

Publications List for Chiu-Chung Young

(楊 秋 忠)

Total Publications: 939

(A) Refereed papers: 316

(B) Conference papers: 303

(C) Books: 26

(D) Technical and extension publications: 294

Patents and Technology Transfers: 76

(A) Patents: 28

(B) Technology Transfers: 48

(A) Refereed Papers : * [Corresponding Author](#)

1. Lin, S.Y., C.F. Tsai, A. Hameed, and [C.C. Young](#). 2020. *Aeromicrobium terrae* sp. nov., isolated from a maize field. International Journal of Systematic and Evolutionary Microbiology. In press (SCI)
2. Rekha, P.D., A. Hameed, M.A.P. Manzoor, M.V. Suryavanshi, S.D. Ghate, A.B. Arun, S.S. Rao, Athmika, S.K. Bajire, M. Mujeeburahiman, and [C.C. Young](#). 2020. First report of pathogenic *Kalamiella piersonii* isolated from urine of a kidney stone patient: draft genome and evidence for role in struvite crystallization. Pathogens.9:711. (SCI)
3. Lin, S.Y., C.F. Tsai, A. Hameed, and [C.C. Young](#). 2020. *Cerasibacillus terrae* sp. nov., isolated from maize field, and emended description of *Cerasibacillus quisquiliarum* Nakamura et al. 2004. International Journal of Systematic and Evolutionary Microbiology. 70:5725–5733. (SCI)
4. Hameed, A., W.A. Lai, M. Shahina, P. Stothard, L.S. Young, S.Y. Lin, S.K. Ramaiah, and [C.C. Young](#). 2020. Differential visible spectral influence on carbon metabolism in heterotrophic marine *flavobacteria*. FEMS Microbiology Ecology. 96: 1-11. (SCI)
5. Lin, S.Y., W.M. Chen, G.H. Huang, A. Hameed, C.T. Chang, C.F. Tsai, and [C.C. Young](#). 2020. *Flavobacterium supellecticarium* sp. nov., isolated from an abandoned construction timber. International Journal of Systematic and Evolutionary Microbiology. 70:3731–3739. (SCI)
6. Hameed, A., M. Shahina, S.Y. Lin, W.M. Chen, Y.H. Hsu, W.A. Lai, and [C.C. Young](#). 2020. Description of *Gemmobacter aestuarii* sp. nov., isolated from estuarine surface water and reclassification of *Cereibacter changlensis* as *Gemmobacter changlensis* Chen et al. 2013. Archives of Microbiology. 202:1035-1042. (SCI)
7. Lin, S.Y., A. Hameed, C.F. Tsai, G.H. Huang, Y.H. Hsu, and [C.C. Young](#). 2020. Description of *Azoarcus nasutitermitis* sp. nov. and *Azoarcus rhizosphaerae* sp. nov., two nitrogen-fixing species isolated from termite nest and rhizosphere of *Ficus religiosa*. Antonie van Leeuwenhoek. 113:933-946. (SCI)
8. Lin, S.Y., W.M. Chen, A. Hameed, G.H. Huang, M.H. Hung, and [C.C. Young](#). 2020. *Cohnella fermenti* sp. nov., isolated from a fermentation process. International Journal of

- Systematic and Evolutionary Microbiology. 70:2602-2610. (SCI)
9. Sheu, S.Y., Z.H. Li, [C.C. Young](#), and W.M. Chen. 2020. *Rubrivivax albus* sp. nov., isolated from a freshwater pond. International Journal of Systematic and Evolutionary Microbiology. 70:805-813. (SCI)
 10. Lin, S.Y., A. Hameed, H.I. Huang, and [C.C. Young](#). 2020. *Allorhizobium terrae* sp. nov., isolated from paddy soil, and reclassification of *Rhizobium oryzae* (Zhao et al. 2017) as *Allorhizobium oryzae* comb. nov. International Journal of Systematic and Evolutionary Microbiology. 70:397-405. (SCI)
 11. Hameed, A., M. Shahina, W.A. Lai, P. Stothard, L.S. Young, S.Y. Lin, and [C.C. Young](#). 2020. Draft genome sequence reveals co-occurrence of multiple antimicrobial resistance and plant probiotic traits in rice root endophytic strain *Burkholderia* sp. LS-044 affiliated to Bcc. Journal of Global Antimicrobial Resistance. 20:28-30. (SCI)
 12. Chen, Y.P., L.L. Liaw, J.T. Kuo, H.T. Wu, G.H. Wang, X.Q. Chen, C.F. Tsai, and [C.C. Young](#). 2019. Evaluation of synthetic gene encoding alpha-galactosidase through metagenomic sequencing of paddy soil. Journal of Bioscience and Bioengineering. 128:274-282. (SCI)
 13. Chen, W.M., W.T. Chen, [C.C. Young](#), and S.Y. Sheu. *Rheinheimera riviphila* sp. nov., isolated from a freshwater stream. Archives of Microbiology. 201:919-926. (SCI)
 14. Hameed, A., M. Shahina, L.S. Young, W.A. Lai, K.R. Sridhar, and [C.C. Young](#). 2019. Bacteriostatic stimulus of meropenem on allelochemical-metabolizing *Burkholderia* sp. LS-044 mitigates ferulic acid autotoxicity in rice (*Oryza sativa* ssp. japonica cv. Tainung 71). Plant Soil. 443:73-86. (SCI)
 15. Chen, W.M., C.Y. Cai, Z.H. Li, [C.C. Young](#), and S.Y. Sheu. 2019. *Methylobacterium oryzae* sp. nov., isolated from water sampled from a rice paddy field. International Journal of Systematic and Evolutionary Microbiology. 69:3843-3850. (SCI)
 16. Lin, S.Y., A. Hameed, Y.T. Hsieh, and [C.C. Young](#). 2019. *Mesorhizobium composti* sp. nov., isolated from compost. Antonie van Leeuwenhoek Journal of Microbiology Journal of Microbiology. 112:1387-1398. (SCI)
 17. Chen, W.M., Y.R. Xie, [C.C. Young](#), and S.Y. Sheu. 2019. *Inhella crocodyli* sp. nov., isolated from a crocodile pond. International Journal of Systematic and Evolutionary Microbiology. 69:2424-2430. (SCI)
 18. Sheu, S.Y., T.Y. Chen, [C.C. Young](#), and W.M. Chen. 2019. *Stagnimonas aquatica* gen. nov., sp. nov., a new member of the family Nevskiaceae isolated from a freshwater mesocosm. International Journal of Systematic and Evolutionary Microbiology. 69:1606-1612. (SCI)
 19. Chen, W.M., W.T. Chen, [C.C. Young](#), and S.Y. Sheu. 2019. *Flavobacterium niveum* sp. nov., isolated from a freshwater creek. International Journal of Systematic and Evolutionary Microbiology. 69:271-277. (SCI)
 20. Sheu, S.Y., T.Y. Hsieh, [C.C. Young](#), and W.M. Chen. 2018. *Paracoccus fontiphilus* sp. nov., isolated from a freshwater spring. International Journal of Systematic and Evolutionary Microbiology. 68:2054-2060. (SCI)

21. Lin, S.Y., A. Hameed, Y.H. Hsu, Y.C. Liu, M.H. Hung, W.A. Lai, and [C.C. Young](#). 2018. *Sphingomonas colocasiae* sp. nov., isolated from taro (*Colocasia esculanta*). International Journal of Systematic and Evolutionary Microbiology. 68:133-140. (SCI)
22. Lin, S.Y., A. Hameed, Y.T. Hsieh, Y.H. Hsu, W.A. Lai, and [C.C. Young](#). 2018. *Castellaniella fermenti* sp. nov., isolated from a fermented meal. International Journal of Systematic and Evolutionary Microbiology. 68:52-57. (SCI)
23. Hameed, A., M. Shahina, H.C. Huang, W.A. Lai, S.Y. Lin, P. Stothard, and [C.C. Young](#). 2018. Complete genome sequence of *Siansivirga zeaxanthinifaciens* CC-SAMT-1^T, a *flavobacterium* isolated from coastal surface seawater. Marine Genomics. 37:21-25. (SCI)
24. Chen, W.M., T.Y. Hsieh, [C.C. Young](#), and S.Y. Sheu. 2017. *Undibacterium amnicola* sp. nov., isolated from a freshwater stream. International Journal of Systematic and Evolutionary Microbiology. 67:5094-5101. (SCI)
25. Chen, W.M., W.T. Chen, [C.C. Young](#), and S.Y. Sheu. 2017. *Hymenobacter gummosus* sp. nov., isolated from a spring. International Journal of Systematic and Evolutionary Microbiology. 67:4728-4735. (SCI)
26. Lin, S.Y., A. Hameed, C.Z. Wen, Y.H. Hsu, Y.C. Liu, W.A. Lai, and [C.C. Young](#). 2017. *Hydrogenophaga aquatica* sp. nov., isolated from a hot spring. International Journal of Systematic and Evolutionary Microbiology. 67: 3716-3721. (SCI)
27. Lin, S.Y., A. Hameed, Y.H. Hsu, Y.C. Liu, W.A. Lai, and [C.C. Young](#). 2017. *Filimonas aquilariae* sp. nov., isolated from agarwood chips. International Journal of Systematic and Evolutionary Microbiology. 67:3219-3225. (SCI)
28. Lin, S.Y., A. Hameed, Y.C. Liu, Y.H. Hsu, Y.T. Hsieh, W.A. Lai, and [C.C. Young*](#). 2017. *Humibacter aquilariae* sp. nov., a new actinobacterium isolated from an agarwood chip. International Journal of Systematic and Evolutionary Microbiology. 67:1468-1472. (SCI)
29. Chen, W.M., K.R. Lin, [C.C. Young](#), and S.Y. Sheu. 2017. *Flectobacillus fontis* sp. nov., isolated from a freshwater spring. International Journal of Systematic and Evolutionary Microbiology. 67:336-342. (SCI)
30. Lin, S.Y., A. Hameed, Y.C. Liu, Y.H. Hsu, M.H. Huang, W.A. Lai, and [C.C. Young*](#). 2017. *Ruficoccus amylovorans* gen. nov., sp. nov, an amylolytic and nitrate-reducing diazotroph of the family *Puniceicoccaceae*. International Journal of Systematic and Evolutionary Microbiology. 67:956-962. (SCI)
31. Lin, S.Y., A. Hameed, Y.C. Liu, Y.H. Hsu, Y.T. Hsieh, W.A. Lai, and [C.C. Young*](#). 2017. *Chryseobacterium endophyticum* sp. nov. isolated from a maize leaf. International Journal of Systematic and Evolutionary Microbiology. 67:570-575. (SCI)
32. Lin, S.Y., A. Hameed, K.Y. Chiu, Y.C. Liu, Y.H. Hsu, W.A. Lai, and [C.C. Young*](#). 2017. *Olivibacter composti* sp. nov. isolated from compost collected at a greenhouse. International Journal of Systematic and Evolutionary Microbiology. 67:148-152. (SCI)
33. Liu, C.T., S.Y. Lin, A. Hameed, Y.C. Liu, Y.H. Hsu, W.T. Wong, C.H. Tseng, H.S. Lur, and [C.C. Young*](#). 2017. *Oryzomicrobium terrae* gen. nov. sp. nov., of the family *Rhodocyclaceae*

- isolated from paddy soil. *International Journal of Systematic and Evolutionary Microbiology*. 67:183-189. (SCI)
34. Chen, W.M., P.B. Xie, [C.C. Young](#), and S.Y. Sheu. 2017. *Formosimonas limnophila* gen. nov., sp. nov., a new member of the family *Burkholderiaceae* isolated from a freshwater lake. *International Journal of Systematic and Evolutionary Microbiology*. 67:17-24. (SCI)
 35. Chen, W.M., Y.S. Li, Z.H. Chen, [C.C. Young](#), and S.Y. Sheu. 2016. *Uliginosibacterium paludis* sp. nov., isolated from a marsh. *International Journal of Systematic and Evolutionary Microbiology*. 66:5118-5123. (SCI)
 36. Hameed, A., S.Y. Lin, W.A. Lai, M. Shahina, Y.C. Liu, Y.H. Hsu, and [C.C. Young*](#). 2016. *Idiomarina tyrosinivorans* sp. nov., isolated from estuarine surface water. *International Journal of Systematic and Evolutionary Microbiology*. 66:5384-5391. (SCI)
 37. Lai, W.A., A. Hameed, Y.C. Liu, Y.H. Hsu, S.Y. Lin, and [C.C. Young*](#). 2016. *Sphingobacterium cibi* sp. nov., isolated from the food-waste compost, and emended descriptions of *Sphingobacterium spiritivorum* (Holmes *et al.*, 1982) Yabuuchi *et al.* 1983 and *S. thermophilum* Yabe *et al.* 2013. *International Journal of Systematic and Evolutionary Microbiology*. 66:5336-5344. (SCI)
 38. Sheu, S.Y., Y.S. Li, [C.C. Young](#), and W.M. Chen. 2016. *Chitinibacter fontanus* sp. nov., isolated from a spring. *International Journal of Systematic and Evolutionary Microbiology*. 66:4262-4268. (SCI)
 39. Lin, S.Y., Y.H. Wu, A. Hameed, Y.C. Liu, and [C.C. Young*](#). 2016. *Ammoniphilus resinae* sp. nov., an endospore-forming bacterium isolated from resin fragments. *International Journal of Systematic and Evolutionary Microbiology*. 66:3010-3016. (SCI)
 40. Lin, S.Y., [C.C. Young](#), A. Hameed, Y.C. Liu, Y.-H. Hsu, W.C. Chung, and L.S. Young*. 2016. *Actibacterium ureilyticum* sp. nov., isolated from seawater. *International Journal of Systematic and Evolutionary Microbiology*. 66:2769-2773. (SCI)
 41. Hameed, A., H.W. Pee, S.Y. Lin, W.A. Lai, L.S. Young, Y.C. Liu, F.T. Shen, and [C.C. Young*](#). 2016. Direct electrochemical sensing of phenazine-1-carboxylic acid secreted by *Pseudomonas chlororaphis* subsp. *aureofaciens* BCRC 11057^T using disposable screen-printed carbon electrode. *Electroanalysis*. 28:846-853. (SCI)
 42. Sheu, S.Y., Z.H. Chen, [C.C. Young](#), W.M. Chen. 2016. *Rhizobium ipomoeae* sp. nov., isolated from a water convolvulus field. *International Journal of Systematic and Evolutionary Microbiology*. 66:1633-1640. (SCI)
 43. Lin, S.Y., Y.C. Liu, A. Hameed, Y.H. Hsu, H.I. Huang, W.A. Lai, and [C.C. Young*](#). 2016. *Azospirillum agricola* sp. nov., a nitrogen-fixing species isolated from cultivated soil. *International Journal of Systematic and Evolutionary Microbiology*. 66:1453-1458. (SCI)
 44. Sheu, S.Y., Z.H. Chen, [C.C. Young](#), W.M. Chen. 2016. *Ideonella paludis* sp. nov., isolated from a marsh. *International Journal of Systematic and Evolutionary Microbiology*. 66:1052-1057. (SCI)
 45. Sheu, S.Y., Y.L. Chen, [C.C. Young](#), and W.M. Chen. 2016. *Vogesella facilis* sp. nov., isolated

- from a freshwater river, and emended description of the genus *Vogesella*. International Journal of Systematic and Evolutionary Microbiology. 66:817-823. (SCI)
46. Chen, W.M., J.C. Chen, C.W. Huang, [C.C. Young](#), and S.Y. Sheu. 2016. *Novosphingobium colocasiae* sp. nov., isolated from a taro field. International Journal of Systematic and Evolutionary Microbiology. 66:673-679. (SCI)
 47. Lin, S.Y., A. Hameed, M. Shahina, Y.C. Liu, Y.H. Hsu, W.C. Chung, and [C.C. Young*](#). 2016. Description of *Luteimonas pelagia* sp. nov., isolated from marine sediment, and emendation of *Luteimonas aquatica*, *Luteimonas composti*, *Luteimonas mephitis*, *Lysobacter enzymogenes* subsp. *enzymogenes* and *Lysobacter panaciterrae*. International Journal of Systematic and Evolutionary Microbiology. 66:645-651. (SCI)
 48. Lai, W.A., S.Y., Lin, A. Hameed, Y.H. Hsu, Y.C. Liu, H.R. Huang, F.T. Shen, and [C.C. Young*](#). 2016. *Leucobacter zae* sp. nov., isolated from the rhizosphere of maize (*Zea mays* L.). International Journal of Systematic and Evolutionary Microbiology. 65:4734-4742. (SCI)
 49. Lin, S.Y., A. Hameed, Y.C. Liu, Y.H. Hsu, W.A. Lai, F.T. Shen, and [C.C. Young*](#). 2016. *Azospirillum soli* sp. nov., a nitrogen-fixing species isolated from agriculture soil. International Journal of Systematic and Evolutionary Microbiology. 65:4601-4607. (SCI)
 50. Lin, S.Y., A. Hameed, [C.C. Young](#), Y.C. Liu, Y.H. Hsu, W.C. Chung, and L.S. Young*. 2015. *Thalassocola ureilytica* gen. nov. sp. nov., of the family *Phyllobacteriaceae* isolated from seawater. International Journal of Systematic and Evolutionary Microbiology. 65:4100-4106. (SCI)
 51. Lin, S.Y., A. Hameed, C.Z. Wen, Y.C. Liu, F.T. Shen, Y.H. Hsu, W.A. Lai, and [C.C. Young*](#). 2015. *Chryseobacterium echinoideorum* sp. nov., isolated from sea urchins (*Tripneustes gratilla*). International Journal of Systematic and Evolutionary Microbiology. 65:3985-3990. (SCI)
 52. Lai, W.A., A. Hameed, S.Y., Lin, M.H. Hung, Y.H. Hsu, Y.C. Liu, M. Shahina, F.T. Shen, and [C.C. Young*](#). 2015. *Paenibacillus medicaginis* sp. nov. a chitinolytic endophyte isolated from the root nodule of alfalfa (*Medicago sativa* L.). International Journal of Systematic and Evolutionary Microbiology. 65:3853-3860. (SCI)
 53. Lin, S.Y., A. Hameed, Y.C. Liu, Y.H. Hsu, W.A. Lai, W.S. Yen, and [C.C. Young*](#). 2015. *Bacillus formosensis* sp. nov., isolated from pesticide wastewater sample. International Journal of Systematic and Evolutionary Microbiology. 65:3800-3805. (SCI)
 54. Lin, S.Y., A. Hameed, C.Z. Wen, Y.C. Liu, Y.H. Hsu, F.T. Shen, W.A. Lai, and [C.C. Young*](#). 2015. *Vitellibacter echinoideorum* sp. nov., isolated from a sea urchin (*Tripneustes gratilla*). International Journal of Systematic and Evolutionary Microbiology. 65:2320-2325. (SCI)
 55. Lin, S.Y., A. Hameed, Y.C. Liu, C.Z. Wen, W.A. Lai, Y.H. Hsu, and [C.C. Young*](#). 2015. *Bacillus lycopersici* sp. nov., isolated from tomato plant *Solanum lycopersicum*. International Journal of Systematic and Evolutionary Microbiology. 65:2085-2090. (SCI)
 56. Lin, S.Y., C.Z. Wen, A. Hameed, Y.C. Liu, Y.H. Hsu, F.T. Shen, W.A. Lai, and [C.C. Young*](#). 2015. *Nocardioides echinoideorum* sp. nov., isolated from sea urchins (*Tripneustes*

- gratilla*). International Journal of Systematic and Evolutionary Microbiology. 65:1953-1958. (SCI)
57. Kämpfer*, P., A.B. Arun, H.J. Busse, Z.L. Zhang, [C.C. Young](#), and S.P. Glaeser. 2015. *Chelativorans intermedius* sp. nov. and proposal to reclassify *Thermovum composti* as *Chelativorans composti* comb. nov. International Journal of Systematic and Evolutionary Microbiology. 65:1646-1652. (SCI)
 58. Sheu, S.Y., H.W. Huang, [C.C. Young](#), and W.M. Chen*. 2015. *Rhizobium alvei* sp. nov., isolated from a freshwater river. International Journal of Systematic and Evolutionary Microbiology. 65:472-478. (SCI)
 59. Lin, S.Y., A. Hameed, M.H. Hung, Y.C. Liu, Y.H. Hsu, L.S. Young, and [C.C. Young*](#). 2015. *Pseudomonas matsuisoli* sp. nov., isolated from a soil sample. International Journal of Systematic and Evolutionary Microbiology. 65:902-909. (SCI)
 60. Hameed, A., M. Shahina, W.A. Lai, S.Y. Lin, L.S. Young, Y.C. Liu, Y.H. Hsu, and [C.C. Young*](#). 2015. *Oricola cellulositytica* gen. nov., sp. nov., a cellulose-degrading bacterium of the family *Phyllobacteriaceae* isolated from surface seashore water, and emended descriptions of *Mesorhizobium loti* and *Phyllobacterium myrsinacearum*. Antonie van Leeuwenhoek Journal of Microbiology. 107:759-771. (SCI)
 61. Hameed, A., M. Shahina, W.A. Lai, S.Y. Lin, Y.C. Liu, Y.H. Hsu, and [C.C. Young*](#). 2015. *Hanstruepera neustonica* gen. nov., sp. nov., a zeaxanthin-producing member of the family *Flavobacteriaceae* isolated from estuarine water, and emendation of *Sediminibacter furfurosus* Khan et al. 2007 emend. Kwon et al. 2014, *Mangrovimonas yunxiaonensis* Li et al. 2013, *Antarcticimonas flava* Yang et al. 2009 and *Hoppeia youngheungensis* Kwon et al. 2014. International Journal of Systematic and Evolutionary Microbiology. 65:336-345. (SCI)
 62. Lin, S.Y., A. Hameed, M.H. Hung, Y.C. Liu, Y.H. Hsu, C.Z. Wen, and [C.C. Young*](#). 2015. *Rhizobium capsici* sp. nov., isolated from root tumor of a green bell pepper (*Capsicum annuum* var. *grossum*) plant. Antonie van Leeuwenhoek Journal of Microbiology. 107:773-784. (SCI)
 63. Lin, S.Y., Y.H. Hsu, A. Hameed, Y.C. Liu, C.Z. Wen, W.A. Lai, and [C.C. Young*](#). 2015. *Lysobacter lycopersici* sp. nov., isolated from chopped tomato tissues. Antonie van Leeuwenhoek Journal of Microbiology. 107:1261-1270. (SCI)
 64. Sripontan, Y., M.H. Hung, [C.C. Young](#), and S.Y. Hwang. 2014. Effect of plant growth-promoting microorganisms (PGPMs) on plant induction responses and subsequent *Spodoptera litura* performance. Journal of Agriculture and Forestry. 63:143-151.
 65. Sripontan, Y., M.H. Hung, [C.C. Young](#), and S.Y. Hwang. 2014. Effect of soil type and plant growth promoting microorganism on cabbage and *Spodoptera litura* performance. Journal of Agriculture and Forestry. 63:153-161.
 66. Hameed, A., M. Shahina, [S.Y. Lin](#), W. A. Lai, Y.C. Liu, Y.H. Hsu, and [C.-C. Young*](#). 2014. *Cribrihabitans neustonicus* sp. nov., isolated from coastal surface seawater, and emended

- description of the genus *Cribrihabitans* Chen et al. 2014. International Journal of Systematic and Evolutionary Microbiology. 64:3897-3903. (SCI)
67. Shreedhar, S., P.D. Rekha, K. Naregundi, [C.C. Young](#), and A.B. Arun*. 2014. Phosphate solubilizing uranium tolerant bacteria associated with monazite sand of a natural background radiation site in South-West coast of India. Annals of Microbiology. 64:1683-1689. (SCI)
 68. Sripontan, Y., C.W. Tan, M.H. Hung, [C.C. Young](#), and S.Y. Hwang. 2014. Effects of plant-growth-promoting microorganisms and fertilizers on growth of cabbage and tomato and *Spodoptera litura* performance. J. Asia-Pac. Entomol. 17:587-593. (SCI)
 69. Sheu, S.Y., Z.H. Chen, [C.C. Young](#), and W.M. Chen. 2014. *Paludibacterium paludis* sp. nov., isolated from a marsh. International Journal of Systematic and Evolutionary Microbiology. 64:2497-2502. (SCI)
 70. Hameed, A., M. Shahina, S.Y. Lin, Y.C. Liu, and [C.C. Young](#)*. 2014. *Pseudomonas hussainii* sp. nov., isolated from droppings of a seashore bird, and emended descriptions of *Pseudomonas pohangensis*, *Pseudomonas benzenivorans* and *Pseudomonas segetis*. International Journal of Systematic and Evolutionary Microbiology. 64:2330-2337. (SCI)
 71. Lin, S.Y., Y.H. Hsu, Y.C. Liu, M.H. Hung, A. Hameed, W.A. Lai, W.S. Yen, and [C.C. Young](#)*. 2014. *Rhizobium straminoryzae* sp. nov., isolated from the surface of rice straw. International Journal of Systematic and Evolutionary Microbiology. 64:2962-2968. (SCI)
 72. Hameed, A., M. Shahina, S.Y. Lin, Y.C. Liu, W.A. Lai, and [C.C. Young](#)*. 2014. *Gramella oceani* sp. nov., a zeaxanthin-producing bacterium of the family *Flavobacteriaceae* isolated from marine sediment. International Journal of Systematic and Evolutionary Microbiology. 64:2675-2681. (SCI)
 73. Shahina, M., A. Hameed, S.Y. Lin, W.A. Lai, Y.H. Hsu, and [C.C. Young](#)*. 2014. Description of *Algoriphagus taiwanensis* sp. nov., a xylanolytic bacterium isolated from surface seawater, and emended descriptions of *Algoriphagus mannitolivorans*, *Algoriphagus olei*, *Algoriphagus aquatilis* and *Algoriphagus ratkowskyi*. Antonie van Leeuwenhoek Journal of Microbiology. 106:1031-1040. (SCI)
 74. Lin, S.Y., A. Hameed, F.T. Shen, Y.C. Liu, Y.H. Hsu, M. Shahina, W.A. Lai, and [C.C. Young](#)*. 2014. Description of *Niveispirillum fermenti* gen. nov., sp. nov., isolated from a fermenter in Taiwan, reclassification of *Azospirillum irakense* (1989) as *Niveispirillum irakense* comb. nov., *Azospirillum amazonense* (1983) as *Nitrospirillum amazonense* gen. nov., sp. nov. Antonie van Leeuwenhoek Journal of Microbiology. 105:1149-1162. (SCI)
 75. Sheu, S.Y., J.C. Chen, [C.C. Young](#), and W.M. Chen*. 2014. *Rivicola pingtungensis* gen. nov., sp. nov., a new member of the family *Neisseriaceae* isolated from a freshwater river. International Journal of Systematic and Evolutionary Microbiology. 64:2009-2016. (SCI)
 76. Satnam, S., L.S. Young, F.T. Shen, and [C.C. Young](#)*. 2014. Impacts of industrial waste resources on maize (*Zea mays* L.) growth, yield, nutrients uptake and soil properties. Waste Management. 34:1877-1883. (SCI)

77. Shahina, M., A. Hameed, S.Y. Lin, and [C.C. Young*](#). 2014. *Gramella planctonica* sp. nov., a zeaxanthin-producing bacterium isolated from surface seawater and emended descriptions of *Gramella aestuarii* and *Gramella echinicola*. *Antonie van Leeuwenhoek Journal of Microbiology*. 105:771-779. (SCI)
78. Lin, K.L., L.M. Chng, J.C.T. Lin, S.L. Hsu, [C.C. Young](#), C.J. Shieh, and C.M. Chang*. 2014. Effect of Anti-solvent conditions on low density supercritical fluids precipitation of zeaxanthin palmitates from *Lycium barbarum* Fruits. *The Journal of Supercritical Fluids*. 87:104-110. (SCI)
79. Lin, S.Y., A. Hameed, Y.C. Liu, Y.H. Hsu, W.A. Lai, H.I. Huang, and [C.C. Young*](#). 2014. *Novosphingobium arabidopsis* sp. nov., a DDT-resistant bacterium isolated from the rhizosphere of *Arabidopsis thaliana*. *International Journal of Systematic and Evolutionary Microbiology*. 64:594-598. (SCI)
80. Lin, S.Y., A. Hameed, Y.C. Liu, Y.H. Hsu, W.A. Lai, H.I. Huang, and [C.C. Young*](#). 2014. *Chitinophaga taiwanensis* sp. nov., isolated from the rhizosphere of *Arabidopsis thaliana*. *International Journal of Systematic and Evolutionary Microbiology*. 64:426-430. (SCI)
81. Hameed, A., M. Shahina, S.Y. Lin, W.A. Lai, Y.C. Liu, Y.H. Hsu, I.C. Cheng, and [C.C. Young*](#). 2014. *Robertkochia marina* gen. nov., sp. nov., of the family *Flavobacteriaceae*, isolated from surface seawater and emended descriptions of the genera *Joostella* and *Galbibacter*. *International Journal of Systematic and Evolutionary Microbiology*. 64:533-539. (SCI)
82. Hameed, A. M. Shahina, S.Y. Lin, W.A. Lai, Y.H. Hsu, Y.C. Liu, and [C.C. Young*](#). 2014. *Aquibacter zeaxanthinifaciens* gen. nov., sp. nov., a zeaxanthin-producing bacterium of the family *Flavobacteriaceae* isolated from surface seawater. *International Journal of Systematic and Evolutionary Microbiology*. 64:138-145. (SCI)
83. Prabhu, S., P.D. Rekha, [C.C. Young](#), A. Hameed, S.Y. Lin, and A.B. Arun*. 2013. Zeaxanthin production by novel marine isolates from coastal sand of India and its antioxidant properties. *Applied Biochemistry and Biotechnology*. 171:817-831. (SCI)
84. Chen, J.R., J.J. Wu, C.T. Lin, Y.C. Wang, [C.C. Young](#), W.J. Shieh, S.L. Hsu, and C.M. Chang*. 2013. Low Density Supercritical Fluids Precipitation of 9-Cis and all Trans-beta-carotenes Enriched Particulates from *Dunaliella salina*. *Journal of Chromatography A*. 1299:1-9. (SCI)
85. Huang, J.C., W.A. Lai, S. Singh, A. Hameed, and [C.C. Young*](#). 2013. Response of mycorrhizal hybrid tomato cultivars under saline stress. *Journal of soil science and plant nutrition*. 13:469-484. (SCI)
86. Nakayan, P., A. Hameed, S. Singh, L.S. Young, M.H. Hung, and [C.C. Young*](#). 2013. Phosphate-solubilizing soil yeast *Meyerozyma guilliermondii* CC1 improves maize (*Zea mays* L.) productivity and minimizes requisite chemical fertilization. *Pant and Soil*. 373:301-315. (SCI)
87. Sheu, S.Y., Y.L. Chen, [C.C. Young](#), and W.M. Chen*. 2013. *Lacibacterium aquatile* gen. nov., sp. nov., a new member of the family *Rhodospirillaceae* isolated from a freshwater lake.

- International Journal of Systematic and Evolutionary Microbiology. 63:4797-4804. (SCI)
88. Hameed, A., M. Shahina, S.Y. Lin, J.C. Cho, W.A. Lai, and [C.C. Young*](#). 2013. *Kordia aquimaris* sp. nov., a zeaxanthin-producing member of the family *Flavobacteriaceae* isolated from surface seawater and emended description of the genus *Kordia*. International Journal of Systematic and Evolutionary Microbiology. 63:4790-4796. (SCI)
 89. Shahina, M., A. Hameed, S.Y. Lin, W.A. Lai, Y.C. Liu, Y.H. Hsu, I.C. Cheng, and [C.C. Young*](#). 2013. *Luteibaculum oceani* gen. nov., sp. nov., a carotenoid-producing, lipolytic bacterium isolated from surface seawater and emended description of the genus *Owenweeksia* Lau et al. 2005. International Journal of Systematic and Evolutionary Microbiology. 63:4765-4770. (SCI)
 90. Liu, Y.C., L.S. Young, S.Y. Lin, A. Hameed, Y.H. Hsu, W.A. Lai, F.T. Shen, and [C.C. Young*](#). 2013. *Pseudomonas guguanensis* sp. nov., a *gammaproteobacteria* isolated from a hot spring. International Journal of Systematic and Evolutionary Microbiology. 63:4591-4598. (SCI)
 91. Hameed, A., M. Shahina, S.Y. Lin, W.A. Lai, Y.H. Hsu, Y.C. Liu, Y.M. Huang, and [C.C. Young*](#). 2013. *Shimia biformata* sp. nov., isolated from surface seawater and emended description of the genus *Shimia* Choi and Cho, 2006. International Journal of Systematic and Evolutionary Microbiology. 63:4533-4539. (SCI)
 92. Shahina, M., A. Hameed, S.Y. Lin, Y.H. Hsu, Y.C. Liu, Y.M. Huang, J.C. Lin, and [C.C. Young*](#). 2013. *Sphingomicrobium marinum* sp. nov. and *Sphingomicrobium flavum* sp. nov., isolated from surface seawater and emended description of the genus *Sphingomicrobium*. International Journal of Systematic and Evolutionary Microbiology. 63:4469-4476. (SCI)
 93. Lin, S.Y., A. Hameed, A.B. Arun, Y.C. Liu, Y.H. Hsu, W.A. Lai, P.D. Rekha, and [C.C. Young*](#). 2013. Description of *Noviherbaspirillum malthae* gen. nov., sp. nov., isolated from an oil contaminated soil and proposal to reclassify *Herbaspirillum soli*, *Herbaspirillum aurantiacum*, *Herbaspirillum canariense* and *Herbaspirillum psychrotolerans* as *Noviherbaspirillum soli* comb. nov., *Noviherbaspirillum aurantiacum* comb. nov., *Noviherbaspirillum canariense* comb. nov. and *Noviherbaspirillum psychrotolerans* comb. nov. based on polyphasic analysis. International Journal of Systematic and Evolutionary Microbiology. 63:4100-4107. (SCI)
 94. Lin, S.Y., Y.C. Liu, A. Hameed, Y.H. Hsu, W.A. Lai, F.T. Shen, and [C.C. Young*](#). 2013. *Azospirillum fermentarium* sp. nov., a nitrogen-fixing species isolated from a fermenter. International Journal of Systematic and Evolutionary Microbiology. 63:3762-3768. (SCI)
 95. Chen, M.H., S.Y. Sheu., E.K. James, [C.C. Young](#), and W.M. Chen. 2013. *Azoarcus olearius* sp. nov., a nitrogen-fixing bacterium isolated from oil-contaminated soil. International Journal of Systematic and Evolutionary Microbiology. 63:3755-3761. (SCI)
 96. Young, L.S.*, J.N. Chu, A. Hameed, and [C.C. Young](#). 2013. Cultivable mushroom growth-promoting bacteria and their impact on *Agaricus blazei* productivity. Brazilian Journal of Agricultural Research. 48, 636-644. (SCI)

97. Shahina, M., A. Hameed, S.Y. Lin, Y.H. Hsu, Y.C. Liu, I.C. Cheng, M.R. Lee, W.A. Lai, R.J. Lee, and [C.C. Young*](#). 2013. *Sphingomicrobium astaxanthinifaciens* sp. nov., an astaxanthin-producing glycolipid-rich bacterium isolated from surface seawater and emended description of the genus *Sphingomicrobium*. *International Journal of Systematic and Evolutionary Microbiology*. 63:3415-3422. (SCI)
98. Lin, S.Y., A. Hameed, Y.C. Liu, Y.H. Hsu, W.A. Lai, and [C.C. Young*](#). 2013. *Pseudomonas formosensis* sp. nov., a gamma-proteobacteria isolated from food-waste compost in Taiwan. *International Journal of Systematic and Evolutionary Microbiology*. 63:3168-3174. (SCI)
99. Hsu, Y.H., W.A. Lai, S.Y. Lin, A. Hameed, M. Shahina, F.T. Shen, Z.L. Zhu, L.S. Young, and [C.C. Young*](#). 2013. *Chiayiivirga flava* gen. nov., sp. nov., a novel bacterium of the family *Xanthomonadaceae* isolated from an agricultural soil and emended description of the genus *Dokdonella*. *International Journal of Systematic and Evolutionary Microbiology*. 63:3293-3300. (SCI)
100. Sheu, S.Y., J.C. Chen, [C.C. Young](#), and W.M. Chen*. 2013. *Vogesella fluminis* sp. nov., isolated from a freshwater river and emended description of the genus *Vogesella*. *International Journal of Systematic and Evolutionary Microbiology*. 63:3043-3049. (SCI)
101. Hameed, A., M.H. Hung, S.Y. Lin, Y.H. Hsu, Y.C. Liu, M. Shahina, W.A. Lai, H.C. Huang, L.S. Young, and [C.C. Young*](#). 2013. *Cohnella formosensis* sp. nov., a xylanolytic bacterium isolated from the rhizosphere of *Medicago sativa* L. *International Journal of Systematic and Evolutionary Microbiology*. 63:2806-2812. (SCI)
102. Kämpfer, P.*, A.B. Arun, P.D. Rekha, H.J. Busse, [C.C. Young](#), and S.P. Glaeser. 2013. *Ruegeria intermedia* sp. nov., a moderately thermophilic bacterium isolated from a coastal hot spring. *International Journal of Systematic and Evolutionary Microbiology*. 63:2538-2544. (SCI)
103. Lin, S.Y., A. Hameed, Y.C. Liu, Y.H. Hsu, W.A. Lai, F.T. Shen, L.S. Young, C.F. Tsai, and [C.C. Young*](#). 2013. *Aureimonas ferruginea* sp. nov. and *Aureimonas rubiginis* sp. nov., two novel siderophore-producing bacteria isolated from rusty iron plates. *International Journal of Systematic and Evolutionary Microbiology*. 63:2430-2435. (SCI)
104. Lin, S.Y., A. Hameed, Y.C. Liu, Y.H. Hsu, W.A. Lai, W.M. Chen, F.T. Shen, and [C.C. Young*](#). 2013. *Pseudomonas sagittaria* sp. nov., a novel siderophore-producing bacterium isolated from oil-contaminated soil. *International Journal of Systematic and Evolutionary Microbiology*. 63:2410-2417. (SCI)
105. Chen, W.M., S.H. Yang, [C.C. Young](#), and S.Y. Sheu*. 2013. *Rheinheimera tilapiae* sp. nov., isolated from a freshwater culture pond. *International Journal of Systematic and Evolutionary Microbiology*. 63:1457-1463. (SCI)
106. Kämpfer, P.*, A.B. Arun, A. Frischmann, H.J. Busse, [C.C. Young](#), P.D. Rekha, and W.M. Chen. 2013. *Stappia taiwanensis* sp. nov., isolated from a Coastal thermal spring. *International Journal of Systematic and Evolutionary Microbiology*. 63:1350-1354. (SCI)

107. Chen, W.M., Y.S. Lin, [C.C. Young](#), and S.Y. Sheu*. 2013. *Pseudorhodofera aquiterrae* sp. nov., isolated from groundwater. *International Journal of Systematic and Evolutionary Microbiology*. 63:169-174. (SCI)
108. Chen, W.M., N.T. Cho, W.C. Huang, [C.C. Young](#), and S.Y. Sheu*. 2013. Description of *Gemmobacter fontiphilus* sp. nov., isolated from a freshwater spring, reclassification of *Catellibacterium nectariphilum* as *Gemmobacter nectariphilus* comb. nov., *Catellibacterium changlense* as *Gemmobacter changlensis* comb. nov., *Catellibacterium aquatile* as *Gemmobacter aquaticus* nom. nov., *Catellibacterium caeni* as *Gemmobacter caeni* comb. nov., *Catellibacterium nanjingense* as *Gemmobacter nanjingensis* comb. nov. and emended description of the genus *Gemmobacter* and *Gemmobacter aquatilis*. *International Journal of Systematic and Evolutionary Microbiology*. 63:470-478. (SCI)
109. Chen, W.M., W.C. Huang, [C.C. Young](#), and S.Y. Sheu*. 2013. *Flavobacterium tilapiae* sp. nov., isolated from a freshwater pond and emended descriptions of *Flavobacterium defluvii* and *Flavobacterium johnsoniae*. *International Journal of Systematic and Evolutionary Microbiology*. 63:827-834. (SCI)
110. Chen, W.M., S.H. Yang, [C.C. Young](#), and S.Y. Sheu*. 2013. *Arcicella rigui* sp. nov., isolated from water of a wetland and emended descriptions of the genus *Arcicella*, *Arcicella aquatica*, *A. rosea* and *A. aurantiaca*. *International Journal of Systematic and Evolutionary Microbiology*. 63:134-140. (SCI)
111. Chu, J.N., [C.C. Young](#), C.C. Tan, S.P. Wu, and L.S. Young*. 2012. Improvement of productivity and polysaccharide-protein complex in *Agaricus blazei*. *Brazilian Journal of Agricultural Research*. 47:96-102. (SCI)
112. Kämpfer, P.*, W.A. Lai, A.B. Arun, [C.C. Young](#), P.D. Rekha, K. Martin, H.J. Busse, and W.M. Chen. 2012. *Paracoccus rhizosphaerae* sp. nov., isolated from the rhizosphere of a plant *Crossostephium chinense* (L.) Makino (Seremban). *International Journal of Systematic and Evolutionary Microbiology*. 62:2750-2756. (SCI)
113. Kämpfer, P.*, A.B. Arun, [C.C. Young](#), H.J. Busse, J. Kassmannhuber, R. Rosselló-Mora, B. Geueke, P. D. Rekha, and W.M. Chen. 2012. *Sphingomicrobium lutaoense* gen. nov., sp. nov., isolated from a coastal hot spring. *International Journal of Systematic and Evolutionary Microbiology*. 62:1326-1330. (SCI)
114. Kämpfer, P.*, A. B. Arun, [C.C. Young](#), P. D. Rekha, and W.M. Chen. 2012. *Microbulbifer taiwanensis* sp. nov., isolated from coastal soil. *International Journal of Systematic and Evolutionary Microbiology*. 62:2485-2489. (SCI)
115. Hameed, A., M. Shahina, S.Y. Lin, K. Sridhar, L.S. Young, M. Lee, W.M. Chen, J. Chou, and [C.C. Young](#)*. 2012. *Siansivirga zeaxanthinifaciens* gen. nov., sp. nov., a novel zeaxanthin-producing member of the family *Flavobacteriaceae* isolated from coastal seawater of Taiwan. *FEMS Microbiology Letters*. 333:37-45. (SCI)
116. Chen, W.M., N.T. Cho, S.H. Yang, A. B. Arun, [C.C. Young](#), and S.Y. Sheu* 2012. *Aquabacterium limnoticum* sp. nov., isolated from a freshwater spring. *International*

- Journal of Systematic and Evolutionary Microbiology. 62:698-704. (SCI)
117. Chen, W.M., F.S. Sheu, [C.C. Young](#), and S.Y. Sheu*. 2012. *Inhella fonticola* sp. nov., isolated from spring water and emended description of the genus *Inhella*. International Journal of Systematic and Evolutionary Microbiology. 62:1048-1055. (SCI)
 118. Lin, C.L., F.T. Shen, B.Y. Chen, C.C. Huang, C.C. Tan, A.B. Arun, and [C.C. Young](#)*. 2012. Characterization of *Gordonia* sp. strain CC-NAPH129-6 capable of naphthalene degradation. Microbiological Research. 167:395-404. (SCI)
 119. Huang, K.H., B.Y. Chen, F.T. Shen, and [C.C. Young](#)*. 2012. Optimization of exopolysaccharide production and diesel oil emulsifying properties in root nodulating bacteria. World Journal of Microbiology & Biotechnology. 28:1367-1373. (SCI)
 120. Young, L.S., J.N. Chu, and [C.C. Young](#)*. 2012. Beneficial bacterial strains on *Agaricus blazei* cultivation. Pesquisa Agropecuária Brasileira. 47:815-821. (SCI)
 121. Lin, S.Y., F.T. Shen, W.A. Lai, Z.L. Zhu, W.M. Chen, J.H. Chou, Z.Y. Lin, and [C.C. Young](#)*. 2012. *Sphingomonas formosensis* sp. nov., a polycyclic aromatic hydrocarbons-degrading bacterium isolated from agricultural soil. International Journal of Systematic and Evolutionary Microbiology. 62:1581-1586. (SCI)
 122. Lin, S.Y., L.S. Young, F.T. Shen, Z.L. Zhu, W.M. Chen, and [C.C. Young](#)*. 2012. *Azospirillum formosense* sp. nov., a diazotroph from agricultural soil. International Journal of Systematic and Evolutionary Microbiology. 62:1185-1190. (SCI)
 123. Chu, J.N., [C.C. Young](#), C.C. Tan, S.P. Wu, and L.S. Young*. 2012. Improvement of productivity and polysaccharide protein complex in *Agaricus blazei*. Pesquisa Agropecuária Brasileira. 47:96-102. (SCI)
 124. Lin, S.Y., F.T. Shen, and [C.C. Young](#)*. 2011. Rapid detection and identification of the free-living nitrogen fixing genus *Azospirillum* by 16S rRNA-gene-targeted genus-specific primers. Antonie van Leeuwenhoek Journal of Microbiology. 99:837-844. (SCI)
 125. Kämpfer, P., [C. C. Young](#), J.N. Chu, A. Frischmann, H.J. Busse, A. B. Arun, F.T. Shen, and P. D. Rekha. 2011. *Gordonia humi* sp. nov., isolated from soil in Taiwan. International Journal of Systematic and Evolutionary Microbiology. 61:65-70. (SCI)
 126. Hameed, A., A.B. Arun, H.P. Ho, C.M. Chang, P.D. Rekha, M.R. Lee, S. Singh, and [C.C. Young](#)*. 2011. Supercritical carbon dioxide-micronization of Zeaxanthin from moderately thermophilic bacteria *Muricauda lutaonensis* CC-HSB-11^T. Journal of Agricultural and Food Chemistry. 59:4119-4124. (SCI)
 127. Singh, S., P.D. Rekha, A.B. Arun, Y.-M. Huang, F.T. Shen, and [C.C. Young](#)*. 2011. Wastewater from monosodium glutamate industry as a low cost fertilizer source for corn (*Zea mays* L.). Biomass & Bioenergy. 35:4001-4007. (SCI)
 128. Chen, M.H.*, S.Y. Sheu, A.B. Arun, [C.C. Young](#), C.A. Chen, J.T. Wang, and W.M. Chen. 2011. *Pseudoteredinibacter isopora* gen. nov., sp. nov., a marine bacterium isolated from the reef-building coral *Isopora palifera*. International Journal of Systematic and Evolutionary Microbiology. 61:1887-1893. (SCI)

129. Sheu, S.Y., T.F. Chiu, [C.C. Young](#), A.B. Arun, and W.M. Chen*. 2011. *Flavobacterium macrobrachii* sp. nov., isolated from a freshwater shrimp culture pond. International Journal of Systematic and Evolutionary Microbiology. 61:1402-1407. (SCI)
130. Zeng, Y.H., F.T. Shen, C.C. Tan, C.C. Huang, and [C.C. Young](#)*. 2011. The flexibility of UV-inducible mutation in *Deinococcus ficus* as evidence by the existence of the *imuB-dnaE2* gene cassette and generation of superior feather degrading bacteria. Microbiological Research. 167:40– 47. (SCI)
131. Singh. S, P.D. Rekha, A.B. Arun, A. Hameed, S. Singh, F.T. Shen, and [C.C. Young](#)*. 2011. Glutamate wastewater as a culture medium for *Azospirillum rugosum* production and its impact on plant growth. Biology and Fertility of Soils. 47; 419-426. (SCI)
132. Sheu, S.Y., A.B. Arun, S.R. Jiang, [C.C. Young](#), and W.M. Chen*. 2011. *Allobacillus halotolerans* gen. nov., sp. nov. isolated from shrimp paste. International Journal of Systematic and Evolutionary Microbiology. 61:1023-1027. (SCI)
133. Rekha, P.D., [C.C. Young](#), P. Kämpfer*, K. Martin, A.B. Arun, W.M. Chen, W.A. Lai, J.H. Chao, and F.T. Shen. 2011. *Jhaorihella thermophila* gen. nov., sp. nov., a new moderately thermophilic bacterium isolated from a coastal hot spring. International Journal of Systematic and Evolutionary Microbiology. 61:1544-1548 (SCI)
134. Kämpfer, P.*, A.B. Arun, H.J. Busse, S. Langer, [C.C. Young](#), W.M. Chen, A.A. Syed, and P.D. Rekha. 2011. *Virgibacillus soli* sp. nov., isolated from mountain soil. International Journal of Systematic and Evolutionary Microbiology. 61: 275- 280. (SCI)
135. Kämpfer, P.*, P. D. Rekha, P. Schumann, A. B. Arun, [C.C. Young](#), W.-M. Chen, and K. R. Sridhar. 2011. *Microbacterium arthrosphaerae* sp. nov., isolated from the feces of the pill millipede *Arthrosphaera magna* Attems. International Journal of Systematic and Evolutionary Microbiology. 61:1334-1337. (SCI)
136. Kämpfer, P.*, A. B. Arun, H.J. Busse, [C.C. Young](#), W. A. Lai, P. D. Rekha, and W.M. Chen. 2011. *Salinicoccus sesuvii* sp. nov., isolated from the rhizosphere of *Sesuvium portulacastrum*. International Journal of Systematic and Evolutionary Microbiology. 61: 2348–2352. (SCI)
137. Kämpfer, P.*, [C.C. Young](#), H.J. Busse, S.Y. Lin, P.D. Rekha, A.B. Arun, W.M. Chen, F.T. Shen, and Y.H. Wu. 2011. Proposal of *Novosphingobium soli* sp. nov., isolated from soil. International Journal of Systematic and Evolutionary Microbiology. 61:259-263. (SCI)
138. Rekha, P.D., [C.C. Young](#), and A.B. Arun. 2011. Identification of N-acyl-L-homoserine lactones produced by non pigmented *Chromobacterium aquaticus* CC-SEYA-1^T and pigmented *Chromobacterium substugae* PRAA4-1^T. Biotech:239-245. (SCI)
139. Chen, W.M., C.Y. Lin, [C.C. Young](#), and S.Y. Sheu. 2010. *Rheinheimera aquatica* sp. nov., an Antimicrobial Activity Producing Bacterium Isolated from Freshwater Culture Pond. Journal of Microbiology and Biotechnology. 20:1386-1392. (SCI)
140. Bhagya, B., K.R. Sridhar*. S. Seenaa, [C.C. Young](#), and A.B. Arun. 2010. Nutritional evaluation of tender pods of *Canavalia maritima* of coastal sand dunes. Frontiers of Agriculture in

China. 4:481-488. (SCI)

141. Shen, F.T., L.S. Young, M.F. Hsieh, S.Y. Lin, and [C.C. Young](#)*. 2010. Molecular detection and phylogenetic analysis of the alkane 1-monooxygenase gene from *Gordonia* spp. *Systematic and Applied Microbiology*. 33:53-59. ©ScienceDirect TOP 25 Hottest Articles of *Systematic and Applied Microbiology* in 2010. (SCI)
142. Sheu, S.Y., C.S. Yang, M.H. Chen, A. B. Arun, [C.C. Young](#), and W.M. Chen*. 2010. *Arcicella aurantiaca* sp. nov., isolated from stream water. *International Journal of Systematic and Evolutionary Microbiology*. 60: 2979-2983. (SCI)
143. Shen, C.T., P.Y. Chen, J. J. Wu, T.M. Lee, S.L. Hsu, C.M. Chang*, [C.C. Young](#), and C. J. Shieh. 2011. Purification of algal anti-tyrosinase zeaxathin from *Nannochloropsis oculata* using supercritical anti-solvent precipitation. *Journal of Supercritical Fluids*. 55:955-962. (SCI)
144. Chu, J.N., A. B. Arun, W.M. Chen, J.H. Chou, F.T. Shen, P.D. Rekha, P. Kämpfer, L.S. Young, S.Y. Lin, and [C.C. Young](#)*. 2010. *Agaricicola taiwanensis* gen. nov., sp. nov., an alphaproteobacterium isolated from the edible mushroom *Agaricus blazei*. *International Journal of Systematic and Evolutionary Microbiology*. 60:2032-2035. (SCI)
145. Kämpfer, P.*, [C.C. Young](#), W.M. Chen, P.D. Rekha, K. Fallschissel, N. Lodders, J.H. Chou, F.T. Shen, A. Frischmann, H.J. Busse, and A. B. Arun. 2010. *Fontibacter flavus* gen. nov., sp. nov., a new member of the family *Cytophagaceae*, isolated from a hot spring in Taiwan. *International Journal of Systematic and Evolutionary Microbiology*. 60:2066-2070. (SCI)
146. Yang, C.S., S.Y. Sheu, [C.C. Young](#), A.B. Arun, C.Y. Cheng, and W.M. Chen*. 2010. *Chitinibacter alvei* sp. nov., isolated from stream water. *International Journal of Systematic and Evolutionary Microbiology*. 60:1760-1764. (SCI)
147. Kämpfer, P.*, A. B. Arun, [C.C. Young](#), W.M. Chen, K.R. Sridhar, and P.D. Rekha*. 2010. *Chryseobacterium arthrosphaerae* sp. nov., isolated from the faeces of pill millipede *Arthrosphaera magna* Attems. *International Journal of Systematic and Evolutionary Microbiology*. 60:1765-1769. (SCI)
148. Kämpfer, P.*, A.B. Arun, H.J. Busse, S. Langer, [C.C. Young](#), P. Schumann, A.A. Syed, and P.D. Rekha. 2010. *Georgenia soli* sp. nov., isolated from iron-ore-contaminated soil in India. *International Journal of Systematic and Evolutionary Microbiology*. 60:1027-1030. (SCI)
149. Kämpfer, P.*, [C.C. Young](#), H.J. Busse, J.N. Chu, , P. Schumann, A.B. Arun, F.T. Shen, and P.D. Rekha. 2010. *Microlunatus soli* sp. nov., isolated from soil. *International Journal of Systematic and Evolutionary Microbiology*. 60:824-827. (SCI)
150. [Young, C.C.](#), H.J. Busse, S. Langer, J.N. Chu, P. Schumann, A.B. Arun, F.T. Shen, P.D. Rekha, and P. Kämpfer*. 2010. *Microbacterium agarici* sp. nov., *Microbacterium humi* sp. nov. and *Microbacterium pseudoresistens* sp. nov., isolated from the base of the mushroom *Agaricus blazei*. *International Journal of Systematic and Evolutionary Microbiology*. 60: 854-860. (SCI)
151. Bhat, R.*, K.R. Sridhar, A.A. Karim, [C.C. Young](#), and A.B. Arun. 2009. Influence of γ -

- radiation on the nutritional and functional qualities of lotus seed flour. *Journal of Agricultural Food Chemistry*. 57:9524-9531. (SCI)
152. Shen, F.T., J.L. Lin, C.C. Huang, Y.N. Ho, A.B. Arun, L.S. Young, and [C.C. Young*](#). 2009. Molecular detection and phylogenetic analysis of the catechol 1,2-dioxygenase gene from *Gordonia* spp. *Systematic and Applied Microbiology*. 32:291-300. ©ScienceDirect TOP 25 Hottest Articles of Systematic and Applied Microbiology in 2009. (SCI)
 153. [Young, C.C.](#), S.Y. Lin, A.B. Arun, F.T. Shen, W.M. Chen, P.D. Rekha, S. Langer, H.J. Busse, Y.H. Wu, and P. Kämpfer*. 2009. *Algoriphagus olei* sp. nov. isolated from oil-contaminated soil. *International Journal of Systematic and Evolutionary Microbiology*. 59:2909-2915. (SCI)
 154. Lin, T.C., A. B. Arun, F.T. Shen, [C.C. Young](#), and T. L. Chen*. 2009. Hydrocarbon degrading potentials of bacteria isolated from oil-contaminated soil. *Journal of Chinese Institute of Chemical Engineers*. 40:580-582. (SCI) (Title change to *Journal of the Taiwan Institute of Chemical Engineers*) (SCI)
 155. Arun, A.B., W.M. Chen, W.A. Lai, J.H. Chou, F.T. Shen, P.D. Rekha, S. Singh, and [C.C. Young*](#). 2009. *Muricauda lutaonensis* sp. nov., a moderate thermophile isolated from a coastal hot spring. *Ecological Engineering*. 59:2738-2742. (SCI)
 156. Bhagya, B., K.R. Sridhar*, Raviraja, N.S., [C.C. Young](#), and A.B. Arun. 2009. Nutritional and biological qualities of ripened beans of *Canavalia maritima* of coastal sand dunes of India. *Comptes Rendus Biologies*. 332:25-33. (SCI)
 157. D’Cunha, M., K.R. Sridhar*, [C.C. Young](#), and A.B. Arun. 2009. Nutritional evaluation of germinated seeds of coastal sand dune wild legume *Canavalia cathartica*. *International Food Research Journal*. 16:249-260. (SCI)
 158. Arun, A.B., W.M. Chen, W.A. Lai, J.H. Chao, F.T. Shen, P.D. Rekha, and [C.C. Young*](#). 2009. *Lutaonella thermophila* gen. nov., sp. nov., a moderately thermophilic member of the family *Flavobacteriaceae* isolated from a coastal hot spring. *Ecological Engineering*. 59:2070-2074. (SCI)
 159. Singh, S., P.D. Rekha, A.B. Arun, and [C.C. Young*](#). 2009. Impacts of monosodium glutamate industrial wastewater on plant growth and soil characteristics. *Ecological Engineering*. 35:1559-1563. (SCI)
 160. Wu, J.J., C.T. Shen, T.T. Jong, [C.C. Young](#), H.L. Yang, S.L. Hsu, C.J. Chang*, and C.J. Shieh. 2009. Supercritical carbon dioxide anti-solvent process for purification of micronized propolis particulates and associated anti-cancer activity. *Separation and Purification Technology*. 70:190-198. (SCI)
 161. Chou, J.Y., Y.J. Chou, A.B. Arun, [C.C. Young](#), C.A. Chen, J.T. Wang, and W.M. Chen*. 2009. *Vogesella lacus* sp. nov., isolated from a pond used for soft-shell turtle. *International Journal of Systematic and Evolutionary Microbiology*. 59:2629-2632. (SCI)
 162. Sheu, S.Y., T.F. Chiu, J.H. Chou, D.S. Sheu, A.B. Arun, [C.C. Young](#), C.A. Chen, J.T. Wang, and W.M. Chen*. 2009. *Andreprevotia lacus* sp. nov., isolated from fish-culture pond.

- International Journal of Systematic and Evolutionary Microbiology. 59:2482-2485. (SCI)
163. Sheu, S.Y., T.F. Chiu, N.T. Cho, J.H. Chou, D.S. Sheu, A.B. Arun, [C.C. Young](#), C.A. Chen, J.T. Wang, and W.M. Chen*. 2009. *Flectobacillus roseus* sp. nov., isolated from freshwater in Taiwan. International Journal of Systematic and Evolutionary Microbiology. 59:2546-2551. (SCI)
164. Arun, A.B., [C.C. Young](#), W.M. Chen, M.H. Hung, W.A. Lai, J.H. Chou, F.T. Shen, P.D. Rekha, and S.P. Su*. 2009. *Belliella pelovolcani* sp. nov., isolated from a mud-volcano in Taiwan. International Journal of Systematic and Evolutionary Microbiology. 59:2534-2537. (SCI)
165. Lin, S.Y., [C.C. Young](#), H. Hupfer, C. Siering, A.B. Arun, W.M. Chen, W.A. Lai, F.T. Shen, P.D. Rekha, and A.F. Yassin*, 2009. *Azospirillum picis* nov., isolated from discarded tar. International Journal of Systematic and Evolutionary Microbiology. 59:761-765. (SCI)
166. Arun, A.B., W.M. Chen, W.A. Lai, J.H. Chou, P.D. Rekha, F.T. Shen, S. Singh, and [C.C. Young](#)*. 2009. *Parvularcula lutaonensis* sp. nov., a moderately thermotolerant marine bacterium isolated from a coastal hot spring. International Journal of Systematic and Evolutionary Microbiology. 59:998-1001. (SCI)
167. Prasad, K.S., A.B. Arun, P.D. Rekha, [C.C. Young](#), J.L. Chang, and J.M. Zen*. 2009. A microbial sensor based on direct electron transfer at *Shewanella* sp. drop-coated screen-printed carbon electrodes. Electroanalysis. 21:1646-1650. (SCI)
168. Lin, M.C., S.R. Jiang, J.H. Chou, A.B. Arun, [C.C. Young](#), and W.M. Chen*. 2009. *Aquabacterium fontiphilum* sp nov., isolated from spring water. International Journal of Systematic and Evolutionary Microbiology. 59:681-685. (SCI)
169. Chou, J.H., J.H. Lee, M.C. Lin, P.S. Chang, A.B. Arun, [C.C. Young](#), and W.M. Chen*. 2009. *Paenibacillus contaminans* sp. nov., isolated from a laboratory contaminated plate. International Journal of Systematic and Evolutionary Microbiology. 59:125-129. (SCI)
170. Chou, Y.J., J.H. Chou, M.C. Lin, A.B. Arun, [C.C. Young](#), and W.M. Chen*. 2008. *Vogesella perlucida* sp. nov., a non-pigmented bacterium isolated from a spring water. International Journal of Systematic and Evolutionary Microbiology. 58:2677-2681. (SCI)
171. Lin, M.C., J.H. Chou, A.B. Arun, [C.C. Young](#), and W.M. Chen*. 2008. *Pseudogulbenkiania subflava* gen. nov., sp. nov., isolated from a cold spring. International Journal of Systematic and Evolutionary Microbiology. 58:2384-2388. (SCI)
172. Liao, C.J., K.H. Chin, C.H. Lin, P.S. Tsai, P.C. Lyu, [C.C. Young](#), A.H. Wang, and S.H. Chou*. 2008. Crystal structure of DFA0005 complexed with α -ketoglutarate: a novel member of the ICL/PEPM superfamily from alkali-tolerant *Deinococcus ficus*. Proteins. 73:362-371. (SCI)
173. Chou, Y.J., J.H. Chou, K.Y. Lin, M.C. Lin, Y.H. Wei, A.B. Arun, [C.C. Young](#), and W.M. Chen*. 2008. *Rothia terrae* sp. nov. isolated from soil in Taiwan. International Journal of Systematic and Evolutionary Microbiology. 58:84-88. (SCI)
174. [Young, C.C.](#), J.H. Chou, A.B. Arun, W.S. Yen, S.Y. Sheu, F.T. Shen, W.A. Lai, P.D. Rekha, and W.M. Chen*. 2008. *Comamonas composti* sp. nov., isolated from food waste compost. International Journal of Systematic and Evolutionary Microbiology. 58:251-256. (SCI)

175. Kämpfer, P., K. Thummes, C.I. Horng, C.C. Tan, A.B. Arun, W.M. Chen, W.A. Lai, F.T. Shen, P.D. Rekha, and [C.C. Young](#)*. 2008. *Pseudacidovorax intermedius* gen. nov., sp. nov., a novel nitrogen-fixing betaproteobacterium isolated from the soil. *International Journal of Systematic and Evolutionary Microbiology*. 58:491-495. (SCI)
176. [Young, C.C.](#), A.B. Arun, W.A. Lai, W. M. Chen, J.H. Chao, F.T. Shen, P.D. Rekha, and P. Kämpfer*. 2008. *Chromobacterium aquaticum* sp. nov., isolated from spring water samples. *International Journal of Systematic and Evolutionary Microbiology*. 58:877-880. (SCI)
177. [Young, C.C.](#), H. Hupfer, C.Siering, M.J. Ho, A.B. Arun, W.A. Lai, P.D. Rekha, F.T. Shen, M.H. Hung, W.M. Chen, and A.F. Yassin*. 2008. *Azospirillum rugosum* sp. nov., isolated from oil contaminated soil. *International Journal of Systematic and Evolutionary Microbiology*. 58:959-963. (SCI)
178. Bhat, R., K.R. Sridhar*, [C.C. Young](#), A.B. Arun, and S. Ganesh. 2008. Composition and functional properties of raw and electron beam-irradiated *Mucuna pruriens* seeds. *International Journal of Food Science and Technology*. 43:1338-1351. (SCI)
179. Arun, A.B., P. Schumann, H.I. Chu, C.C. Tan, W.M. Chen, W.A. Lai, B.J. Tindall, P. Kämpfer, , F.T. Shen, P.D. Rekha, M.H. Hung, J.H. Chou, and [C.C. Young](#)*. 2008. *Pseudoxanthobacter soli* gen. nov., sp. nov., a novel nitrogen fixing Alphaproteobacterium isolated from soil. *International Journal of Systematic and Evolutionary Microbiology*. 58:1571-1575. (SCI)
180. Lin, T.C., J.S. Chang, and [C.C. Young](#)*. 2008. Exopolysaccharides produced by *Gordonia alkanivorans* enhance bacterial degradation activity for diesel. *Biotechnology Letters*. 30:1201-1206. (SCI)
181. Chang, M.H., [C.C. Young](#)*, S.Y. Chien, and A.B. Arun. 2008. Expression of recombinant *Pichia pastoris* X33 phytase for dephosphorylation of rice bran fermented liquid. *Annals of Microbiology*. 58:233-238. (SCI)
182. [Young, C.C.](#), A.B. Arun, P. Kämpfer*, H.J. Busse, W.A. Lai, W.M. Chen, F.T. Shen, and P.D. Rekha. 2008. *Sphingobium rhizovicinum* sp. nov., isolated from rhizosphere soil of *Fortunella hindsii* (Champ. ex Benth.) Swingle. *International Journal of Systematic and Evolutionary Microbiology*. 58:1801-1806. (SCI)
183. Lin, C.C., A.B. Arun, P.D. Rekha, and [C.C. Young](#)*. 2008. Application of wastewater from paper and food seasoning industries with green manure to increase soil organic carbon: A laboratory study. *Bioresource Technology*. 99:6190-6197. (SCI)
184. Chou, J.H., N.T. Cho, A.B. Arun, [C.C. Young](#), and W.M. Chen*. 2008. *Nocardioides fonticola* sp. nov., a novel actinomycete isolated from spring water. *International Journal of Systematic and Evolutionary Microbiology*. 58:1864-1868. (SCI)
185. Chou, J.H., N.T. Cho, A.B. Arun, [C.C. Young](#), and W.M. Chen*. 2008. *Luteimonas aquatica* sp. nov., isolated from fresh water from southern Taiwan. *International Journal of Systematic and Evolutionary Microbiology*. 58:2051-2055. (SCI)
186. Chou, Y.J., J.H. Chou, M.C. Lin, A.B. Arun, [C.C. Young](#), and W.M. Chen*. 2008. *Vogesella perlucida* sp. nov., a non-pigmented bacterium isolated from spring water. *International*

- Journal of Systematic and Evolutionary Microbiology. 58:2677-2681. (SCI)
187. Lai, W.A., P.D. Rekha, A.B. Arun, and [C.C. Young*](#). 2008. Effect of mineral fertilizer, pig manure and *Azospirillum rugosum* on growth and nutrient contents of *Lactuca sativa* L. Biology and Fertility of Soils. 45:155-164. (SCI)
 188. Shen, F.T., M.J. Ho, H.R. Huang, A.B. Arun, P.D. Rekha, and [C.C. Young*](#). 2008. Molecular detection and phylogenetic characterization of *Gordonia* species in heavily oil-contaminated soils. Research in Microbiology. 159:522-529. (SCI)
 189. Hsiao, C.L., [C.C. Young](#), and C.Y. Wang*. 2007. Screening and identification of glufosinate-degrading bacteria from glufosinate-treated soils. Weed Science. 55:631-637. (SCI)
 190. [Young, C.C.](#), P. Kämpfer*, M.J. Ho, H.J. Busse, H. Birgit, A.B. Arun, F.T. Shen, W.A. Lai, and P.D. Rekha. 2007. *Arenimonas malthae* sp. nov., a novel gammaproteobacterium isolated from contaminated site. International Journal of Systematic and Evolutionary Microbiology. 57:2790-2793. (SCI)
 191. Chou, J.H., K.Y. Lin, M.C. Lin, S.Y. Sheu, Y.H. Wei, A.B. Arun, [C.C. Young](#), and W.M. Chen*. 2007. *Brachybacterium phenoliresistens* sp. nov., isolated from oil-contaminated coastal sand. International Journal of Systematic and Evolutionary Microbiology. 57:2674-2679. (SCI)
 192. [Young, C.C.*](#), M.J. Ho, A.B. Arun, W.M. Chen, W.A. Lai, F.T. Shen, P.D. Rekha, and A.F. Yassin. 2007. *Sphingobium olei* sp. nov., isolated from oil-contaminated soil. International Journal of Systematic and Evolutionary Microbiology. 57:2613-2617. (SCI)
 193. Shen, F.T., H.R. Huang, A.B. Arun, H.L. Lu, T.C. Lin, P.D. Rekha, and [C.C. Young*](#). 2007. Detection of filamentous genus *Gordonia* in foam samples using genus-specific primers combined with PCR-denaturing gradient gel electrophoresis analysis. Canadian Journal of Microbiology. 53:768-74. (SCI)
 194. [Young, C.C.](#), M.J. Ho, A.B. Arun, W.M. Chen, W.A. Lai, F.T. Shen, P.D. Rekha, and A.F. Yassin*. 2007. *Pseudoxanthomonas spadix* sp. nov., isolated from oil- contaminated soil. International Journal of Systematic and Evolutionary Microbiology. 57:1823-1827. (SCI)
 195. Yassin, A.F.*, W.M. Chen, H. Hupfer, C. Siering, R.M. Kroppenstedt, A.B. Arun, W.A. Lai, F.T. Shen, P.D. Rekha, and [C.C. Young](#). 2007. *Lysobacter defluvii* sp. nov. isolated from municipal solid waste. International Journal of Systematic and Evolutionary Microbiology. 57:1131-1136. (SCI)
 196. Yassin, A.F.*, F.T. Shen, H. Hupfer, A.B. Arun, W.A. Lai, P.D. Rekha, and [C.C. Young](#). 2007. *Gordonia malaquae* sp. nov., isolated from sludge of wastewater treatment plant. International Journal of Systematic and Evolutionary Microbiology. 57:1065-1068. (SCI)
 197. Sheu, S.Y., K.Y. Lin, J.H. Chou, P. Chang, A.B. Arun, [C.C. Young](#), and W.M. Chen*. 2007. *Tenacibaculum litopenaei* sp. nov., isolated from a shrimp mariculture pond. International Journal of Systematic and Evolutionary Microbiology. 57:1148-1153. (SCI)
 198. Chou, Y.J., J.H. Chou, K.Y. Lin, S.Y. Sheu, D.S. Sheu, A.B. Arun, [C.C. Young](#), and W.M.

- Chen*. 2007. *Paenibacillus fonticola* sp. nov., a novel bacterium isolated from a warm spring. International Journal of Systematic and Evolutionary Microbiology. 57:1346-1350. (SCI)
199. Chou, J.H., S.Y. Sheu, K.Y. Lin, W.M. Chen*, A.B. Arun, and [C.C. Young](#). 2007. *Comamonas odontotermite* sp. nov., isolated from gut of the termite *Odontotermes formosanus*. International Journal of Systematic and Evolutionary Microbiology. 57:887-891. (SCI)
200. Chou, J.H., W.M. Chen*, A.B. Arun, and [C.C. Young](#). 2007. *Trabulsiella odontotermite* sp. nov., isolated from termite *Odontotermes formosanus*. International Journal of Systematic and Evolutionary Microbiology. 57:696-700. (SCI)
201. [Young, C.C.](#), P. Kämpfer*, W.M. Chen, W.S. Yen, A.B. Arun, W.A. Lai, F.T. Shen, P.D. Rekha, K.Y. Lin, and J.H. Chou. 2007. *Luteimonas compostus* sp. nov., a moderately thermophilic bacterium isolated from the food waste. International Journal of Systematic and Evolutionary Microbiology. 57:741-744. (SCI)
202. Yassin, A.F.*, [C.C. Young](#), W.A. Lai., H.Hupfer, A.B. Arun, F.T. Shen, P.D. Rekha, and M.J. Ho. 2007. *Williamsia serinedens* sp. nov., isolated from an oil- contaminated soil. International Journal of Systematic and Evolutionary Microbiology. 57:558-561. (SCI)
203. Rekha, P.D, W.A. Lai, A.B. Arun, and [C.C. Young](#)*. 2007. Effect of free and encapsulated *Pseudomonas putida* CC-FR2-4 and *Bacillus subtilis* CC-pg104 on plant growth under gnotobiotic conditions. Bioresource Technology. 98:447-451. (SCI)
204. Shen, F.T., M. Goodfellow, A.L. Jones, Y.P. Chen, A.B. Arun, W.A. Lai, P.D. Rekha, and [C.C. Young](#)*. 2006. *Gordonia soli* sp. nov., a novel actinomycete isolated from soil. International Journal of Systematic and Evolutionary Microbiology. 56:2597-2601. (SCI)
205. Young, L.S., and [C.C. Young](#)*. 2006. Organic boost from instant composting. Flower Tech. 9:39-41.
206. Kämpfer, P.*, [C.C. Young](#), A.B. Arun, F.T. Shen, R. Rossélló-Mora, W.A. Lai, and P.D. Rekha. 2006. *Pseudolabrys taiwanensis* gen. nov., sp. nov., a novel alphaproteobacterium isolated from the soil. International Journal of Systematic and Evolutionary Microbiology. 56:2469-2472. (SCI)
207. Kämpfer, P.*, [C.C. Young](#), K.R. Sridhar, A.B. Arun, W.A. Lai, F.T. Shen, and P.D. Rekha. 2006. Transfer of [*Flexibacter*] *sancti*, [*Flexibacter*] *filiformis*, [*Flexibacter*] *japonensis*, [*Cytophaga*] *avensicola*, *Terramonas ferruginea* and *Terramonas lutea* to the genus *Chitinophaga* and description of *Chitinophaga skermanii* sp. nov. International Journal of Systematic and Evolutionary Microbiology. 56:2223-2228. (SCI)
208. [Young, C.C.](#)*, P.D. Rekha, W.A. Lai, and A.B. Arun. 2006. Encapsulation of plant growth promoting bacteria in alginate beads enriched with humic acid. Biotechnology and Bioengineering. 95:76-83. (SCI)
209. Chen, Y.P., P.D. Rekha, A.B. Arun, F.T. Shen, W.A. Lai, and [C.C. Young](#)*. 2006. Phosphate solubilizing bacteria from subtropical soil and their tricalcium phosphate solubilizing abilities. Applied Soil Ecology. 34:33-41. (SCI)

210. Bhagya, B., K.R. Sridhar*, S. Seena, [C.C. Young](#), A.B. Arun, and K.V. Nagaraja. 2006. Nutritional qualities and In vitro starch digestibility of ripened *Canavalia Cathartica* beans of coastal sand dunes of southern India. *Electronic Journal of Environmental, Agricultural and Food Chemistry*. 5:1241-1252. (SCI)
211. Shen, F.T., H.L. Lu, J.L. Lin, W.S. Huang, A.B. Arun, and [C.C. Young](#)*. 2006. Phylogenetic analysis of members of the metabolically diverse genus *Gordonia* based on protein encoding the *gyrB* gene. *Research in Microbiology*. 157:367-375. (SCI)
212. Seena, S.*, K.R. Sridhar, A.B. Arun, and [C.C. Young](#). 2006. Effect of roasting and pressure-cooking on nutritional and protein quality of seeds of mangrove legume *Canavalia cathartica* from southwest coast of India. *Journal of Food Composition and Analysis*. 19:284-293. (SCI)
213. Lai, W.A., P. Kämpfer, F.T. Shen, P.D. Rekha, A.B. Arun, and [C.C. Young](#)*. 2006. *Deinococcus ficus* sp. nov., isolated from the rhizosphere of *Ficus religiosa* L. *International Journal of Systematic and Evolutionary Microbiology*. 56:787-791. (SCI)
214. Chen, T.L., Y.J. Chou, W.M. Chen*, [C.C. Young](#), and A.B. Arun. 2006. *Tepidimonas taiwanensis* sp. nov., a novel alkaline protease producing bacteria isolated from a hot spring. *Extremophiles*. 10:35-40. (SCI)
215. Lin, T.F., H.I. Huang, F.T. Shen, and [C.C. Young](#)*. 2006. The protons of gluconic acid are the major factor responsible for the dissolution of tricalcium phosphate by *Burkholderia cepacia* CC-A174. *Bioresource Technology*. 97:957-960. (SCI)
216. [Young, C.C.](#)*, P.D. Rekha, and A.B. Arun. 2005. What happens during composting? In: *Compost Production; A manual for Asian farmers*. Z. S. Chen (ed). Food and Fertilizer Technology Center. 2005:8-19. (SCI)
217. [Young, C.C.](#), T.C. Lin, M.S. Yeh, F.T. Shen, and J.S. Chang*. 2005. Identification and kinetic characteristics of an indigenous diesel-degrading *Gordonia alkanivorans* strain. *World Journal of Microbiology and Biotechnology*. 21:1409-1414. (SCI)
218. Lin, T.C., C.C. Young, M.J. Ho, M.S. Yeh, J.L. Chou, Y.H. Wei, and J.S. Chang*. 2005. Characterization of floating activity on diesel-assimilating local bacterial isolates. *Journal of Bioscience and Bioengineering*. 99:466-472. (SCI)
219. Lin, T.F., and [C.C. Young](#)*. 2005. Effect of soluble phosphate in the medium on Phosphate-solubilizing activity of *Burkholderia cepacia* CC-A174. *Taiwanese Journal of the Agricultural Chemical and Food Science*. 43:261-270. (SCI)
220. Hung, M.H., A.B. Arun, F.T. Shen, P.D. Rekha, and [C.C. Young](#)*. 2005. Indigenous rhizobia associated with native shrubby legumes in Taiwan. *Pedobiologia*. 49:577-584. (SCI)
221. Shen, F.T., and [C.C. Young](#)*. 2005. Rapid detection and identification of the metabolically diverse genus *Gordonia* by 16S rDNA-gene-targeted genus-specific primers. *FEMS Microbiology Letters*. 250:221-227. (SCI)
222. Shen, F.T., P. Kämpfer*, [C.C. Young](#), W.A. Lai, and A.B. Arun. 2005. *Chryseobacterium taichungense* sp. nov., isolated from contaminated soil. *International Journal of Systematic*

- and Evolutionary Microbiology. 55:1301-1304. (SCI)
223. [Young, C.C.](#), P. Kämpfer*, F.T. Shen, W.A. Lai, and A.B. Arun. 2005. *Chryseobacterium formosense* sp. nov. isolated from the rhizosphere of *Lactuca sativa* L. (Garden lettuce). International Journal of Systematic and Evolutionary Microbiology. 55:423-426. (SCI)
224. [Young, C.C.](#)*, C.H. Su, G.C. Li, M.C. Wang, and A.B. Arun. 2004. Prospects for nitrogen incorporation into humic acid as evidenced by alkaline extraction method. Current Science. 87:1704-1709. (SCI)
225. Chao, C.C.*, W.L. Chao, and [C.C. Young](#). 2004. Microbial biomass and denitrification in various Agro-ecosystem Soils. Journal of Agriculture Association of China. 5: 401-415. (in Chinese)
226. [Young, C.C.](#), and C.H. Chou*. 2003. Allelopathy, plant pathogen and crop productivity. Advances in Plant Disease Management. 89-105.
227. Lin, J.C., and [C.C. Young](#)*. 2003. Nitrogen mineralization in submerged soil amended with green manures. Journal of the Biomass Energy Society of China. 22:17-28. (in Chinese)
228. Chiu, C.H.*, T.F. Lin, and [C.C. Young](#). 2003. Short-term sorption of toluene vapor onto natural organic materials. Water, Air and Soil Pollution. 144:223-241. (SCI)
229. Yang, S.S.*, H.C. Lin, L.P. Lin, Y.S. Wang, C.M. Lai, R.S.Chung, C. Chu, F.H. Lu, Y.P. Wang, [C.C. Young](#), C.C. Chao, C.C. Tan, Hsieh, S.W. Huang, S.N., R.M. Liu, S.R. Lee, and C.F. Lee. 2002. Greenhouse gases emission from agricultural land in Taiwan. In: Global Change Research in Taiwan. The China (Taipei) – IGBP Report (2002), pp. 73-81. China (Taipei) IGBP Committee, Academia Sinica, National Science Council, National Taiwan University, National Central University and National Sun Yat-Sen University, Taiwan. (ISBN 957-02-8669-5)
230. Juang, C.F., M.L. Chiu, C.J. Lu*, and [C.C. Young](#). 2002. Assessment on biodegradation effects of PAHs by the acclimated microorganisms. Journal of National Lien-Ho Institute of Technology. 19:211-216. (in Chinese)
231. Liou, R.M.*, and [C.C. Young](#). 2002. Effects of inoculating phosphate-solubilizing rhizobia on the growth and nutrient uptakes of crops. Soil and Environment. 5:153-164. (in Chinese)
232. Chang, T.K., [C.C. Young](#), and E.C. Yang*. 2001. Effects of A-mycorrhiza and P-solubilizing bacteria on wax apple. Horticulture of Chung Hsing University. 26:1-16. (in Chinese)
233. Liou, R.M.*, and [C.C. Young](#). 2001. Phylogenetic relationship of effective and ineffective phosphate solubilizing rhizobia analyzed by random amplified polymorphic DNA technology. Soil and Environment. 3:193-204. (in Chinese)
234. Liao, Y.H., C.F. Lin, J.H. Chen, and [C.C. Young](#)*. 2002. Establishment of the soil and fertilizer information system. Soil and Environment. 5:1-12. (in Chinese)
235. Su, C.H., L.J. Hung, and C.C. Young*. 2000. Effects of different organic materials on nitrogen fixing bacteria and phosphate solubilizing bacteria in soil. Taiwanese Journal of Agricultural Chemistry and Food Science. 38:424-432. (in Chinese)
236. Chao, C.C.*, S.Z. Wang, and [C.C. Young](#). 2000. Nitrous oxide emission from soil amended

- with animal dung composts at various incubation temperatures and soil moistures. *Soil and Environment*. 3:159-172. (in Chinese)
237. [Young, C.C.*](#), Z.Q. Huang, and D.F. Lin. 2000. Studies on properties of solubilizing tri-calcium phosphate of *Pseudomonas cepacia* AI-74 strain. *Journal of Agriculture Association of China*. 1:150-158. (in Chinese)
 238. [Young, C.C.](#), L.G. Chen, and L.F. Chen. 2000. Effects of nitrogen fertilization on loss of nutrient in four Taiwan soils. *Journal of Agriculture Association of China*. 1:1-14. (in Chinese)
 239. Chao, C.C., [C.C. Young](#), Y.P. Wang, and W.L. Chao*. 2000. Daily and seasonal nitrous oxide fluxes in soils from hardwood forest and different agro-ecosystem of Taiwan. *Chemosphere-Global Change Science*. 2:77-84.
 240. Chao, C.C.*, W.L. Chao, [C.C. Young](#), and Y.P. Wang. 1999. Factors that influencing nitrous oxide emission from paddy soils located at central and southern parts of Taiwan. *Journal of Agriculture Association of China*. 187:38-53. (in Chinese)
 241. Chen, L.F., [C.C. Young](#), M.C. Wang, and G.C. Li. 1999. Transformation process between polyamines and humic acid. *Journal of Agriculture Association of China*. 186:99-114. (in Chinese)
 242. Tseng, C.N., J.J. Hua, and [C.C. Young*](#). 1999. Studies on identification and protein profile of *Azospirillum* spp. isolated from Taiwan. *Soil and Environment*. 2:219-226. (in Chinese)
 243. Chang, F.P.*, and [C.C. Young](#). 1999. Studies on soil inoculation with P-solubilizing bacteria and P fertilizer on P-uptake and quality of tea. *Soil and Environment*. 2: 35-44. (in Chinese)
 244. [Young, C.C.*](#), and H.S. Chen. 1999. Genetic diversity of calcium phosphate-solubilizing bacteria determined by random amplified polymorphic DNA analysis. *Soil and Environment*. 2:147-158. (in Chinese)
 245. Chen, C.W., Y.F. Tsai, and [C.C. Young](#). 1998. Effects of VAM-fungus *Glomus* spp. on the production of *Gypsophila Paniculata* L. *Bulletin of Taichung District Agriculture Improvement Station*. 58:1-10. (in Chinese)
 246. [Young, C.C.*](#), and K.T. Cheng. 1998. Genetic diversity of fast- and slow-growing soybean rhizobium by random amplified polymorphic DNA analysis. *Biology and Fertility of Soils*. 26:254-256. (SCI)
 247. Chiu, C.H.*, G.C. Li, [C.C. Young](#), and R.Y. Chiu. 1998. A study on the transformation of arsenite in soils after poultry compost and poultry manure application. *Journal of Chinese Agricultural Chemical Society*. 36:380-393. (in Chinese)
 248. [Young, C.C.*](#), L.J. Hung, and L.F. Chen. 1998. Studies on the exudates and characteristics of P-solubilization with P-solubilizing rhizobia for four green manures. *Soil and Environment*. 1:7-17. (in Chinese)
 249. [Young, C.C.*](#), C.H. Chang, L.F. Chen, and C.C. Chao. 1998. Studies on the properties of nitrogen fixation and ferric phosphate solubilizing bacteria isolated from Taiwan soil. *Journal of Chinese Agricultural Chemical Society*. 36:201-210. (in Chinese)

250. [Young C.C.*](#), and L.F. Chen. 1997. Polyamines in humic acid and their effect on radical growth of lettuce seedlings. *Plant and Soil*. 195:143-149. (SCI)
251. Chao, C.C., and [C.C. Young](#). 1997. Nitrous oxide emission from agricultural soils in central and southern Taiwan. In: *Proceedings of SCOPE/ICSU nitrogen workshop: The Effect of Human Disturbance on the Nitrogen Cycle in Asia*. pp. 112-132.
252. [Young C.C.](#), and C.T. Wu. 1997. Study of degradation of phenolic acid by soil microorganism. *Journal of Agriculture Association of China*. 179:102-113. (in Chinese)
253. Waller, G.R., C.E. Yang., L.F. Chen., C.H. Su., R.M. Liou., S.C. Wu., [C.C. Young](#), M.R. Lee., J.S. Lee., C.H. Cho,u and D. Kim. 1997. Can soya saponin I and mono- and bi-desmonsides isolated from mungbeans serve as growth enhancers in mungbeans and lettuce? *Saponins Uses in Food and Agriculture*. pp. 123-139.
254. Tasi, S.H., and [C.C. Young](#). 1996. Studies of floride, chloride and sulfate on the leaf necrosis of gladiolus in water Culture. *Journal of Agriculture Association of China*. 175:38-49. (in Chinese)
255. [Young, C.C.](#) 1996. Extraction of allelopathic substances from soils. *Soil and Fertilizers in Taiwan*. 96:21-34.
256. Chao, C.C.*, and [C.C. Young](#). 1995. The enhancement of organic carbon substrate on the denitrification of soil. *Journal of Chinese Agricultural Chemical Society*. 33: 468-481. (in Chinese)
257. Chao, C.C., and [C.C. Young](#). 1995. The denitrification characteristic of upland soils in Taiwan. *Journal of Agriculture Association of China*. 169:70-89. (in Chinese)
258. Su, C.H., and [C.C. Young](#). 1994. Fertilizer and water conservative management in golf field. *Chinese Water and Soil Conservation Society Report*. 25:121-125. (in Chinese)
259. [Young, C.C.](#) 1994. Selection and application of biofertilizers in Taiwan. *Food and Fertilizer Technology Center, Technical Bulletin*. 141:1-9.
260. Chao, C.C., and [C.C. Young](#). 1994. Enhancement of denitrification by green manure. In: *Soil Processes and Greenhouse Effect*. R. Lal, J. Kimble and E. Levine eds., USDA, Soil Conservation Service, National Soil Survey Center, Lincon, NE. pp. 145-155.
261. [Young, C.C.](#), S.M. Chen, and C.S. Tsai. 1994. Phenolic compounds in soils. *Journal of Biomass Energy Society of China*. 13:61-67.
262. Tsai, C.S., and [C.C. Young](#). 1993. Allelochemicals in rhizosphere soils of flowering and non-flowering bamboo plants. *Botanical Bulletin of Academia Sinica*. 34:223-234. (SCI)
263. Tseng, C.N., J.J. Hua, and [C.C. Young](#). 1993. Studies on genetic relationships among isolates of *Rhizobium* from Taiwan by multilocus enzyme electrophoresis. *Journal of Chinese Agricultural Chemistry*. 31:120-129. (in Chinese)
264. Chang, F.P., and [C.C. Young](#). 1992. Effects of VA mycorrhizal fungi and phosphorus-solubilizing bacteria inoculated on growth of tea cuttings in plastic bag. *Taiwan Tea Research Bulletin*. 11:79-89. (in Chinese)
265. Chang, F.P., and [C.C. Young](#). 1992. Ecology of vesicular-arbuscular mycorrhizal fungi in tea

- garden soils. Taiwan Tea Research Bulletin. 11:63-77. (in Chinese)
266. Tsai, S.H., S.N. Huang, and [C.C. Young](#). 1992. Effects of organic and chemical fertilizers on the growth and contents of nitrate and vitamins of *Brassica chinensis* L. Journal of Agriculture Society of China. 158:77-85. (in Chinese)
267. [Young, C.C.](#), K.T. Cheng, and G.R. Waller. 1991. Phenolic compounds in conducive and suppressive soils on clubroot disease of crucifers. Soil Biology and Biochemistry. 23:1183-1189. (SCI)
268. Wyman, C.L., G.R. Waller, M. Jurzysta, J.K. McPherson, and [C.C. Young](#). 1991. Biological activity and chemical isolation of root saponins of six cultivars of Alfalfa (*Medicago sativa*). Plant and Soil. 135:83-94. (SCI)
269. [Young, C.C.](#), 1990. Effects of phosphorus-solubilizing bacteria and vesicular-arbuscular mycorrhizal fungi on the growth of tree species in subtropical-tropical soils. Soil Science and Plant Nutrition. 36:225-231. (SCI)
270. Thorne, R.L.Z., G.R. Waller, J.K. Mopherson, E.G. Krenzer, Jr., and [C.C. Young](#). 1990. Autotoxic effects of old and new wheat straw in conventional-tillage and non-tillage wheat soil. Botanical Bulletin of Academia Sinica. 31:35-49. (SCI)
271. [Young, C.C.](#), and S.H. Chen. 1989. Continuous cultivation of asparagus and the allelopathic effect. Food and Fertilizer Technology Center, Technical Bulletin. 116:1-9.
272. [Young, C.C.](#), L.R. Zhu Thorne, and G.R. Waller. 1989. Phytotoxic potential in soils and straw of wheat in rice rotation cropping system of subtropical Taiwan. Plant and Soil. 120:95-101. (SCI)
273. [Young, C.C.](#), and C.C. Chao. 1989. Intrinsic antibiotic resistance and competition in fast and slow-growing soybean rhizobia on a hybrid of Asian and US cultivars. Biology and Fertility of Soils. 8:66-70. (SCI)
274. Tasi, S.T., [C.C. Young](#), and S.N. Huang. 1989. Effects of nitrogen fertilizers and storage conditions on the inorganic nitrogen content of *Brassica chinensis* L. var. Pak-tsai. Journal Agricultural Association of China. 148:36-46. (in Chinese)
275. Tasi, S.T., [C.C. Young](#), and S.N. Huang. 1989. Accumulation of nitrogen in different parts of *Brassica chinensis* L. var. Pai-tsai and *B. oleracea* L. var. acephala DC. and effects of shading and cooking. Journal of Agricultural Association of China. 146:34-41. (in Chinese).
276. [Young, C.C.](#), and C.C. Chao. 1988. Determination of generationtime and symbiotic characteristics for Taiwan fast-growing soybean rhizobia. Journal of Agricultural Association of China. 143:27-37. (in Chinese).
277. [Young, C.C.](#), T.C. Juang, and C.C. Chao. 1988. Effects of *Rhizobium* and VA mycorrhiza inoculations on nodulation, symbiotic nitrogen fixation, and yield of soybean in subtropical-tropical fields. Biology and Fertility of Soils. 6:165-169. (SCI)
278. [Young, C.C.](#), J.Y. Chang, and C.C. Chao. 1988. Physiological and symbiotic characteristics of *Rhizobium fredii* isolated from subtropical-tropical soils. Biology and Fertility of Soils. 5:350-354. (SCI)

279. [Young, C.C.](#), and D.P. Bartholomew. 1987. Growth, nutrient uptake, and N₂ fixation of *Desmodium intortum* as influenced by root exudates of limpo grasses (*Hemarthria altissima*). Proceedings of the National Science Council (B), ROC. 11:187-193.
280. Chao, C.C., and [C.C. Young](#). 1986. Competition and movement of *Rhizobium loti* 94A for nodulation of *Leucaena leucocephala* (Lam.) De Wit. in varied liming soils. Journal of Agriculture Association of China. 137:21-33. (in Chinese).
281. Tsai, S.H., T.C. Kao, S.N. Huang, and [C.C. Young](#). 1987. A study on the contents of inorganic nitrogen in winter vegetable Crop. Research Reports of Taichung District Agricultural Station. 15:63-69. (in Chinese).
282. [Young, C.C.](#), and S.H. Chen. 1986. Phytotoxic study in the soil and root exudates of *Asparagus officinalis* L. Taiwan Asparagus Research. 71-74:71-78. (in Chinese).
283. [Young, C.C.](#), and S.C. Song. 1986. Resin extraction for soil indole acetic acid. Journal of Agriculture Association of China. 136:37-45. (in Chinese).
284. [Young, C.C.](#), C.C. Chao, and W.F. Cheung. 1986. Effects of application of VA mycorrhiza and rock phosphate on corn growth in two Taiwan soils. Journal of Agriculture Association of China. 136:15-24. (in Chinese).
285. [Young, C.C.](#) 1986. Effect of salinity on growth, survival, and symbiotic characteristics of *Rhizobium japonicum* Taiwan isolates. Proceedings of the National Science Council (B), ROC. 10:275-279.
286. [Young, C.C.](#), T.C. Juanag, and H.Y. Guo. 1986. The effect of inoculation with vesicular-arbuscular mycorrhiza fungi on soybean yield and mineral phosphorus utilization in subtropical-tropical Soils. Plant and Soil. 95:245-254. (SCI)
287. Chao, C.C., and [C.C. Young](#). 1985. The effects of different defined media for survival of leucaena *Rhizobium* in varied liming soils. Journal of Chinese Agricultural Chemical Society. 23:236-241. (in Chinese).
288. [Young, C.C.](#), and T.C. Chou 1985. Autointoxication in residues of *Asparagus officinalis* L. Plant and Soil. 85:385-393. (SCI)
289. [Young, C.C.](#), T.C. Chou, and S.H. Chen*. 1985. The studies of phytotoxic effects from *Asparagus officinalis* L. plant and soils. Soils and Fertilizers in Taiwan. 1-10.
290. [Young, C.C.](#), and C.C. Chao. 1985. Persistence of leucaena *Rhizobium* isolates in carriers. Leucaena Research Reports. 6:73-74.
291. Chao, C.C., [C.C. Young](#), and W.E. Cheng. 1985. Effects of rhizobial inoculant and liming on the growth and nodulation of *Leucaena leucocephala* (Lam.) De Wit. in an acid slope-land. Journal of Agriculture Association of China. 131:35-41. (in Chinese).
292. [Young, C.C.](#), T.C. Juang, and H.Y. Guo*. 1984. Evidence for VA mycorrhiza enhanced uptake of fixed soil phosphates. Soil and Fertilizers in Taiwan. 1-5.
293. [Young, C.C.](#) 1984. Stability and extraction of soil phenolic acids. Proceeding of the 1984 Joint Congress of Agricultural Society of ROC. pp. 69-78. (in Chinese).
294. [Young, C.C.](#) 1984. Studies on residues of *Asparagus officinalis* L. in the sand and

- vermiculite cultures. Taiwan Asparagus Research. 71:35-39. (in Chinese).
295. [Young, C. C.](#), and C. C. Chao. 1984. Persistence of leucaena *Rhizobium* Nif 94A in Taiwan liming soil. Leucaena Research Reports. 5: 68-69.
 296. [Young, C.C.](#) 1984. Autointoxication in root exudates of *Asparagus officinalis* L. Plant and Soil. 82:247-253. (SCI)
 297. [Young, C.C.](#) 1984. Non-polar macroreticular resin to recover phenolic acids from a subtropical latosol. Soils Biology and Biochemistry. 16:377-380. (SCI)
 298. [Young, C.C.](#), and C.S. Tang. 1984. Recovery of phenolic acid by Amerlite XAD-4 resin from tropical soils. Proceedings of the National Science Council (B), ROC. 8:26-29.
 299. [Young, C.C.](#) 1984. Resin extraction of chlorophenoxy herbicides from soils. Proceedings of the National Science Council (B), ROC. 8:119-123.
 300. [Young, C.C.](#), T.C. Juang, and H.Y. Guo. 1984. Effects of VA mycorrhizal inoculation on the soybean growth, yield, N₂-fixation and absorption of mineral phosphates. Journal of Agriculture Society of China. 128:29-42.
 301. [Young, C.C.](#), and T.C. Chou. 1984. Autotoxicity of residues of *Asparagus officinalis* L. Journal of Agriculture Society of China. 128:43-52. (in Chinese).
 302. [Young, C.C.](#) 1983. Phytotoxic effect in a diploid and tetraploid pasture. Food & Fertilizer Technology Center, Technical Bulletin No. 75:1-9.
 303. [Young, C.C.](#), C.C. Chao, and W.E. Cheng. 1983. Effect of liming and rhizobial inoculation on the seedling growth of *Leucaena leucocephala* in the field experiment. Leucaena Research Report. 4:73-74.
 304. [Young, C.C.](#), and S.C. Song. 1983. Adsorption of chlorophenoxy herbicides in the lowland and upland soils and recovery efficiency by resin extraction. Journal of Chinese Agricultural Chemistry Society. 21:224-230. (in Chinese).
 305. [Young, C.C.](#) 1982. Study on root exudates and residues of asparagus. In Asparagus Research Report for 1981.68-76. (in Chinese).
 306. [Young, C.C.](#), and C.H. Chao. 1982. Nitrogen fixation of forage crops (I). The selection and introduction of superior *Rhizobium*. In. Quality Improvement for Forage Crops, Taiwan Livestock Research Institute, Tainan. pp. 61-66. (in Chinese).
 307. [Young, C.C.](#), and C.H. Chao. 1982. The selection of *Rhizobium* of *Leucaena leucocephala* in Taiwan. Leucaena Research Reports. 3:70.
 308. [Young, C.C.](#), M.H. Wu and T.C. Juang. 1982. The selection and use of *Rhizobium* in Taiwan. Food & Fertilizer Technology Center, Technical Bulletin No. 66:1-9.
 309. Tang, C.S., and [C.C. Young](#). 1982. Collection and identification of allelopathic compounds from the undisturbed root system of *Bigalra Limpograss* (*Homarthria altissima*). Plant Physiology. 69:155-160. (SCI)
 310. [Young, C.C.](#), and D.P. Bartholomew. 1981. Allelopathy in a grass-legume association: I. Effect of *Hemarthria altissima* (Poir.) Stapf. and Hubb. root residues on the growth of *Desmodium intortum* in a tropical soil. Crop Science. 21:770-774. (SCI)

311. [Young, C.C.](#), B.B. Bohlool, and D.P. Bartholomew. 1980. Soil microbial populations and enzymes associated with the decomposition of roots of a legume and a grass species in a tropical soil. *Soil and Fertilizers in Taiwan*. 20:41-50.
312. [Young, C.C.](#) 1975. Effects of environment and genetics on rice protein. *Scientific Agriculture*. 23:241-245. (in Chinese)
313. Chou, C.H., and [C.C. Young](#). 1975. Phytotoxic substances in twelve subtropical grasses. *Journal of Chemical Ecology*. 1:183-193. (SCI)
314. Chou, C.H., [C.C. Young](#), and C. Huang. 1975. Quality of leaf protein concentrates in *Miscathus floridulus*. *Botanical Bulletin of Academia Sinica*. 16:191-199. (SCI)
315. Chou, C.H., and [C.C. Young](#). 1974. The effects of osmotic concentration and pH on plant growth. *Taiwania* 19:157-165. (SCI)
316. [Young, C.C.](#) 1973. Phytohormonal interactions in seed dormancy and germination. *Scientific Agriculture*. 21:375-381. (in Chinese)

(B) Conference Papers:

1. Ahmed, S., B.T. Kang, F.F. Campas A.C. Macaso, H.M.E. Herath, H.P.M. gunasena, E. Aragon, J.L. Brewbaker, and [C.C. Young](#)*. 1976. Studies on inter-cropping with grain legumes-A review of INPUTS trial III. Proceedings First Review Meeting of I. N. P. U. T. S. Project. Ed. S. Ahmed and M. Sadin, Honolulu Hawaii: East West Center, p.239-248.
2. [Young, C.C.](#)* 1983. Allelopathy in *Hemarthria altissima* and *Desmodium intortum* association. Proceedings of Seminar on Allelochemicals and Pheromones, National Science Council of R. O. C. p .87-96.
3. [Young, C.C.](#)*, and C.C. Chao. 1983. Legume production and application of *Rhizobium* in Taiwan. Proceedings of ROC-JAPAN Seminar on Promoting Nitrogen Fixation in Agriculture, p.39-44.
4. [Young, C.C.](#)* 1983. A continuous root exudates trapping system for the study of allelopathy. Proceedings of Joint Seminar of the National Chung Hsing University and California State University, Fresno on Modern Agricultural Science, p.153-163.
5. Hu. T.W., T.C. Juang, and [C.C. Young](#)*. 1986. The role of nitrogen fixing trees in soil biology. Proceedings of IUFRO Planning Workshop for Asia on Research and Technology Transfer.

6. [Young, C.C.*](#) 1986. Autointoxication of *Asparagus officinalis* L. In: The Science of Allelopathy, Chapter 6, A. R. Putnam and C. S. Tang, Eds., John Wiley and Sons, New York. p. 101-110.
7. [Young, C.C.*](#), T.C. Chou, and S.H. Chen. 1988. Autointoxication in the plant and soils of *Asparagus officinalis* L. Proceeding of the Fourth Symposium on Asparagus on Asparagus Research in Taiwan , 83-94). (in Chinese).
8. [Young, C.C.*](#) 1989. Application of microorganisms in organic farming. Symposium of Organic Farming, p. 105-112. (in Chinese).
9. [Young, C.C.*](#), and S.H. Chen. 1989. Allelopathic effect on yield reduction in continuous cultivation of asparagus. International Seminar on Yield Losses due to Continuous Cultivation. Korea, p. 13-1 to 13-2.
10. [Young, C.C.*](#), C.S. Tsai, and S.H. Chen. 1988. Allelochemicals in rhizosphere soils of *Dendrocalmus latiflorus* munro and *Asparagus officinalis* L. In Phytochemical Ecology: Allelochemicals, Mycotoxins, and Insect Pheromones and Allomones. Academic Sinica, Monograph Series No. 9:227-233.
11. [Young, C.C.*](#), and S.H. Hsiao. 1989. The study on characteristics and organic matter in the sediment of cultural ponds. COA Fisheries Series 16:221-253. (in Chinese).
12. [Young, C.C.*](#), and C.C.Chen. 1989. Research and planning on the improvement of Taiwan soil fertility. The Society of Soil and Fertilizer of ROC. P.1-38. (in Chinese)
13. [Young, C.C.*](#), C.C. Chen and J.H. Chen. 1990. Detail planning on the improvement of Taiwan soil fertility. The Society of Soil and Fertilizer of ROC. P.1-60. (in Chinese)
14. [Young, C.C.*](#) 1990. Vegetable Quality and Management of Soil Fertility. Proceeding of a Symposium on Vegetable Quality and Management. (in Chinese)
15. [Young, C.C.*](#) 1990. The Role and Application of Organic Matter on Orchard Soils. Proceeding of a symposium on Fruit Tree Nutrition and Orchard Soil Management: 65-72. (in Chinese)
16. [Young, C.C.*](#), C.L. Chen and C.C. Chao. 1990. Effect of Rhizobium, VA mycorrhiza and phosphate solubilizing bacteria on yield and mineral phosphate uptake on crops in subtropical-tropical soils. 14th International Congress of Soil Science. Symposium session of Commission III: 55-60.

17. [Young, C.C.*](#) 1990. Effects of Biofertilizer on the Growth and P Uptake of Legumes. Proceedings of a Symposium on Soil and Fertility Management of Legume Crops. 217-225. (in Chinese)
18. [Young, C.C.*](#) 1991. Soil and Fertilizer Management for Plant Growth in Soil and Water Conservation. Weed Science Bulletin 12:57-62. (in Chinese)
19. [Young, C.C.](#), Y.S. Kao, Z.J. Chen, L.F. Chen. 1991. The Study on Organic Matter in Sediment of Shrimp Ponds. OA Fisheries Series No.28:187-225. (in Chinese)
20. [Young, C.C.*](#) 1991. Improvement of organic humus for slopeland soils. Forestry Series No.32:51-56. (in Chinese)
21. [Young, C.C.*](#) 1991. Application of biofertilizers for forestry seedlings and extension. Proceeding in Symposium of Forestry Techniques for Main Forestry Species 132-139. (in Chinese)
22. [Young, C.C.*](#) 1992. Important points of soil conservation and management in slopeland. Proceedings of a Symposium on Soil Erosion and Conservation (in Chinese) p. 105-114.
23. [Young, C.C.*](#) 1992. Selection and application of Rhizobia, VA mycorrhiza and P-solubilizing microorganisms for trees in Taiwan soils. Proceedings of the Joint International Symposium Air Pollution, Soil Microbiology and Biotechnology of Forestry. p129-141.
24. [Young, C.C.*](#), C.S. Tsai and M. Chang. 1992. Allelopathic substances and its decomposition in the soil. In Recent Advances in botany, H. I. Hsing and C. H. Chou (eds), In Commemoration of the 30th Anniversary of the Institute of Botany, Academia Sinica p.335-339. (in Chinese)
25. [Young, C.C.*](#) 1992. The application of high performance liquid chromatography in soil science. International Scientific Instrument Technology Workshop. p.1-7.
26. [Young, C.C.*](#) 1992. The application of gas chromatography in soil science. International Scientific Instrument Technology Workshop. p.1-10. (Nov. 19, 1992).
27. [Young, C.C.*](#) 1992. Study of soil adaptation problems for silviculture on farms. Proceeding for 1992 ROC Multi-Purpose Tree Species Meeting. p.63-69. (in Chinese)
28. [Young, C.C.*](#) 1993. Selection and application of soil Rhizobia, VA mycorrhiza, and p-solubilizing bacteria. Proceedings of a symposium on Forestry Education

- of 81 Academic Year Taiwan Province Agricultural High School. p.258-268. (in Chinese)
29. [Young, C.C.*](#) 1993. Relationship of the management of soil fertilization and crop diseases. Proceeding for Symposium of Vegetable Protection p.299-305. (in Chinese)
 30. [Young, C.C.*](#) 1993. Soil organic matter and vegetable cultivation. Proceeding of Conference on Production and Future Perspectives of Vegetables. p.129-136. (in Chinese)
 31. [Young, C.C.*](#) 1993. Phenolic compounds in soils. Memorial Lectures in Commemoration of Eightieth Birthday of the late Professor Dr. Thomas S.C. Wang. In Second International Conference on the Biogeochemistry of Trace Elements. Sept. 5, 1993.
 32. [Young, C.C.*](#), C.S. Tsai and M. Chang. 1993. Allelopathic substances and their detoxification in soils. Recent Advances in Botany. In Commemoration of the 30th Anniversary of the Institute of Botany, Academia Sinica Taipei, Taiwan, ROC. Dec. 7-11, 1992. Monograph Series No.13, p.335-339.
 33. [Young, C.C.*](#) 1994. Amendment and remediation of soil. Session of Industrial Park Cleaning Technology. Industrial Development Bureau, Ministry of Economic Affairs. p.9-14. (in Chinese)
 34. [Young, C.C.*](#) 1994. Application and development of nitrogen fixing bacteria. Proceeding of Conference on Exploiting microbial fertilizers. p.5-14. (in Chinese)
 35. [Young, C.C.*](#) 1994. Development and application of indigenous biological fertilizers. Proceeding of Conference on Development and Extension of Sustainable Agriculture.p.37-46. (in Chinese)
 36. [Young, C.C.*](#), and C.H. Su. 1994. The influence of organic matter on soil nutrition and plant growth. Proceeding of Conference on Application of Composting Technology. p.265-279. (in Chinese)
 37. [Young, C.C.*](#), C.T. Chang and F.P. Chang. 1994. Phosphate solubilization by microorganisms and its application. Proceeding of Conference on Development and Exploiting Biofertilizers. p.87-98. (in Chinese)
 38. Chang, F.P., and [C.C. Young*](#). 1994. Ecological investigation and application of phosphate solubilizing bacteria in tea garden. Proceeding of Conference on Development and Exploiting Biofertilizers. p.115-130. (in Chinese)

39. [Young, C.C.*](#) 1994. Soil, plant, Rainfall and air analysis in Te-Chi Reservoir (2). Committee of Management of Water Resource from Economic Affairs.p.1-42. (in Chinese)
40. [Young, C.C.*](#) 1994. Selection and application of biofertilizer in Taiwan agriculture. Rural Development Administration, and Food and Fertilizer Technology Center 1-19. Seminar on "The Use of Microbes and Organic Fertilizers in Agricultural Production" in Korea.
41. [Young, C.C.*](#) 1994. Selection and application of biofertilizer in Taiwan agriculture. Rural Development Administration, and Food and Fertilizer Technology Center. 1-19.
42. [Young, C.C.*](#), and L.F. Chen. 1995. Effects of specific organic fertilizers—peat and humic acid on agricultural production. Seminar on Optimum Application of Organic Fertilizers. p.11-1~11-28. (in Chinese)
43. [Young, C.C.*](#) 1995. Soil, plant, Rainfall, air and residues of pesticide analysis in Te-Chi Reservoir (3). Committee of Management of Water Resource from Economic Affairs. p.1-33. (in Chinese)
44. [Young, C.C.*](#) 1995. Cultivation in the salt water. Proceeding of Conference on the Circulation and Exploiting of Water Resource for the Cultivation. Special Issue of Fishery, Council of Agriculture 51: 215-225(in Chinese).
45. [Young, C.C.*](#) 1995. Conspectus for the management of soil and planting materials in potted flowers. Association of Development of Potted Flowers of China. p.15-22. (in Chinese)
46. [Young, C.C.*](#) 1995. Control for the plant pathogens and fertilizer management. Training Courses for the Production and Application of Biological Pesticides. Industrial Development Bureau, Ministry of Economic Affairs and Development Center for Biotechnology. p.1-7-1~1-7-14. (in Chinese)
47. [Young, C.C.*](#), and C.C. Chao. 1995. The problems and perspectives of the soil quality in Taiwan. Proceeding of Conference on the Relationship between Microorganisms and Soil Quality. p.99-107. (in Chinese)
48. [Young, C.C.*](#) 1996. Management of fertilization for mycorrhizal fungi. Training Courses for the Production of Mycorrhizal Fungi. Association of Sustainable Agriculture. p.8-1~8-2. (in Chinese)
49. [Young, C.C.*](#) 1997. The application and development of nitrogen fixing and phosphate solubilizing microorganisms. Proceeding of Conference on

- Application of beneficial microorganisms in Agriculture. Association of Sustainable Agriculture of China. p.11-26. (in Chinese)
50. [Young, C.C.*](#) 1997. Amendment and remediation of soil. Session of Industrial Park Cleaning Technology. Industrial Development Bureau, Ministry of Economic Affairs. p.53-57. (in Chinese)
 51. [Young, C.C.*](#) 1996. Biological N₂ fixation and P-solubilizing bacteria. International Training Workshop on Microbial Fertilizers and Composting. p. 1-14.
 52. [Young, C.C.*](#) 1996. Methodology in allelopathic substances extracted from soils. First World Congress on Allelopathy - A Science for the Future. p. 1-17.
 53. [Young, C.C.*](#) 1997. Source and sink of nitrogen volatile gases in soils. The Effect of Human Disturbance on the Nitrogen cycle in Asia. SCOPE Nitrogen Workshop. p. 9.
 54. Waller, G.R., C.F. Yang, L.F. Chen, C.H. Su, R.M. Liou, S.C. Wu, [C.C. Young*](#), M.R. Lee, J.S. Lee, C.S. Cheng, C.H. Chou, and D. Kim. 1997. Saponins produced during the life cycle of mungbeans and their role as allelochemicals. International Symposium on Plant Glycosides, Kunming, China, August 12-15.
 55. [Young, C.C.*](#) 1997. Interactions between plant and rhizobia. Proceeding of Conference on Interaction between Plant and other Organisms. p.1-12. (in Chinese)
 56. [Young, C.C.*](#) 1998. Production and application of biological agents in soil. Proceeding of Conference on Balance for Agriculture and Ecosystem 7:1-6. (in Chinese)
 57. [Young, C.C.*](#), and L.J. Hung. 1998. Characterization of four phosphate solubilizing rhizobia from legumes. Proceeding of 2nd Taiwan-Mainland China Conference on Soil Fertilizer. (in Chinese)
 58. Jen, S.Y. T.C. Juang, S.W. Lin, [C.C. Young*](#), and W.L. Chao. 1998. Comparison of the physiological characteristics between fluorescence tagged and wild type phosphate solubilizing bacteria. Proceeding of 2nd Taiwan-Mainland China Conference on Soil Fertilizer. (in Chinese)
 59. Chen, G.W., Y.F. Tsai and [C.C. Young*](#). 1998. Application of mycorrhizal fungi in the cultivation of babies'breath. Proceeding of 2nd Taiwan-Mainland China Conference on Soil Fertilizer. (in Chinese)

60. [Young, C.C.*](#), C.C. Chao, and C.W. Liu. 1998. Uptake and emission by the addition of greenhouse effect gases in orchard and forest soils on the center and south area of Taiwan. Western Pacific Geophysics Meeting-A42A-3.
61. [Young, C.C.*](#), and C.T. Wu. 1998. Plant growth and degradation of phenolic acid by *Bacillus*, *Pseudomonas*, and *Rhizobium* spp. Symposium on Allelopathy in Sustainable Agriculture, 1X Pacific Science-Inter-Congress.
62. [Young, C.C.*](#) 1998. Researches and application of indigenous nitrogen fixing and phosphate solubilizing microorganisms. Proceeding of Conference on Application of biotechnology in Agriculture Production. Microbiology Society of China and Biomass Energy Society of China.p.285-300. (in Chinese)
63. [Young, C.C.*](#) 1998. Manufacture and exploitation of biological fertilizers. Proceeding of Conference on the Soil Quality and Productivity. Soil Fertilizer Society of China. p.3 (in Chinese)
64. [Young, C.C.*](#) 1998. Report of the Project from National Science Council entitled Improvement of Soil Quality and Crop Productivity. Proceeding of Conference on Soil Quality and Crop Productivity. Soil Fertilizer Society of China. p.9-11. (in Chinese)
65. [Young, C.C.*](#) 1999. Researches and application of biofertilizers. Proceeding of Conference on Application of Biotechnology in Sustainable Agriculture. Association of Sustainable Agriculture of China and Agricultural Research Institute, Council of Agriculture, Executive Yuan. p.25-26. (in Chinese)
66. [Young, C.C.*](#) 1999. Researches and application of nitrogen fixing and phosphate solubilizing microorganisms. Proceeding of Conference on the Introduction of novel technology in Agriculture .p.19. (in Chinese)
67. [Young, C.C.*](#), and F.C. Ko. 1999. Application of the stabilization technology for organic waste treatment. Proceeding of Conference on the Treatment of Agricultural Organic Waste. Biomass Energy Society of China . p.53-61. (in Chinese)
68. [Young, C.C.*](#) 1999. Amendment of soil in golf course. Report of Improvement of the Water Soil Preservation in Golf Course. Golf Association of China, Executive Yuan. (in Chinese)
69. [Young, C.C.*](#) 1999. Development of biological fertilizer and protection of soil ecosystem. Proceeding of Conference on 21 century of Soil Environment and Fertilizer. Soil Fertilizer Society of China. (in Chinese)

70. [Young, C.C.](#)* 1999. Soil microbiology and biochemistry. Training courses for the Application of Biotechnology of Industrial Development Bureau, Ministry of Economic Affairs. p.1-9. (in Chinese)
71. [Young, C.C.](#)* 2000. Management of Soil and Fertilizer in golf course. Report of Management of Pesticide and Rainfall in Golf Course. National Council on Physical Fitness and Sports. p.5-14. (in Chinese)
72. [Young, C.C.](#)* 2000. Organisms in the soil. Courses for the Management of Soil. Department of Soil and Environmental Sciences, National Chung Hsing University. p.1-6. (in Chinese)
73. [Young, C.C.](#)* 2000. Characteristics and application of biofertilizers. Department of Soil and Environmental Sciences and Center for Soil Analysis, National Chung Hsing University. p.7-1~7-3. (in Chinese)
74. Chang, M.F., and [C.C. Young](#)*. 2000. Promotion of the availability of organic phosphate and the quality of organic fertilizer by using highly efficient phytase. Proceeding of Conference on the Application of Organic Fertilizer. p.13-27. (in Chinese)
75. Chang, M.F., and [C.C. Young](#)*. 2000. Promotion of the availability of organic phosphate and the quality of organic fertilizer by using highly efficient phytase. Proceeding of Conference on Reasonable Fertilization of Organic Fertilizer . p.175-183. (in Chinese)
76. [Young, C.C.](#)* 2001. The effects of different treatments on soil quality and crop productivity in the paddy-upland rotation system. Proceeding of 4th Conference on Soil and Fertilizer . p.13-16. (in Chinese)
77. Juang, C.F., M.L. Chiu., H.P. Liu., C.J. Lu, and [C.C. Young](#)*. 2001. Bioremediation of PAHs-contaminated site and the substrate effects. IWA 2ND World water congress efficient water management – making it happen. pp. 258~259.
78. Juang, C.F., M.T. Lee, [C.C. Young](#), C.J. Lu, and Y.P. Chen . 2001 Characterization of biodegradation and microbial activity from several PAH degrading bacteria. Proceeding of 26th Conference on wastewater treatment (in Chinese)
79. Juang, C.F., M.L. Chiu. M.T. Lee, C.J. Lu, and [C.C. Young](#)*. 2001. Biodegradative capabilities and requirement for oxygen of several PAH degrading bacteria. Proceeding of 16th Conference on solid waste treatment. (in Chinese)
80. Juang, C.F., M.L. Chiu., H.P. Liu., C.J. Lu, and [C.C. Young](#)*. 2001. Bioremediation of PAHs-contaminated site and the substrate effects. International Water

Association (IWA) 2nd World Water Congress. Berlin, Germany. (Plan No. : NSC89-2211-E-005-002).

81. [Young, C.C.*](#) 2001. Exploiting multi-functional biofertilizers combined with organic fertilizers (1). National Technology Project in Agriculture Biotechnology - Environmental Protection Forum. p.24-26. (in Chinese)
82. Juang, C.F., M.L. Chiu., C.J. Lu, and [C.C. Young*](#). 2002. Bioremediation of PAHs-contaminated site and the promotional strategies. International Water Association (IWA) 3rd World Water Congress. Melbourne, Australia. (Plan No. : NSC89-2211-E-005-002) (oral presentation).
83. [Young, C.C.*](#) 2002. Collections and investigation of bioresources to exploit the diversity of bacteria. Agricultural Association of China. p.39-42. (in Chinese)
84. [Young, C.C.*](#), S.S. Yang, and S.Y. Chien. 2002. Exploiting multi-functional biofertilizers combined with organic fertilizers. National Technology Project of Agriculture Biotechnology-Environmental Protection Forum. (in Chinese)
85. [Young, C.C.*](#) 2002. Study on soil ecology and productivity improvement of the maize-rice cropping in Taiwan. Workshop on long term ecological research in agricultural ecosystems. Taiwan agricultural research institute and Chinese forestry association. p. 8.
86. [Young, C.C.*](#) 2003. Application of biofertilizer in the cultivation of grapes. Proceeding of Conference on Techniques for the Cultivation of Grapes in Taichung District Agricultural Research and Extension Station, Council of Agriculture, Executive Yuan. p. 5. (in Chinese)
87. [Young, C.C.*](#) 2003. Application of biofertilizer in sustainable agriculture. Proceeding of Conference on the Diversity of Microorganisms and Their Roles in Sustainable Agriculture. Department of Plant Pathology and Microorganisms, National Taiwan University. p. 48-54. (in Chinese)
88. [Young, C.C.*](#) 2003. Exploitation and application of biofertilizers. Proceeding of Conference on Plant Protection and Sustainable Management. Plant Protection Society of China. p.259-266. (in Chinese)
89. Chou, C.H., and [C.C. Young*](#). 2003. The relationship between plant allelopathy and microorganism. Proceeding of Conference on the Application of Microorganisms in Agriculture and Industry. Institute of Microorganisms and Biochemistry, National Taiwan University and Institute of Biotechnology, National Pingtung University of Science and Technology. p.29-51. (in Chinese)

90. [Young, C.C.*](#), C.C. Chao, and M.H. Hung. 2003. Researches and application of ferric phosphate solubilizing biofertilizers. Proceeding of Conference on the Application of Microorganisms in Agriculture and Industry. Institute of Microorganisms and Biochemistry, National Taiwan University and Institute of Biotechnology, National Pingtung University of Science and Technology. p.167-176. (in Chinese)
91. [Young, C.C.*](#), F.T. Shen., W.A. Lai., M.H. Hung., W.S. Huang., A.B. Arun. and H.L. Lu. 2003. Biochemical and molecular characterization of phosphate solubilizing bacteria from Taiwan soil. 2nd International Symposium on Phosphorus Dynamics in the Soil-Plant Continuum. p.44-45.
92. [Young, C.C.*](#) 2003. The position of Higher Education within the Regional and Multicultural Framework. Proceedings of the Presidents' forum of southeast Asia Universities. Ministry of Education and National Cheng Kung University. p.22-23.
93. [Young, C.C.*](#) 2003. Issues in Benchmarking of Higher Education in southeast Asia. Proceedings of the Presidents' Forum of Southeast Asia Universities. Ministry of Education and National Cheng Kung University. p.102-103.
94. [Young, C.C.*](#), C.Y. Wang, and U.S. Tsai. 2003. Transformation organic kitchen wastes and leather powders to organic fertilizers. Proceeding of Conference on Cleaning Production and Sustainable Agriculture. p.43-44. (in Chinese)
95. [Young, C.C.*](#) 2004. Management of soil microorganisms and plant health. Books for the Management of Plant Health. Integrated Agricultural Development Foundation. p.27-34. (in Chinese)
96. [Young, C.C.*](#), W.A. Lai., F.T. Shen., M.H. Hung., W.S. Huang, and A.B. Arun. 2004. Exploring the microbial potentiality to augment soil fertility in Taiwan. Soil management technology on low-productivity and degraded soils. The 6th ESAFS International conference. p.25-28.
97. [Young, C.C.*](#) 2004. Transformation of kitchen waste to liquid fertilizers. Environmental Protection Forum. Office of National Technology Project in Agriculture Biotechnology. p. 9-12. (in Chinese)
98. [Young, C.C.*](#), F.T. Shen., A.B. Arun., W.S. Yan., C.R. Liao., M.H. Hung, and J.L. Huang. 2004. Diversity of beneficial microorganisms and their interactions in soils from agro-ecosystem. International Symposium on Impacts of soil Biodiversity on biogeochemical Processes in ecosystems & workshop on

Molecular Methods in Soil biological and biochemical diversity in Terrestrial Ecosystems. Taiwan Forestry Research institute. p.38-39.

99. Lin, T.C., M.J. Ho, F.T. Shen, F.L. Lu, and [C.C. Young](#)*. 2004. Characteristics and mechanisms of floating behavior by indigenous diesel degrading bacteria. Proceeding of 9th Conference on Biochemical Engineering. Society of Biochemical Engineering. (in Chinese)
100. [Young, C.C.](#)* 2004. The function and application of biofertilizer. Proceeding of Conference on the Management of Crop Health. Tau-Tuan District Agricultural Research and Extension Station, Council of Agriculture, Executive Yuan. p.11-19. (in Chinese)
101. [Young, C.C.](#)*, C.C. Chao, and M.H. Hung. 2004. Efficiency and application of ferric phosphate solubilizing bacteria. Proceeding of 5th Taiwan-Mainland China Conference on Soil Fertilizer. Soil Science Society of China. p.294-300. (in Chinese)
102. [Young, C.C.](#)*, M.J. Ho., T.C. Lin., F.T. Shen, and H.L. Lu. 2004. Characterizing floating activity of certain bacteria for the effective degradation of oils. International Symposium of Environmental Biotechnologies on Bioenergy and Bioremediation. National Cheng Kung University, Taiwan, R.O.C and 21 COE GREEN ENERGY, Nagaoka University Technology, Japan. p. 60-61.
103. Shen, F.T., T.C. Lin., M.J. Ho., H.L. Lu., W.S. Huang, and [C.C. Young](#)*. 2004. Phylogenetic analysis and characterization of diesel oil degrading bacteria isolated from oil-contaminated soils. International Symposium of Environmental Biotechnologies on Bioenergy and Bioremediation. National Cheng Kung University, Taiwan, R.O.C and 21st COE GREEN ENERGY, Nagaoka University Technology, Japan. p. 169-170.
104. Lu, H.L., F.T. Shen., Z.C. Chao, and [C.C. Young](#)*. 2004. Motility Effect of *Serratia marcescens* CC-YM2-1 and *Chryseobacterium* sp. CC-H3-2 During Transportation in Flow-Through Saturated Soil Columns. International Symposium of Environmental Biotechnologies on Bioenergy and Bioremediation. National Cheng Kung University, Taiwan, R.O.C and 21st COE GREEN ENERGY, Nagaoka University Technology, Japan.p.171-172.
105. [Young, C.C.](#)*, M.J. Ho, and T.C. Lin. 2004. Selection of suitable floating bacteria and assisting substances to enhance bioremediation efficiency of diesel-degrading microorganisms. International Symposium of Environmental Biotechnologies on Bioenergy and Bioremediation. National Cheng Kung

University, Taiwan, R.O.C and 21st COE GREEN ENERGY, Nagaoka University Technology, Japan.p.175-176.

106. [Young, C.C.*](#), W.L. Choa, C.C. Lou, S.N Haung, S.S. Zun, and W.F Chu. 2004. Collection and application of indigenous soil microorganism. Projects of Agricultural Technology from Chung-Cheng Foundation. Chung-Cheng Foundation and Department of Horticulture, National Chung Hsing University. p.1-13. (in Chinese)
107. [Young, C.C.*](#), F.T. Shen., A.B. Arun., M.H. Hung., W.A. Lai, and W.S. Huang. 2004. Exploring diversity of culturable nitrogen fixing organisms to increase soil fertility. Impacts of Population Growth and Economic Development on the Nitrogen Cycle: Consequences and Mitigation at Local, Regional and Global Scales. The third international nitrogen conference. Institute of Soil Science. p.75.
108. [Young, C.C.*](#), C.H. Su., G.C. Li., M.C. Wang, and A.B. Arun. 2004. Relating nitrogen assimilation by humic acid with chemical composition change in alkaline extraction method. Impacts of Population Growth and Economic Development on the Nitrogen Cycle: Consequences and Mitigation at Local, Regional and Global Scales. The third international nitrogen conference. Institute of Soil Science. p. 97.
109. [Young, C.C.*](#), W.A. Lai., F.T. Shen., W.S. Huang, and A.B. Arun. 2004. Characterization of multifunctional biofertilizer from Taiwan and biosafety considerations. International Symposium on Future development of Agricultural Biotechnology park. The Symposium Series for celebrating the Establishment of the Agricultural Biotechnology Park, Council of agriculture, Executive Yuan, & the 80th Anniversary of National Pingtung University of Science and Technology. p. 373-388.
110. [Young, C.C.*](#) 2004. Production and application of liquid organic fertilizers. Proceeding of Conference on International Certification of organic materials. Books for the Management of Plant Health. Integrated Agricultural Development Foundation. p.143-152. (in Chinese)
111. [Young, C.C.*](#), W.A. Lai, F.T. Shen, W.S. Huang, and A.B. Arun. 2005. Quality improvement of poultry compost and plant growth promotion by inoculation of beneficial bacteria. Proceeding of Conference on Application of Microorganisms in Renewable Resource generated from industrial waste. China Institute of Technology. p.57-72. (in Chinese)

112. Shen, F.T., J.L. Lin, H.L. Lu, T.C. Lin, and [C.C. Young](#)*. 2005. Development of a rapid detection and quantification method for *Gordonia species* by real-time PCR using the Smart Cycler. 2005 Seminar on Environmental Analytic Chemistry, p.254. (in Chinese)
113. [Young, C.C.](#)* 2005. Development and application of Biofertilizers in Taiwan. Multi-country study mission on business potential for agricultural biotechnology products. The Asia Productivity Organization. 7-67~7-74.
114. [Young, C.C.](#)* 2005. Application of soil microorganisms. Proceeding of Conference on 21 century Development and Application of Novel Technology in Agriculture. Agricultural Association of China. (in Chinese)
115. Wu, G.i., F.L. Yang, W.A. Lai, W.S. Huang, and [C.C. Young](#)*. 2005. Estimation of nitrogen fixation, phosphate solubilization and organic matter mineralization from several bacterial isolates. Proceeding of 43th Conference on Agriculture Chemistry. Agricultural Chemical Society of Taiwan. p.100. (in Chinese)
116. [Young, C.C.](#)*, Shen, F.T., A.B. Arun, M.H. Hung, W.A. Lai, W.S. Huang, and P.D. Rekha. 2005. Exploring diversity of culturable nitrogen fixing organisms to increase soil fertility. In: Proceedings of the 3rd International Nitrogen Conference, 12-16th Oct. Nanjing, China. (in press).
117. Shen, F.T., and [C.C. Young](#)*. 2005. Relatedness of *Gordonia terrae* strain by comparative analysis of 16s rDNA, *gyrB* gene sequences and enzymatic profiles. In: Abstracts of XI the International Congress of Bacteriology and Applied Microbiology, p. 70-71.
118. Shen, F.T., H.L. Lu, and [C.C. Young](#)*. 2005. Exploring the actinomycetes Bioresource: New genus-specific primers for rapid identification of members of the genus *Gordonia* and screening for wild-type isolates from mountain soils. In: Abstracts of XI the International Congress of Bacteriology and Applied Microbiology, p.74-75.
119. Lu, H.L., F.T. Shen, C.C. Chou, and [C.C. Young](#)*. 2005. Biotic factors influencing transport of bacteria through flow-through saturated soil column. In: Abstracts of XI the International Congress of Bacteriology and Applied Microbiology, p. 132.
120. [Young, C.C.](#)* 2005. Efficiency and conspectus of application for biofertilizer. Proceeding of 1st Taiwan-Mainland China Conference on Agriculture Biotechnology. College of Life Science, Xiamen University and National Formosa University. p.14. (in Chinese)

121. Lin, T.C., M.J. Ho, M.S. Yea, F.T. Shen, J.S. Chang, and [C.C. Young*](#). 2005. Bioaugmentation of multi-functional bacteria in oil-contaminated soil. Proceeding of 3rd Conference on Soil and Groundwater. The Chinese Institute of Environmental Engineering. p.1-8. (in Chinese)
122. [Young, C.C.*](#) 2005. Exploitation and application of biofertilizers. A Manual of Agriculture Development in Chang-Hua. Changhua County Government and Chungchou Institute of Technology. p.43-44. (in Chinese)
123. [Young, C.C.*](#), M.J. Ho, T.C. Lin, and F.T. Shen. 2005. *Ex-situ* Bioremediation Potential of a Hydrocarbon Degrading Bacterial Consortium. 2nd International Symposium of Environmental Biotechnologies on Bioremediation. p. 19-20.
124. Shen, F.T., H.L. Lu, M.J. Ho, T.C. Lin, and [C.C. Young*](#). 2005. Rapid detection, identification and phylogenetic analysis of the metabolically diverse genus *Gordonia*. 2nd International Symposium of Environmental Biotechnologies on Bioremediation. p. 43-44.
125. Lai, W.A., M.I. Chen, E.C. Chen, W.S. Huang, F.T. Shen, and [C.C. Young*](#). 2005. Isolation and identification of protease and IAA producing bacteria from rhizosphere and compost. Proceeding of 43th Conference on Agriculture Chemistry. Agricultural Chemical Society of Taiwan. (in Chinese)
126. [Young, C.C.*](#), F.T. Shen, A.B. Arun, M.H. Hung, W.A. Lai, P.D. Rekha, and W.S. Huang. 2005. Exploring diversity of culturable nitrogen fixing organisms in Taiwan. The 3rd International Nitrogen Conference. Contributed papers. Science Press USA Inc. p. 211-215.
127. [Young, C.C.*](#) 2006. Analyses of agronomic treatments on the bacteria community structure and function in an upland paddy-maize crop rotation agroecosystem. The Workshop on Long-Term Ecological Research for Agricultural Ecosystem with KBS ETER of Michigan State University. March 8. p.1-4.
128. [Young, C.C.*](#) 2006. A Rapid and Innovative Fertilizer Production Technology from Organic Wastes. Biotechnology in Healthcare and Environmental Sciences Conference. North America Taiwanese Engineers' Association & Biotechnology Center, National Chung Hsing University. June 2. 2006. p.7.
129. [Young, C.C.*](#) 2006. Research and development of microbial fertilizer and green agriculture. Symposium on biotechnology and green agriculture. Society of sustainable agriculture and COA, ROC. p.23

130. [Young, C.C.*](#), C.C. Chaio, and F.T. Shen. 2006. Quality control and monitor of microbial agents by molecular techniques. Nationsl symposium of 10th soil microbiology and National Symposium 3nd on Production Technology of Biofertilizer. p.5-8
131. [Young, C.C.*](#), M.J. Ho, S.Y. Lin, and T.C. Lin. 2006. Development of a standard bacterial consortium for the efficient bioremediation of oil contaminated soil. 3rd International symposium of environmental biotechnology. National Cheng Kung University, Tainan, Taiwan. p.13-14
132. Lin, C.L., S.H. Shen, and [C.C. Young*](#). Characterization of naphthalene degradation by the *Gordonia terrae* strain CC-NAPH129-6 and its monitoring by real time PCR. 3rd International symposium of environmental biotechnology. National Cheng Kung University, Tainan, Taiwan. p.28
133. Cheng, S.S., [C.C. Young](#), I.C. Tseng, T.C. Chang, J.S. Chang, Y.H. Wei, L.M. Whang, P.W. Liu, T.C. Lin, Y.T. Liao, and P.T. Pan. 2006. A case study of bioremediation of diesel contaminated soil for ex-situ biopile. 3rd International symposium of environmental biotechnology. National Cheng Kung University, Tainan, Taiwan. p.29-30
134. Cheng, S.S., [C.C. Young](#), I.C. Tseng, T.C. Chang, J.S. Chang, Y.H. Wei, L.M. Whang, and T.C. Lin. 2006. Pilot study on Ex-situ Landfarming of TPH contaminated Soil. 3rd International symposium of environmental biotechnology. National Cheng Kung University, Tainan, Taiwan. p.40-41
135. Shen, F.T., M. Goodfellow, A. L. Jones, Y.P. Chen, A.B. Arun, W.A. Lai, P.D. Rekha, and [C.C. Young*](#). 2006. Systematic classification of indigenous *Gordonia* species isolated from Taiwan. 3rd International symposium of environmental biotechnology. National Cheng Kung University, Tainan, Taiwan. p.78-79
136. [Young, C.C.*](#), S.Y. Lin, and T.C. Lin. 2006. Enhanced biodegradation of crude oil by an indigenous bacterial consortium developed in Taiwan. 3rd International symposium of environmental biotechnology. National Cheng Kung University, Tainan, Taiwan. p.137
137. Lin, T.C., S.S. Chang, Y.T. Liao, C.H. Kao, and [C.C. Young*](#). 2006. Assessment of microbial activity in a consortium selected for diesel degradation. 3rd International symposium of environmental biotechnology. National Cheng Kung University, Tainan, Taiwan. p.138

138. Lin, T.C., M.J. Ho, S.Y. Lin, F.T. Shen, and [C.C. Young](#)*. 2006. Exopolysaccharides produced by *Gordonia* alkanivorans CC-JG39 enhances bacteria mediated diesel degradation. 3rd International symposium of environmental biotechnology. National Cheng Kung University, Tainan, Taiwan. p.146
139. [Young, C.C.](#)* 2006. Prospects and development for biofertilizer industry. 2006 Taiwan Biotechnology Forum. National Pingtung University Biotechnology Center and National Science Council. p.61-71. (in Chinese)
140. [Young, C.C.](#)* 2006. Development of Items for Microbial Fertilizers. 2006 Symposium of Soil and Fertilizer Sciences. Chinese Fertilizer Society.p.1-11.(in Chinese)
141. Lin, C.C., [C.C. Young](#), and S.N. Hung. 2006. Study of the addition of organic wastes from the glutamate and pulp industries for improvement of humification .Proceeding of 6th Taiwan-Mainland China Conference on Soil and Fertilizer Sciences. Chinese Society of Soil and Fertilizer Sciences, and Science Society of China. p.133-142.(in Chinese)
142. Wu, C.H., Y.H. Shih, and [C.C. Young](#)*. 2006. Bio-technological development of salmonella testing. Proceeding of 6th Taiwan-Mainland China Conference on Soil and Fertilizer Sciences. Chinese Society of Soil and Fertilizer Sciences, and Science Society of China. p.253-258.(in Chinese)
143. Shen, F.T., and [C.C. Young](#)*. 2006. Molecular testing, classification and identification of Actinomycete-*Gordonia*. Proceeding of 6th Taiwan-Mainland China Conference on Soil and Fertilizer Sciences. Chinese Society of Soil and Fertilizer Sciences, and Science Society of China. p.41.(in Chinese)
144. Rekha, P.D., W.A. Lai, A.B. Arun, and [C.C. Young](#)*. 2006. Effect of free and encapsulated *Bacillus subtilis* CC-pg104 on plant growth under gnotobiotic conditions. Proceeding of 6th Taiwan-Mainland China Conference on Soil and Fertilizer Sciences. Chinese Society of Soil and Fertilizer Sciences, and Science Society of China. p.42.(in Chinese)
145. [Young, C.C.](#)*, M.J. Ho, and F.T. Shen. 2006. Development of superior floating bacteria on oil polluted bioremediation. Proceeding of 6th Taiwan-Mainland China Conference on Soil and Fertilizer Sciences. Chinese Society of Soil and Fertilizer Sciences, and Science Society of China. p.43. (in Chinese)
146. [Young, C.C.](#)* 2006. Application functions and essentials of biofertilizers. Proceeding of 1st Taiwan-Mainland China Conference on Agricultural

- Biotechnology. National Formosa University and Xiamen University.p.61-71.
(in Chinese)
147. [Young, C.C.](#)* 2006. Research and development of microbial fertilizer and green agriculture. Proceeding of Symposium on Biotechnology and Green Agriculture, special edition no. 127 of Taiwan Agricultural Research Institute. Council of Agriculture, Executive Yuan and Chinese Society of Sustainable Agriculture p.11-18. (in Chinese)
 148. Lin, C.C., [C.C. Young](#), H.Z. Lin, and S.N. Huang. 2006. The Changes of Dissoluble organic carbon in submerged soil amended with green manures. Tainan District Agricultural Research & Extension Station, Tainan, Taiwan 47:13-30
 149. Shen, F.T., M.J. Ho, C.T. Hung, and [C.C. Young](#)*. 2007. Molecular detection of *Gordonia* in heavy oil polluted soil. Proceeding of 45th Conference on Agriculture Chemistry. Agricultural Chemical Society of Taiwan. p.63. (in Chinese)
 150. [Young, C.C.](#)*, W.S. Yen, W.A. Lai, F.T. Shen, A.B. Arun, P.D. Rekha, J.H. Chou, and P. Kämpfer. 2007. *Comamonas compostus* sp. nov., isolated from the food waste compost. Proceeding of 45th Conference on Agriculture Chemistry. Agricultural Chemical Society of Taiwan. P126. (in Chinese)
 151. [Young, C.C.](#)*, and F.T. Shen. 2007. Exploitation of indigenous novel bacteria in Taiwan and their use as microbial fertilizer. Proceeding of Taiwan-Mainland China Symposium on Intellectual Property Protection. The Chinese Academy of Agricultural Sciences and China National Light Industry(Group) Corp., Peking. p.123-140. (in Chinese)
 152. [Young, C.C.](#)*, H.R. Huang, A.B. Arun, F.T. Shen, and P.D. Rekha. 2007. Effect of chemical and organic fertilizers on soil microbial diversity. Proceeding of International Symposium on Soil Biodiversity and Ecology. Biodiversity Research Center of National Taiwan University, Taiwan, Taipei. p.111-123.
 153. [Young, C.C.](#)* 2007. Principle and application of the composting-free technology.Taiwan-Mainland China Symposium on Fast Treatment of Organic Wastes. Chinese Society of Microbiology and Chinese Society of Plant Nutrition and Fertilizer , Peking. p.1-6. (in Chinese)
 154. [Young, C.C.](#)* 2007. Development and application of biofertilizers in the Republic of China. In Business Potential for Agricultural Biotechnology Products. The Asia Productivity Organization, Tokyo. 51-57.

155. [Young, C.C.*](#) 2007. Development of multifunctional biofertilizers. 2007 Proceeding of Symposium on Achievement of Agricultural Biotechnology Development and Industrial Production. Taiwan Institute of Economic Research p.1-5.
156. Chang, M.H., [C.C. Young*](#), S.Y. Chien, and S.H. Su. 2007. Construction and application of recombinant *Pichia pastoris* X33 phytase(phyA) for releasing P from soybean, rapeseed and sunflower meal. Proceeding of 2007 Symposium on Organic farming Conference in Chinese Society of Soil and Fertilizer Sciences, p.72-73.(in Chinese)
157. Shen, F.T., M.J. Ho, J.L. Lin, H.R. Huang, and [C.C. Young*](#). 2007. Phylogenetic analysis of *Gordonia* members in heavy oil contaminated soils by culture-dependent and culture-independent approaches. Proceedings of Management of organic farming system. December 15. Taichung, Taiwan. p.130-131. (in Chinese)
158. Lai, W.A., P.D. Rekha, and [C.C. Young*](#). 2007. Growth of garden lettuce by inoculation of nitrogen fixing *Azospirillum* strains in green house. Proceedings of Management of organic farming system. December 15. Taichung, Taiwan. p.144-145. (in Chinese)
159. [Young, C.C.*](#), and F.T. Shen. 2007. Application of microbial fertilizers in organic farming. Proceedings of Management of organic farming system. December 15. Taichung, Taiwan. p.23-30. (in Chinese)
160. [Young, C.C.*](#) 2007. Relationships of healthy soil, soil microbial diversity and soil sustainable managements. Proceedings of the Forum on Safety Agriculture and Environmental Protection of 2007 Agricultural Union Society of R.O.C. p.47-55
161. [Young, C.C.*](#) 2007. Global warming and environmental protection in the natural views. Proceedings of 6th Symposium on Tienzu Realisty of Doctrines of T'ienti p.140-144
162. Chien, S.Y., [C.C. Young](#), and C.L. Wang. 2007. Current Status of Biofertilizers Development, Farmer's Acceptance and Their Utilization, and Future Perspective In Taiwan. Proceedings of International workshop on appropriate use of bio-fertilizers and bio-pesticides for small-scale farmers in the Asian and Pacific region". Published by Food and Fertilizer Technology Center for the Asian and Pacific Region. p.132-141
163. [Young, C.C.*](#) 2008. An innovative technology for rapid conversion of organic

wastes to organic fertilizer. Seminar for Distinguished Visiting Scholar, the College of Tropical Agriculture and Human Resources, University of Hawaii, USA, slide 1-75.

164. [Young, C.C.](#)* 2008. Mechanisms of plant growth promotion by multifunctional soil microbes: development and evaluation of plant growth-promoting microbial fertilizers. Seminar for Distinguished Visiting Scholar, the College of Tropical Agriculture and Human Resources, University of Hawaii, USA, slide 1-91.
165. [Young, C.C.](#)* 2008. Development of indigenous novel bacteria for organic waste decomposition in Taiwan. Symposium on Bioenergy, Academia Sinica, ROC. (in Chinese)
166. Shen, F.T., J.L. Lin, C.C. Huang, I.L. Ho, and [C.C. Young](#)*. 2008. Detection and identification in catechol 1,2-dioxygenase of *Gordonia* for oil contamination. Proceeding of 46th Conference on Agriculture Chemistry. Agricultural Chemical Society of Taiwan. p.51. (in Chinese)
167. [Young, C.C.](#)* 2008. Development and application of microbial fertilizer. Proceeding of Symposium on Application and Development of Agricultural Environment. Chinese Fertilizer Association and Tainan Strict of Agricultural Station. p.37-51. (in Chinese)
168. Shen, F.T., M.J. Ho, J.L. Lin, C.C. Huang, Y.N. Ho, S.S. Cheng, A.B. Arun, T.C. Lin, and [C.C. Young](#)*. 2008. Molecular detection of *Gordonia* populations and catechol 1,2-dioxygenase gene from heavy oil contaminated soils. Proceeding of the 4th International Symposium of Environmental Biotechnology. National Cheng Kung University, Taiwan. p.131.
169. [Young, C.C.](#)*, M.J. Ho, F.T. Shen, S.Y. Lin, and C.Y. Chen. 2008. *Pseudoburkholderia malthae* gen. nov., sp. nov., a novel *Betaproteobacterium* Isolated from Oil Contaminated Site. Proceeding of the 4th International Symposium of Environmental Biotechnology. National Cheng Kung University, Taiwan. p.57-58
170. Lin, S.Y., F.T. Shen, M.J. Ho, T.C. Lin, and [C.C. Young](#)*. 2008. Phenotypic and Genotypic Characterization of Heavy Fuel Oil Degrading Bacteria. Proceeding of the 4th International Symposium of Environmental Biotechnology. National Cheng Kung University, Taiwan. p.93-94.
171. Shen, F.T., and [C.C. Young](#)*. 2008. Molecular detection, classification and identification of members of the genus *Gordonia*. International Workshop:

Research and Status of Taiwan Species Diversity. The Forestry Bureau-Council of Agriculture Executive Yuan, Society of Natural Ecology Conservation, National Science Council, and Biodiversity Research Center, Academia Sinica.p.195-196.

172. [Young, C.C.*](#), F.T. Shen, W.A. Lai, A.B. Arun, and P.D. Rekha. 2008. Exploration of novel indigenous bacteria in Taiwan. International Workshop: Research and Status of Taiwan Species Diversity. The Forestry Bureau-Council of Agriculture Executive Yuan, Society of Natural Ecology Conservation, National Science Council and Biodiversity Research Center, Academia Sinica.p.197-198.
173. [Young, C.C.*](#) 2009. Biotechnology development in high efficient recycling of bioresource : Functional analysis and organic waste treatment for *Deinococcus ficus* sp. nov. Reports for Development Program of Industrialization for Agricultural Biotechnology, p.23.
174. [Young, C.C.*](#) 2009. Biotechnology development in multi-functional microbial organic fertilizer. Reports for Development Program of Industrialization for Agricultural Biotechnology, p.54
175. Chen, T.L., T.C. Lin, O.W. On, B.Y. Koun, and [C.C. Young*](#), 2009. Microbial diversity and multi-functions of ocean spring in Green Island. The 5th Taiwan-Mainland China Conference on Health Protection and Medical Treatment.
176. Shen, F.T., L.J. Lin, M.F. Xie, and [C.C. Young*](#). 2009. Detection of hydrocarbon degrading genes from members of the genus *Gordonia* and oil contaminated soils. The 23th Symposium of Environmental Analytic Chemistry. p.100
177. Shen, F.T., M.F. Xie, L.J. Lin, and [C.C. Young*](#). 2009. Research on phylogenetic analysis of the catechol 1,2-dioxygenase gene from indigenous *Gordonia* spp. The 47th Annual Meeting of the Agricultural Chemical Society of Taiwan. p.55.
178. Lin, S.Y., A.B. Arun, W.M. Chen, W.A. Lai, F.T. Shen, P.D. Rekha, and [C.C. Young*](#). 2009. *Azospirillum picis* sp. Nov., isolated from discarded tar. The 47th Annual Meeting of the Agricultural Chemical Society of Taiwan. p.56
179. Wu, Y. H., S.Y. Lin, F.T. Shen, and [C.C. Young*](#). 2009. Study on cellulase and ethanol production by indigenous facultative anaerobes. The 47th Annual Meeting of the Agricultural Chemical Society of Taiwan. p.57
180. Chu, J.N., A.B. Arun, W.M. Chen, J.H. Chou, F.T. Shen, P.D. Rehka, L.S. Young, S.Y. Lin and [C.C. Young*](#). 2009. *Agaricicola taiwanensis* gen. nov., sp. Nov., a

novel α -proteobacterium isolated from edible mushroom *Agaricus blazei* Murrill. The 47th Annual Meeting of the Agricultural Chemical Society of Taiwan. p.58

181. Phanit, N., F.T. Shen, M.H. Hung, and [C.C. Young](#)*. Effectiveness of *Pichia* sp. CC1 in decreasing chemical fertilization requirements of garden lettuce in pot experiments. Book of Abstracts of the International Symposium on “Go...Organic 2009” The Approach of Organic Agriculture: New Markets, Food Security and a Clean Environment. August 19-21. Bangkok, Thailand. No. PP-046. p.101.
182. [Young, C.C.](#), and F.T. Shen. 2009. Research, Production and Commercialization of Biopesticides and Biofertilizers. The Expert Consultation on Biopesticides and Biofertilizers for Sustainable Agriculture. Full Papers. Asia-Pacific Association of Agricultural Research Institutions (APAARI). Wufeng, Taichung. P.1-14.
183. Singh, S., P.D. Rekha, A.B. Arun, F.T. Shen, H. Asif, M.H. Hung, and [C.C. Young](#)*. 2009. Impacts of Food Industrial Wastewater on Plant Growth and Soil Carbon Sequestration. The 9th International Conference of The East and Southeast Asia Federation of Soil Science Societies. Seoul, Korea. p.69-70
184. [Young, C.C.](#) 2009. Exploration of indigenous organic waste decomposing bacteria in Taiwan. Symposium of Top Up the Value for Environmental Biotechnology. Development Center for Biotechnology. Taipei Conference Center, p.1-20.
185. [Young, C.C.](#), and I.H. Hsu. 2009. Influence of fertilization and pesticides application on the soil microbial diversity of agricultural farm. 2009 Union Ecological Symposium. Taroko National Park. p.59.
186. [Young, C.C.](#), and M.J. Ho. 2009. Long term effects of various fertilization treatments on the soil microorganisms under paddy-upland crop rotation system. 2009 Union Ecological Symposium. Taroko National Park. p.61.
187. Shen, F.T., M.J. Ho, S.Y. Lin, C.Y. Chen, T.C. Lin, S.W. Huang, and [C.C. Young](#)*. 2009. Diversity of indigenous bacteria in oil contaminated samples. Proceeding of Abstract of Conference on Soil Pollution and Remediation. September 11. Taichung, Taiwan. p.131-134.
188. Lin, S.Y., F.T. Shen, Y.H. Wu, and [C.C. Young](#)*. 2009. Phenotypic and genotypic characterization of heavy fuel oil degrading bacteria. Proceeding of Abstract of Conference on Soil Pollution and Remediation. September 11.

Taichung, Taiwan. p.148-152.

189. Arun, A.B., [C.C. Young](#), W.M. Chen, M.H. Hung, W.A. Lai, J.H. Chou, P.D. Rekha, F.T. Shen, and S.P. Su*. 2009. *Belliella pelovolcani* sp. nov., isolated from a mud-volcano in Taiwan. *Newsletter of Soil and Fertilizer*. 92:97-98. Published by The Chinese Society of Soil and Fertilizer Sciences.
190. Shen, F.T., [C.C. Young](#)*, and S.Y. Wu. 2009. Molecular detection and phylogenetic analysis of the catechol 1,2-dioxygenase gene from *Gordonia* spp. *Newsletter of Soil and Fertilizer*. 92 : 127-128. Published by The Chinese Society of Soil and Fertilizer Sciences.
191. Shen, F.T., M.F. Hsieh, and [C.C. Young](#)*. 2009. Multiplex polymerase chain reaction detection of genes encoding for alkane 1-monooxygenase and catechol 1,2-dioxygenase in *Gordonia* species. *Newsletter of Soil and Fertilizer*. 92:133-134. Published by The Chinese Society of Soil and Fertilizer Sciences.
192. Lai, W.A., M.H. Hung, W.S. Huang, F.T. Shen, and [C.C. Young](#)*. 2009. Rapid decomposition of piggery biosolid by inoculation of beneficial bacteria. *Newsletter of Soil and Fertilizer*. 92:135-136. Published by The Chinese Society of Soil and Fertilizer Sciences.
193. Shen, F.T., M.F. Hsieh, S.Y. Lin, and [C.C. Young](#)*. 2010. Identification of the alkane 1-monooxygenase gene from the genus *Gordonia*. Environmental analytical chemistry symposium. Taichung, Taiwan.
194. [Young, C.C.](#)* 2010. Effect of multi-functional P-solubilizing biofertilizer on crop production. 2010 Symposium of translation agriculture and Taiwan agricultural biotechnology. p.45-49. NCHU. Taichung, Taiwan.
195. [Young, C.C.](#)* 2010. Microbial fertilizer and crop growth. Department of agronomy, National Chung Hsing University. (Agronomy Friends Newsletter). Taichung, Taiwan. No. 11. p. 17-27.
196. [Young, C.C.](#)* 2010. Research of Environment Microorganisms on Microbial Fertilizers and Organic Waste Treatment. Urban Futures and Human and Ecosystem Wellbeing. p.33. Shanghai, China.(Keynote speaker and Section Chair)
197. [Young, C.C.](#)* 2010. Development and production of the microbial fertilizer. 2010. Biotechnology industry university forum. Biotechnology center, National Chung Hsing University. Taichung, Taiwan. p. 33-41.

198. Lin, S.Y., F.T. Shen, S.W. Huang, H.R. Wu, T.C. Lin, and [C.C. Young*](#). 2010. Bioremediation of the heavy oil contaminated soil by using indigenous oil-degrading bacteria. Environmental Engineering Society of ROC (soil and groundwater forum). Pingtung. Taiwan.
199. [Young, C.C.*](#) 2010. Soil Microbial Diversity in Agricultural Ecosystem ° Proceedings of Symposium on the Agroecosystem and Biodiversity. Council of Agriculture Executive Yuan Forestry Bureau. Formosan Entomol. Spec. Pub. No. 14. p.19-26
200. [Young, C.C.*](#) 2010. Development and utilization of multiple phosphate-dissolving microbial fertilizer. 8th Cross-strait academic symposium of soil fertilizer and fertilizer extension of research results. The chinese society of soil and fertilizer sciences. p. 119-124.
201. Shen, F.T., and [C.C. Young*](#). 2010. The use of nucleic acid analysis technology to develop new *Gordonia* actinomycetes and study of hydrocarbon degradation genes. 8th Cross-strait academic symposium of soil fertilizer and fertilizer extension of research results. The chinese society of soil and fertilizer sciences. p. 125-132.
202. Huang, S.W., F.T. Shen, S.Y. Lin, H.R. Wu, and [C.C. Young*](#). 2010. Exploration of microbial populations and novel bioresources in heavy oil contaminated soil using denaturing gradient gel electrophoresis analysis. 8th Cross-strait academic symposium of soil fertilizer and fertilizer extension of research results. The Chinese Society of Soil and Fertilizer Sciences. p. 337-342.
203. W.A. Lai, M.F. Hsieh, and [C.C. Young*](#). 2010. Screening for plant-growth promoting traits and the inoculation effect on plants of *Azospirillum rugosum* sp. nov. and salt-tolerant rhizosphere bacteria. 8th Cross-strait academic symposium of soil fertilizer and fertilizer extension of research results. The chinese society of soil and fertilizer sciences. p. 535-538.
204. Lin, R.T., S.Y. Lin, and [C.C. Young*](#). 2010. Phenotypic and genotypic characterization of heavy oil degrading bacteria. 8th Cross-strait academic symposium of soil fertilizer and fertilizer extension of research results. The chinese society of soil and fertilizer sciences. p. 551-554.
205. [Young, C.C.*](#), J.N. Cai, Z.S. Chen, H.Y. Guo, P.J. Hou, and C.L. Chen. 2011. Application of fertilizers in agricultural soil and pesticides on the environment and the ecological impact of coping strategies. Sustainable development research committee, National Science Council. p. 87-144.

206. [Young, C.C.*](#) 2011. Organic waste recycling in Taiwan-production and application of organic fertilizer. CKS Agricultural Science and Technology Foundation of Social Welfare. p. 24-34.
207. [Young, C.C.*](#) 2011. Soil Management in the Turf of Organic Golf Course. 2011 International Forum of Organic Recreation Environment (IFORE). Proceeding of IFORE, p.143-164.
208. Singh, S., [C.C. Young](#), and A.G. Bandi. 2011. Impacts of aerobic method and system of rice intensification (SRI) on yield and water use efficiency in rice (*ORYZA SATIVA L.*) cultivation. Proceedings of the 10th international conference of the east and southeast Asia southeast Asia federation of soil science societies (ESAFS). Soil Science Society of Sri Lanka. p.37-38.
209. Singh, S., P.D. Rekha, A.B. Arun, F.T. Shen, W.A. Lai, and [C.C. Young*](#). 2011. Production of plant growth promoting bacteria using monosodium glutamate wastewater as a culture medium and its effect on the growth of *brassica chinensis* L. CV. Affection. Proceedings of the 10th international conference of the east and southeast Asia southeast Asia federation of soil science societies(ESAFS). Soil Science Society of Sri Lanka. p.103-104.
210. [Young, C.C.*](#) 2011. Research development and protection of intellectual property of microorganism fertilizer. International Innovation, Entrepreneurship and Incubation Forum. p.178-188.
211. [Young, C.C.*](#) 2012. Research of fast treatment of chicken dung to produce organic fertilizer. Proceeding of Chung Cheng Agriculture Science & Social Welfare Foundation. p. 3-12.
212. Lin S.Y., F.T. Shen, and [C.C. Young*](#). 2012. *Azospirillum formosense* sp. Nov., a novel diazotrophic bacterium isolated from agricultural soil. The 50th Annual Meeting of the Agricultural Chemical Society of Taiwan. June 28. Taipei. Taiwan. No. A101. p. 53. (poster presentation)
213. Lai, W.A., and [C.C. Young*](#). 2012. Effect of isolated-salt-tolerant rhizobacteria on growth of canola (*Brassica napus L.*) The 50th Annual Meeting of the Agricultural Chemical Society of Taiwan. June 28. Taipei. Taiwan. p. 56. (in Chinese)
214. Lin, S.Y., Z.Y. Lin, and [C.C. Young*](#). 2012. The systematic development of siderophore-producing bacteria and its ability assay. The 50th Annual Meeting of the Agricultural Chemical Society of Taiwan. June 28. Taipei. Taiwan. p. 69. (in Chinese)

215. Tsai, C.F., [C.C. Young*](#), S.Y. Lin, and Y.H. Hsu. 2012. Dissolved rust bacteria screening and functional assay. The 50th Annual Meeting of the Agricultural Chemical Society of Taiwan. June 28. Taipei. Taiwan. p. 71. (in Chinese)
216. Huang, Y.H., F.T. Shen, and [C.C. Young*](#). 2012. A comparative characterization of hydrocarbon utilization among sixteen *Gordonia* species. The 50th Annual Meeting of the Agricultural Chemical Society of Taiwan. June 28. Taipei. Taiwan. p. 75.
217. Li, M.H., F.T. Shen, H.L. Lu, and [C.C. Young*](#). 2012. Enumeration and genotyping of bacteria in weed rhizosphere: a comparison between NA-and SEA-derived microbial populations. The 50th Annual Meeting of the Agricultural Chemical Society of Taiwan. June 28. Taipei. Taiwan. p. 75.
218. Tsai, T.N., M.H. Hung, W.A. Lai, and [C.C. Young*](#). 2012. Plant growth-promoting traits and cellulolytic activity of eight bacterial isolates from nodule of legumes. The 50th Annual Meeting of the Agricultural Chemical Society of Taiwan. June 28. Taipei. Taiwan. p. 78.
219. Singh, S., F.T. Shen, N. Phanit, and [C.C. Young*](#). 2012. Food industrial wastewater for maize (*Zea mays* L.) cultivation. The 50th Annual Meeting of the Agricultural Chemical Society of Taiwan. June 28. Taipei. Taiwan. p. 142.
220. [Young, C.C.*](#) 2012. Fast and efficient processing technology of chicken manure and the production of organic fertilizer. Chung Cheng Agriculture Science & Social Welfare Foundation. Agricultural science and technology research project seminar specifically publications. p.3-12.
221. [Young, C.C.*](#), A. Hameed, S.Y. Lin, and F.T. Shen. 2012. An electrochemical tool for exoelectrogenic microbial observation in vitro. Participant Information SCOPE-Zhongyu Environmental Forum 2012. p.35.
222. Wang, Y.N., F.T. Shen, and [C.C. Young*](#). 2013. Phylogenetic analysis of the genes responsible for trehalose biosynthesis in the genus *Gordonia*. The 51th Annual Meeting of the Agricultural Chemical Society of Taiwan. June 27. Taipei. Taiwan. p. 47.
223. Lin, S.Y., A. Hameed, Y.C. Liu, Y.H. Hsu, W.A. Lai, F.T. Shen, and [C.C. Young*](#). 2013. Isolation, identification and cultivation of *Pseudomonas sagittaria*, a novel siderophore-producing bacterium. The 51th Annual Meeting of the Agricultural Chemical Society of Taiwan. June 27. Taipei. Taiwan. p. 53. (in English)
224. Lai, W.A. S.Y. Lin, F.-T. Shen, and [C.C. Young*](#). 2013. Feasibility of assay

- methods to demonstrate exo-cellulase and endo-cellulase activities from *Sphingomonas formosense* CC-Nfb-2. The 51th Annual Meeting of the Agricultural Chemical Society of Taiwan. June 27. Taipei. Taiwan. p. 56. (in English)
225. Gao, Y.Y., F.T. Shen, and [C.C. Young*](#). 2013. Isolation of oligotrophic bacteria using soil extraction media. The 51th Annual Meeting of the Agricultural Chemical Society of Taiwan. June 27. Taipei. Taiwan. p. 63.
226. Singh, S., [C.C. Young*](#), F.T. Shen, L.S. Young. 2013. Industrial waste resources for maize (*Zea mays* L. cv. Snow Jean) production. The 51th Annual Meeting of the Agricultural Chemical Society of Taiwan. June 27. Taipei. Taiwan. p. 118.
227. Nakayan, P., A. Hameed, S. Singh, L.S. Young, W.A. Lai, M.H. Huang, and [C.C. Young*](#). 2013. Impacts of growth promoting and chitinolytic yeasts on yield and nutrient uptake of corn (*Zea mays* L.). The 51th Annual Meeting of the Agricultural Chemical Society of Taiwan. June 27. Taipei. Taiwan. p. 126.
228. Lai, W.A., A. Hameed, P. Nakayan, W.S. Yen, and [C.C. Young*](#). 2013. Bio-stability of organic matter in products of organic wastes after fast treatment as determined by the rate of CO₂ evolution. The 51th Annual Meeting of the Agricultural Chemical Society of Taiwan. June 27. Taipei. Taiwan. p. 128.
229. Wang, Y.N., F.T. Shen, and [C.C. Young*](#). 2013. Genotypes and Ecological Attributes of Methylo-trophic Endophytes Isolated From Plant Phyllosphere. Water, Food, Energy & Innovation for a Sustainable World. ASA, CSSA, and SSSA 2013 International annual meetings. Tampa. FL.
230. Huang, Y.H., F.T. Shen, and [C.C. Young*](#). 2013. Isolation and Genotypic Characterization of Oligotrophic Bacteria From Soils. Water, Food, Energy & Innovation for a Sustainable World. ASA, CSSA, and SSSA 2013 International annual meetings. Tampa. FL.
231. [楊秋忠](#)。2013。土壤有機質含量增進之研究：快速處理有機廢棄物製成有機質肥料之創新技術。土壤肥料研究成果研討會：一代土壤學宗師王世中院士百歲冥誕紀念研討會論文集。中華土壤肥料學會主辦。p.9-15
232. 林詩耀、Asif Hammed、劉祐誠、許伊含、賴威安、[楊秋忠](#)。2013。台灣本土新穎微生物菌種資源開發之進展。土壤肥料推廣研究成果研討會。中華土壤肥料學會主辦。p.104-105
233. Phanit Nakayan、Asif Hameed、Satnam Singh、Li-Sen Young、洪美華、[楊秋忠](#)。2013。Phosphate-solubilizing soil yeast *Meyerozyma guilliermondii* CC1 improves maize (*Zea mays* L.) productivity and minimizes requisite chemical

- fertilization. 土壤肥料推廣研究成果研討會。中華土壤肥料學會主辦。p.106-107
234. Asif Hameed、洪美華、林詩耀、許伊含、劉祐誠、Mariyam Shahina、賴威安、黃欣怡、楊禮亘、[楊秋忠](#)。2013。Cohnella formosensis sp. Nov., a xylanolytic bacterium isolated from the rhizosphere of Medicago sativa L. 土壤肥料推廣研究成果研討會。中華土壤肥料學會主辦。p.90-91
235. 皮宏偉、王郁甯、張明暉、沈佛亭、郭鴻裕、[楊秋忠](#)。2013。具多種胞外酵素生成能力細菌之篩選及其生物安全性評估。土壤肥料推廣研究成果研討會。中華土壤肥料學會主辦。p.142-143
236. [楊秋忠](#)。2013。微生物肥料使用對作物健康之影響。農地與農作物健康管理研討會。中華肥料協會主辦。p.1-15
237. 沈佛亭、[楊秋忠](#)。2013。微生物肥料與土壤健康。農地活化與農水資源永續利用研討會論文集。中華永續農業協會主辦。p.102-109
238. [Young, C.C.](#) 2014. An innovative technology for rapid conversion of organic wastes to organic fertilizers. 2014 International Conference on Anaerobic Biotechnology for Energy Recovery and Environment Sustainability. National Cheng Kung University. p.137.
239. [楊秋忠](#)。2014。快速製成有機質肥料技術應用。農業生物資材產業發展研討會專刊。行政院農業委員會臺中區農業改良場主辦。p. 59-67。
240. 王郁甯、沈佛亭、[楊秋忠](#)。2014。Genomic and enzymatic approaches to alkane monooxygenase and catechol dioxygenase in Gordonia spp. 微生物在農業暨食品之研究與應用研討會。台灣農業化學會第52次會員大會手冊。台灣台北。p.51.
241. 林詩耀、沈佛亭、[楊秋忠](#)。2014。固氮螺旋菌屬(Azospirillum)微生物肥料開發之潛力評估。微生物在農業暨食品之研究與應用研討會。台灣農業化學會第52次會員大會手冊。台灣台北。p.63.
242. 謝于婷、楊禮亘、沈佛亭、[楊秋忠](#)。2014。不同水稻品種及土壤種類對植體內生細菌群落組成之研究。微生物在農業暨食品之研究與應用研討會。台灣農業化學會第52次會員大會手冊。台灣台北。p.67.
243. 賴威安、沈佛亭、林哲郁、李翔榮、[楊秋忠](#)。2014。Effect of carbon sources on cellulase production and cell growth of Sphingomonas formosense。微生物在農業暨食品之研究與應用研討會。台灣農業化學會第52次會員大會手冊。台灣台北。p.100.
244. 皮宏偉、沈佛亭、哈錫夫、[楊秋忠](#)。2014。Isolation and genotypic characterization of electrochemically active bacteria from beach samples。微生物在農業暨食品之研究與應用研討會。台灣農業化學會第52次會員大會手冊。台灣台北。p.145.

245. Kuo, Y.Y., Y.H. Huang, F.T. Shen, and [C.C. Young*](#). 2014. Exploration of Oligotrophic Bacteria from Soils in Taiwan. 20th world congress of soil science. Jeju. Korea. (BEST POSTER AWARD)
246. [楊秋忠](#)。2014。快速處理有機廢棄物技術之發展。第十屆海峽兩岸土壤肥料學術交流研討會。台灣台中。p.15
247. 黃郁瑄、沈佛亭、[楊秋忠](#)。2014。兼性少養分營微生物肥料之開發。第十屆海峽兩岸土壤肥料學術交流研討會。台灣台中。p.86
248. 周于盟、沈佛亭、蔣世超、張春梅、陳美珍、[楊秋忠](#)。2014。利用培養策略探討長期有機農耕與慣行農耕對蕉園土壤細菌豐富度與族群多樣性之影響。第十屆海峽兩岸土壤肥料學術交流研討會。台灣台中。p.87
249. 蔡正國、陳琦玲、張哲璋、吳泓書、孫文章、林儒宏、侯平君、[楊秋忠](#)、王瑞章、張仁育。肥料與農藥施用對農業生態系產量及生物多樣性之衝擊探討。第十屆海峽兩岸土壤肥料學術交流研討會。台灣台中。p.120
250. 黃聰閔、沈佛亭、[楊秋忠](#)。2014。桔梗根圈與內生細菌之分離及基因型分析。第十屆海峽兩岸土壤肥料學術交流研討會。台灣台中。p.136.
251. 沈佛亭、王郁甯、周于盟、[楊秋忠](#)、彭聖宸。2014。戈登氏菌屬生成生物界面活性劑之潛力探討。第十屆海峽兩岸土壤肥料學術交流研討會。台灣台中。p.138
252. 林詩耀、許伊含、劉祐誠、洪美華、哈錫夫、賴威安、顏文紹、[楊秋忠](#)、黃振盛。稻稈表面分離之新種生物 *Rhizobium straminoryzae*。第十屆海峽兩岸土壤肥料學術交流研討會。台灣台中。p.144
253. 黃欣怡、林詩耀、[楊秋忠](#)。2014。長期水旱輪作在不同施肥處理對水稻及玉米內生菌生物多樣性及功能之研究。2014年科技部農業環境科學學門成果發表會。台灣台中。D-P1
254. 沈佛亭、王郁甯、[楊秋忠](#)。2014。戈登氏放線菌生合成與代謝多樣性機制研究及其在生物復育上之應用。2014年科技部農業環境科學學門成果發表會。台灣台中。D-P9
255. [楊秋忠](#)。2015。環保微生物科技之研究及發展。2015生物資源與科技研討會。國立臺南大學生物科技系主辦。台灣台南。p.22-42
256. [楊秋忠](#)。2015。作物栽培技術與安全性。台灣傳統暨替代醫學協會第一屆第二次會員大會手冊。台灣台北。
257. 洪美華、賴威安、譚鎮中、陳鴻基、羅朝村、[楊秋忠](#)。2014。微生物肥料商品化保存及其複合介質應用在苗木之開發。2014年農業環境領域「土壤微生物與生態推動小組」研究成果及發表研討會論文集（2014年11月27日）。行政院農業委員會農業試驗所農業環境領域土壤微生物與生態推動小組編印。p. 143—157。

258. 楊秋忠。2015。高效快速處理雞糞製成有機質肥料之量產及營運。中正農業科技社會公益基金會103年報。財團法人中正農業科技社會公益基金會編製。p.25
259. 楊秋忠。2015。微生物肥料製劑的研究與應用。2015前瞻農業生物製劑研討會。國立高雄大學生命科學系主辦。台灣高雄。p.69-76
260. 楊秋忠。2015。有益微生物接種禽畜糞堆肥對品質及作物生長之效應。微生物在廢棄物資源化之應用研討會。中華技術學院主辦。台灣台北。
261. Lin, H.Y., W.A. Lai, M.H. Hung, and [C.C. Young*](#). 2015. Effect of different carriers and formulations on survival rate of rhizobia. No. A018, p.65. In Agricultural Chemical Society of Taiwan (ed.) Proceeding of 53th Conference on Agriculture Chemistry. (in Chinese)
262. Yeh, P.T., W.A. Lai, and [C.C. Young*](#). 2015. Impact of halotolerant bacterial inoculation on seed germination and growth of Chinese kale (*Brassica oleracea* L.) under saline stress. No. D002, p.121. In Agricultural Chemical Society of Taiwan (ed.) Proceeding of 53th Conference on Agriculture Chemistry. (in Chinese).
263. Lin, S.Y., A. Hameed, Y.C. Liu, Y.H. Hsu, W.A. Lai, H.I. Huang, and [C.C. Young*](#). 2015. Study on a novel indigenous DDT-degrading bacteria (*Novosphingomonas arabisopsis*) in Taiwan. No. A035, p.74. In Agricultural Chemical Society of Taiwan (ed.) Proceeding of 53th Conference on Agriculture Chemistry. (in Chinese)
264. Young, C.C. 2015. Bioactivities investigation and biosynthesis mechanism of special forest products in Taiwan. Symposium on Application of Taiwan's Agricultural Biotechnology and Natural Resources. Taiwan Nantou. p.2
265. Young, C.C. 2015. Fertilizing and Conditioning the Soil. 2015 International Year of Soil Seminar. UTM, Johor Bahru. Malaysia.
266. 洪美華、賴威安、譚鎮中、陳鴻基、楊秋忠。2015。微生物肥料商品化保存及其複合介質應用在苗木之開發。生物性肥料開發應用及土壤微生物生態研究之回顧與展望研討會。農業試驗所120週年所慶系列活動編印。p.5-14
267. 楊秋忠、洪美華、賴威安、譚鎮中、陳鴻基。2015。微生物肥料商品化保存及其複合介質應用在苗木之開發。104年度農業環境科技研發領域計畫成果發表會論文集。行政院農委會農田水利處主辦。財團法人農業工程研究中心承辦。p.32-42
268. Young, C.C., H.C. Chen, F.N. Lee, L.L. Liaw, and Y.P. Chen. 2016. Identification of novel urea amidolyase from the metagenome of paddy rhizosphere soil. Animal Behavior and Ecology Congress. National Chung-Hsing University.

p.23

269. 周于盟、沈佛亭、蔣世超、張春梅、陳美珍、楊秋忠。2016。長期有機與慣行耕作對蕉園土壤微生物多樣性之影響。2016年動物行為暨生態研討會。國立中興大學。p.23
270. 楊秋忠、黃欣怡、林詩耀、許伊含、沈佛亭。2016。長期水旱輪作生態系不同施肥處理對土壤性質與微生物多樣性之影響。2016年動物行為暨生態研討會。國立中興大學。p.23
271. Young, C.C. 2016. Environmental Microbiota. Interdisciplinary Collaboration Retreat(跨領域前瞻技術研討會). Academia Sinica. 惠蓀林場。
272. Young, C.C. 2016. Methodology in Allelopathic and Organic Substances Extracted by resin from Root Exudates and Soils. The 23rd Pacific Science Congress: Science, Technology and Innovation. Academia Sincia, Taipei. Taiwan. p.62
273. Young, C.C. 2016. Symposium on Allelochemicals in Agaroecosystem Moderator(s). The 23rd Pacific Science Congress: Science, Technology and Innovation. Academia Sincia, Taipei. Taiwan. p.68
274. 楊秋忠。2016。高效快速處理雞糞製成有機質肥料之量產及營運。105年農業科技研究計畫成果研討會。財團法人中正農業科技社會公益基金會。p.104-116.
275. 楊秋忠。2016。Effects of Long-term Rice-Maize Rotation and Fertilizations on Soil Microbial Diversity. 第三屆全球生態、農業與鄉村向上推升行動論壇。國立中興大學&美國德州農工大學聯合主辦。p.52-53
276. 楊秋忠。2016。快速處理雞糞製成有機質肥料之創新技術。海峽兩岸三地植物分子生物學與生物技術學術研討會。義守大學主辦。p.3
277. 楊秋忠。2016。微生物肥料研究及開發。中華民國農學團體105年聯合年會暨農學與提升農業競爭力研討會。社團法人台灣農學會。p.57-58
278. 楊秋忠。2017。農產品健康安全與土壤微生物展望。2017生物科技產學論壇研討會。國立中興大學生物科技發展中心主辦。
279. 楊秋忠。2017。創新農業微生物及生態科技之發展。台灣溼地學會主辦。南投惠蓀林場。
280. 楊秋忠。2017。土壤環境微生物之研究與展望。台灣農業化學會第55次會員大會暨研討會-1 農業環境永續發展之願景研討會。台灣農業化學會、國立臺灣大學農業化學系、國立臺灣大學生化科技系、行政院科技部主辦。台灣台北。
281. Chen, Y.P., Y.H. Hsu, C.F. Tsai, and C.C. Young. 2017. Inspecting the microbial community of rice paddy soil with conventional and sustainable

- agroecosystems. The 8th symposium on Taiwan Wetland Ecosystem. Taiwan Wetland Institute. Huisun Forest Farm. p.82-83.
282. 楊秋忠。2017。永續農業的新價值。106年土壤肥料研究成果研討會暨中華土壤肥料學會會員大會。中華永續農業協會主辦。國立中興大學。
283. 楊秋忠。2017。土壤微生物生態與永續農業的研究發展。第四屆海峽兩岸科技論壇。科技部海峽兩岸科學技術交流中心和李國鼎科技發展基金會共同主辦。台灣台北。
284. 楊秋忠。2017。農業土壤微生物生態的研究及應用。前瞻植物生態學：使用傳統和分子技術詮釋物種和生態系的功能研討會。東海大學主辦。台灣台中。
285. 楊秋忠。2017。Research and Application of Soil Microorganisms in Agriculture。微生物永續利用國際研討會。亞洲菌種聯盟第14屆年會。台灣台北。
286. 楊秋忠。2017。微生物肥料在合理化施肥及農產品安全的重要性。中華肥料協會106年會員大會暨合理化施肥及農產品安全研討會。台灣台中。
287. 陳煜沛、蔡佳芳、黃冠華、楊秋忠。2018。長期慣行及永續農耕之水稻土壤性質及微生物活性探討。第九屆台灣濕地生態系研討會暨第四屆海峽兩岸濕地保護交流研討會暨第三屆國家公園濕地研究成果發表會。社團法人台灣濕地學會主辦。台灣台北。p.71
288. 楊秋忠。2018。中興大學永續農業創新發展中心之任務和發展願景。提升農業生產力與品質之永續作為研討會。中華永續農業協會主辦。台灣台中。
289. 楊秋忠。2018。現在及未來之土壤微生物研究及發展。第十二屆海峽兩岸土壤肥料技術交流研討會。中華土壤肥料學會主辦。台灣台北。
290. 楊秋忠。2018。The opportunity of fertilizer industry in the New Southbound Policy。新南向論壇研討會。國立中興大學主辦。台灣台中。
291. 楊秋忠、黃欣怡、林詩耀、林毓雯。2019。長期水旱輪作在不同施肥處理對水稻及玉米田土壤微生物多樣性及功能之研究。溶磷菌肥料肥（功）效評估及驗證研討會。行政院農業委員會農業試驗所主辦。台灣台中。p.1-29
292. 張鈞喆、賴威安、楊秋忠、沈佛亭。2019。溶磷菌與高磷需求作物之相容性研究。溶磷菌肥料肥（功）效評估及驗證研討會。溶磷菌肥料肥（功）效評估及驗證研討會。行政院農業委員會農業試驗所主辦。台灣台中。p.44-63
293. 楊秋忠。2019。土壤微生物生技於農業之應用與產業發展分享。2019台灣新農業亮點系列(2)－從技術研發到產業。科技部生科中心及國立中興大學生科中心主辦。p.133-136
294. 楊秋忠。2019。中興大學永續農業創新中心之任務和發展願景。永續農業第39期－提升農業生產力與品質之永續作為。中華永續農業協會印行。p.7-14

295. 楊秋忠。2019。有機物循環利用在土壤碳管理技術之發展。臺灣循環農業之永續作為與展望。中華永續農業協會印行。p.26-30
296. 楊秋忠。2019。有機物循環利用在土壤碳管理技術之發展。臺灣循環農業之永續作為與展望研討會。中華永續農業協會主辦。台灣台中。p.1-6
297. 楊秋忠。2019。土壤微生物之多樣性與環境保護的發展。前瞻生物催化暨農業生技新知研討會。國際生物催化暨農業生物技術學會主辦。台灣台中。
298. Young, C.C. 2019. Soil Microbial Diversity and Development of Environmental Protection. Prospective Biocatalysis and Agricultural Biotechnology New Knowledge Seminar. ISBAB, Taichung, Taiwan.
299. Young, C.C. 2019. Innovative organic recycling technology. Innovative Cross-Sectoral Linkage for Circular Agriculture. Taipei, Taiwan.
300. 楊秋忠。2019。有機物循環利用技術。108年循環農業與作物營養管理研討會。行政院農業委員會桃園農業改良場主辦。台灣桃園。p.4-1~4-7
301. 楊秋忠。2019。智慧農業循環經濟：開發「無人有機廢棄物的人工智慧快速處理廠」之設計及建構。智慧農業研發中心開幕暨研討會。國立中興大學智慧農業研發中心籌備處主辦。台灣台中。
302. 黃欣怡、林毓雯、哈錫夫、楊秋忠。2020。水稻玉米輪作生態系對微生物群落之長期變遷。農業生態系長期生態研究研討會。行政院農業委員會農業試驗所主辦。台灣台中。p.18~20
303. 楊秋忠、洪美華。2020。開發微生物肥料具降低作物重金屬吸收及增產之研究。微生物肥料肥(功)效評估及驗證研討會。行政院農業委員會農業試驗所主辦。台灣台中。p.2

(C) Book publications:

1. Young, C. C. 1988. Soil and Fertilizer (1st Edition) (p.238), P. W. Inc., Taichung. (in Chinese)
2. Young, C. C. 1989. Soil and Fertilizer (2nd Edition) (p.290), P. W. Inc., Taichung. (in Chinese)
3. Young, C. C. 1989. Soil and Fertilizer (3rd Edition) (p.311), P. W. Inc., Taichung. (in Chinese)
4. Young, C. C. 1991. Soil and Fertilizer (4th Edition) (p.347), P. W. Inc., Taichung. (in Chinese)

5. Young, C. C. 1992. Proceeding of Soil Erosion and Conservation. National Chung Hsing University, Taichung.114 (in Chinese)
6. Young, C. C. 1993. Soil and Fertilizer (5th Edition) (p.395), P. W. Inc., Taichung. (in Chinese)
7. Young, C. C., L. F. Chen and L. L. Lin. 1996. Handbook of Soil Analysis for Soil and Water Conservation, National Chung Hsing University, Taichung.114 (in Chinese)
8. Young, C. C. 1997. Soil and Fertilizer (6th Edition) (p.395), P. W. Inc., Taichung. (in Chinese)
9. Young, C. C. 1999. Soil and Fertilizer (7th Edition) (p.444), P. W. Inc., Taichung. (in Chinese)
10. Young, C. C., W. L. Choa, C. C. Lou, S. N. Haung, S. S. Zun and W. F. Chu. 2003. Collection and Application of Microorganisms in Taiwan. Special research report No.7, Chung Cheng Agriculture Science & Social Welfare Foundation, Taipei.p. 1-125.(in Chinese)
11. Young, C. C. 2004. Soil and Fertilizer (8th Edition) (p.511), P. W. Inc., Taichung. (in Chinese) (ISBN 957-29496-1-6)
12. Rekha, P. D., A. B. Arun, and C. C.Young. 2007. Whole cell biosensors for detection of quorum sensing signal molecules in Gram negative bacteria. In. Recent Advances in Biotechnology. (Ed. Rai, et al.,). International publishers, India. (in press).
13. Young, C. C., F.T. Shen, W.A. Lai, A.B. Arun and P.D. Rekha. 2008. Exploration of Novel Indigenous Bacteria in Taiwan. 2008. Research and Status of Taiwan Species Diversity. The Forestry Bureau of Council of Agriculture Executive Yuan. Taipei. p.9-13.(in Chinese)
14. Chou, J.H., C.C. Young and W.M. Chen. 2008. Description of New Genus and New Species Bacteria Isolated. 2008. Research and Status of Taiwan Species Diversity. The Forestry Bureau of Council of Agriculture Executive Yuan. Taipei. p.15-20. (in Chinese)
15. Shen, F.T. and C.C. Young. 2008. Molecular Detection, Classification and Identification of Members of the Genus *Gordonia*. 2008. Research and Status of Taiwan Species Diversity. The Forestry Bureau of Council of Agriculture Executive Yuan. Taipei. p.21-24. (in Chinese)
16. Young, C. C. 2008. 19 strains of bacteria added to the data bases of species of Taiwan. Research and Status of Taiwan Species Diversity. The Forestry Bureau of Council of Agriculture Executive Yuan. Taipei. (in Chinese)

17. Wang, M. K., P.N. Chiang editors, C. C. Young, S. S. Yang, P. H. Wang, J. H. Chen, C. C. Lin, and J. T. Wu coeditors. 2010. Soil Biodiversity (p.453). National Institute for Compilation and Translation, ROC. (in Chinese)
18. Young, C. C. 2010. Soil and Fertilizer (9th Edition) (p.542), Agricultural World Inc., Taichung. (in Chinese) (ISBN 957-29496-1-6)
19. Young, C. C., J. H. Chen, M. T. Koh, C. P. Tseng, Y. M. Huang, S. S. Yang and W. S. Lee. 2011. Recycling of organic wastes in Taiwan: Studies of production and application in organic fertilizers. Special research report No.22, Chung Cheng Agriculture Science & Social Welfare Foundation, Taipei. p.1-205. (in Chinese)
20. Young, C. C., F.T. Shen, and S. Singh. 2012. Strategies for the Exploration and Development of Biofertilizer. p.127-139. In Bacteria in Agrobiolgy: Plant Probiotics (D. K. Maheshwari ed.) Springer, Verlag Berlin Heidelberg.
21. Young, C. C., C. H. Chao, and F.T. Shen. 2012. Handbook of Microbial Fertilizers. Supported by the Council of Agriculture Executive Yuan. The Chinese Society of Soil and Fertilizer. p.1-45. (in Chinese)
22. Young, C. C. 2014. Soil and Fertilizer: Concepts and Practices (p.1-482), Airiti Press Inc., Taiwan. (ISBN 978-986-5663-01-8)
23. Young, C. C., S.Y. Lin, F.T. Shen and W.-A. Lai. 2015. Chapter 2. Molecular Tools for Identification and Characterization of Plant Growth Promoting Rhizobacteria with Emphasis in Azospirillum spp. p. 24-44. In F. D. Cassán, Y. Okon, C. M. Creus (Eds) Handbook for Azospirillum--Technical Issues and Protocols. SPRINGER, BERLIN; SPRINGER INTERNATIONAL PUBLISHING. p.27-44. (ISBN 978-3-319-06541-0)
24. Young, C. C. 2018. Soil and Fertilizer (9th Edition) (p.544), P. W. Inc., Taichung. (in Chinese) (ISBN 957-29496-1-6)
25. Young, C. C. 2020. 科技與藝文人生(p.193), 國立中興大學圖館, Taichung. (in Chinese) (ISBN 9789869901444)
26. Young, C. C. 2021. Soil and Fertilizer (10th Edition) (p.000), P. W. Inc., Taichung. (in Chinese) (ISBN 000000000)

(D) Technical and extension publications:

1. Young, C. C. 1973. Genetical studies on protein content and quantitative characters in rice varieties. M. S. thesis, National Chung Hsing University, Taichung, Taiwan, Republic of China. (in Chinese)

2. Young, C. C. and D. P. Bartholomew. 1978. Allelopathy can be a deterrent to the productivity of pasture. Consortium on Soils of the Tropics Newsletter 2(3):1.
3. Young, C. C. 1979. Allelopathy in a grass-legume association: A case study with *Hemarthria altissima* and *Desmodium intortum*. (Dissertation Abstracts International 40(03): 1979. Ph. D. dissertation, University of Hawaii, Honolulu, Hawaii, USA.
4. Tang, C. S. and C. C. Young. 1979. Allelopathic inhibition of legumes by grasses II. Collocation of allelopathic inhibitors from root systems by continuous trapping on an XAD-4 resin column. Abstract accepted and presented at the Annual American Society of Plant Physiologists Meeting, Columbus, Ohio. (Abstract in supplement to: Plant Physiology 63(5):105).
5. Young, C. C., D. P. Bartholomew and C. S. Tang. 1979. Allelopathic inhibition of legumes by grasses. I. Growth and nodulation inhibition of *Desmodium intortum* by bigalga limpograss. Abstract accepted and presented. Paper No. 582 at the Annual American Society of Plant Physiologists Meeting, Columbus, Ohio. (Abstract in supplement to: Plant Physiology 63(5):105).
6. Young, C. C. 1986. A demand and development for the use of soil microorganisms - rhizobium and mycorrhizal fungi. Agriculture in National Chung Hsing University. 2:17-20.(in Chinese)
7. Young, C. C. 1986. Siderophores from soil microorganisms. Newsletter of Soil and Fertilizer. 10:166-168.(in Chinese)
8. Young, C. C. 1985. Maintenance of soil fertility (course 1): Maintenance of inorganic fertility. Pesticide World. 24:21-22.(in Chinese)
9. Young, C. C. 1985. Maintenance of soil fertility (course 2): Maintenance of organic fertility. Pesticide World. 25:38-39.(in Chinese)
10. Young, C. C. 1985. Maintenance of soil fertility (course 3): Maintenance of soil microorganisms. Pesticide World. 26:44-46.(in Chinese)
11. Young, C. C. 1985. Diagnosis of diseased soil (course 1): Easy methods for the diagnosis of soil. Pesticide World 27:40-42.(in Chinese)
12. Young, C. C. 1985. Diagnosis of diseased soil (course 2): Chemical assay for the diagnosis of soil. Pesticide World 28:38-39.(in Chinese)
13. Young, C. C. 1986. Diagnosis of diseased soil (course 3): Diagnosis of soil pollution. Pesticide World 30:16-18.(in Chinese)
14. Young, C. C. 1986. Be aware of human properties-soil. Pesticide World. 29:28-30.(in Chinese)

15. Young, C. C. 1986. Allelopathy of Asparagus: How to prevent? Feng-Nian 36 (6):24-26.(in Chinese)
16. Young, C. C. 1986. A demand for the use of fertilizer when grow with Tangerine. Sinon. 213:32-34.(in Chinese)
17. Young, C. C. 1986. The essence of soil – humic acid. Pesticide World 31:49-51.(in Chinese)
18. Young, C. C. 1986. The improvement of fertilization (course 1). Pesticide World 32:52-54.(in Chinese)
19. Young, C. C. 1986. The improvement of fertilization (course 2). Pesticide World 33:50-51.(in Chinese)
20. Young, C. C. 1986. Is microorganism useful? Feng-Nian 36(12):44-47.(in Chinese)
21. Young, C. C. 1986. The relationship between soil microorganisms and nitrogen fertilizer. Pesticide World 34:51-52.(in Chinese)
22. Young, C. C. 1986. The nature of phosphorus in soil and its applications. Pesticide World 35:30-32.(in Chinese)
23. Young, C. C. 1986. The nature of potassium and magnesium in soil and their applications. Pesticide World 36:62-63.(in Chinese)
24. Young, C. C. 1986. The nature of calcium and sulfur in soil and their applications. Pesticide World 37:28-30.(in Chinese)
25. Young, C. C. 1986. Diagnosis and therapy of soil in the deficiency of trace element and molybdenum. Pesticide World 39:26-28.(in Chinese)
26. Young, C. C. 1986. The nature of iron, copper, zinc and manganese in soil and their applications. Pesticide World 40:34-36.(in Chinese)
27. Young, C. C. 1986. The nature of potassium phosphate and calcium phosphate in soil and their applications. Pesticide World. Sinon 222:56-59.(in Chinese)
28. Young, C. C. 1987. Management of crop nutrition and soil in winter. Pesticide World. 41:23-25.(in Chinese)
29. Young, C. C. 1987. The concept and application of folia fertilization (course 1). Pesticide World 42:67-69.(in Chinese)
30. Young, C. C. 1987. The concept and application of folia fertilization (course 2). Pesticide World 43: 75-78.(in Chinese)

31. Young, C. C. 1987. The concepts of how to improve soil fertility and their application. Newsletter of Agricultural Extension of Taichung 9(1):6-13.(in Chinese)
32. Young, C. C. 1987. A demand for the use of soil microorganisms. A weekly publication of Agriculture from Council of Agriculture 115:15-17.(in Chinese)
33. Young, C. C. 1987. Diagnosis and management of soil pH value. Sinon 226:73-77.(in Chinese)
34. Young, C. C. 1987. The application of fertilization in stress environment – climate pathogen stress. Pesticide World. 44: 41-43.(in Chinese)
35. Young, C. C. 1987. The breakthrough of biological fixation. Newsletter of soil and fertilizer 13:224-226.(in Chinese)
36. Young, C. C. 1987. Management of soil environment in rainy season. Pesticide World 45:12-14.(in Chinese)
37. Young, C. C. 1987. Organic fertilizers and their application (1). Pesticide World 46:89-92.(in Chinese)
38. Young, C. C. 1987. Organic fertilizers and their application (2). Pesticide World. 47:51-53.(in Chinese)
39. Young, C. C. 1987. Application of fertilizer and the quality of agriculture product (1). Pesticide World 48:57-58.(in Chinese)
40. Young, C. C. 1987. Application of fertilizer and the quality of agriculture product (2). Pesticide World 49:63-66.(in Chinese)
41. Young, C. C. 1987. Seedling of soybean and conspectus of inoculation of nitrogen fixing *Rhizobium*. Pesticide World 50:23-25.(in Chinese)
42. Young, C. C. 1987. The advantages/disadvantages and of introspection of hydroponic vegetables. Pesticide World 51:41-43.(in Chinese)
43. Young, C. C. 1987. How does the earth recovery? Pesticide World 52:26-27.(in Chinese)
44. Young, C. C. 1988. Management of agricultural soil and conspectus of fertilization in mountainside. Pesticide World 53:22-24.(in Chinese)
45. Young, C. C. 1988. Conspectus of liquid fertilization. Pesticide World 54:34-38.(in Chinese)
46. Young, C. C. 1988. A brief introduction and perspective of organic farming. Pesticide World 55:42-44.(in Chinese)

47. Young, C. C. 1988. The application of slowly-releasing fertilizer. *Pesticide World* 57:82-84.(in Chinese)
48. Young, C. C. 1988. Siderophore in the soil and plant health. *Pesticide World* 58:83-85.(in Chinese)
49. Young, C. C. 1988. Is it better to use more fertilizers? *Pesticide World* 59: 70-72.(in Chinese)
50. Young, C. C. 1988. The relationship between plant nutrition and soil microorganisms. *Pesticide World* 61:67-69.(in Chinese)
51. Young, C. C. 1988. Biofertilizer-phosphate solubilizing microorganisms. *Pesticide World* 62:67-69.(in Chinese)
52. Young, C. C. 1988. Roles of microorganisms in organic farming. *Pesticide World* 63:23-25.(in Chinese)
53. Young, C. C. 1988. A handbook for the application of biofertilizer. Department of Soil and Environmental Sciences, National Chung Hsing University. p.1-19.(in Chinese)
54. Young, C. C. 1988. A handbook for the application of soil microorganisms in forest land. Department of Soil and Environmental Sciences, National Chung Hsing University. p. 1-16.(in Chinese)
55. Young, C. C. 1988. A way to ameliorate soil pollution. *Blogs newspaper*. Forum in people's livelihood.(1988/10/17) (in Chinese)
56. Young, C. C. 1988. The application of green manure and preservation of soil. *Pesticide World* 64:58-61.(in Chinese)
57. Young, C. C. and C. C. Chen. 1989. The distribution and problems of diseased soil in Taiwan. *Newsletter of soil and fertilizer* 24:16-17.(in Chinese)
58. Young, C. C. 1989. Managements of coarse texture soil and conspectus of fertilization. *Pesticide World* 66:47-48.(in Chinese)
59. Young, C. C. 1989. Problem and solution of continuously farming in soil. *Pesticide World* 70:32-33.(in Chinese)
60. Young, C. C. 1989. Conspectus of soil management in nursery garden. *Pesticide World* 72:26-27.(in Chinese)
61. Young, C. C. 1989. Conspectus of improving soil productivity in mountainside. *Pesticide World* 74:15-17.(in Chinese)

62. Young, C. C. 1989. Diagnosis of soil: example of soil grown with Tangerine. *Sinon* 241:42-47 .(in Chinese)
63. Young, C. C. 1989. Recognition and amendment of soil pollution area. *ROC Society of Soil and Fertilizer*. p. 73-76.(in Chinese)
64. Young, C. C. 1989. Soil Science-structure and function. Teaching materials for the conservation of soil and water resource. (in Chinese)
65. Young, C. C. 1990. Effectiveness and application of biofertilizer. *Newsletter of Agricultural Extension of Kaohsiung* 12:14-17.(in Chinese)
66. Young, C. C. 1990. Conspectus for the maintenance of soil organic matter and microorganisms. *Newsletter of Agricultural Extension of Taichung* 12:4-8.(in Chinese)
67. Young, C. C. 1990. Introduction of rock phosphate and the conspectus for the application. *Pesticide World* 79:44-46.(in Chinese)
68. Young, C. C. 1990. Characteristics and application of peat moss. *Pesticide World* 80:26-29.(in Chinese)
69. Young, C. C. 1990. The influence of fertilization and crop quality on the plant health. *Pesticide World* 84:18-20.(in Chinese)
70. Young, C. C. 1990. Biochemical materials and microorganisms in the soil. *Newsletter of Life Science* 4(4):7-8.(in Chinese)
71. Young, C. C. 1990. Collections of agricultural microorganisms-screening, identification and preservation of nitrogen fixing bacteria (1). A research report in *Food Industry Research and Development Institute* 600: 1-17. (in Chinese)
72. Young, C. C. 1990. Collections of agricultural microorganisms-screening, identification and preservation of nitrogen fixing bacteria (2). A research report in *Food Industry Research and Development Institute* 616 : 1-22. (in Chinese)
73. Young, C. C. 1991. Collections of agricultural microorganisms-screening, identification and preservation of nitrogen fixing bacteria (3). A research report in *Food Industry Research and Development Institute* 650-1 : 1-21. (in Chinese)
74. Young, C. C. 1991. Maintenance of soil organic matter to improve the quality of soil. A handbook of soil management. *Council of Agriculture*. p. 160-170. (in Chinese)
75. Young, C. C. 1991. Effectiveness of soil organic matter and and application of organic fertilizer. *Sinon* 264: 4145. (in Chinese)

76. Young, C. C. 1991. Characteristics and the conspectus for the application of bark compost. *Pesticide World* 89:52-54. (in Chinese)
77. Young, C. C. 1991. A warning to the productivity of agricultural product. A case report of watermelon. *A Monthly report in the science*. (in Chinese)
78. Young, C. C. 1991. A point for attention of the application of organic fertilizer. *Pesticide World* 94:52-54. (in Chinese)
79. Young, C. C. 1992. Organic materials used in organic farming: their types, characteristics and application. *MOA International Nature Farming Research Center* 5:29-32. (in Chinese)
80. Young, C. C. and C. C. Chao. 1992. The relationship between soil pollution and organisms. Teaching materials for the training of environmental protection staffs-Prevention of soil pollution. *Soil and Environmental Sciences, National Chung Hsing University*. p. 87-115. (in Chinese)
81. Young, C. C. and C. H. Lu. 1992. Characterization of soil erosion and the problems to the concervation. *National Chung Hsing University and Chinese Culture University*. p. 1-24.(in Chinese)
82. Young, C. C. 1992. The Harm to the productivity of agricultural products by natural debacle and the way to deal with the situation. *Sinon* 282:34-38. (in Chinese)
83. Young, C. C. 1992. Microbial fertilizer. *Sinon* 283:25-28. (in Chinese)
84. Young, C. C. 1992. Organic fertilizer. *Sinon* 283:40-44. (in Chinese)
85. Young, C. C. 1992. Characteristics of planting materials and conspectus for the application. *Pesticide World* 112: 33-35. (in Chinese)
86. Chen, L. F. and C. C. Young.1993.The essence of soil – humic acid. *A monthly report in the science* 24(1): 53-58. (in Chinese)
87. Young, C. C. 1993. The application of green manure in organic farming. *MOA International Nature Farming Research Center* 9:7-10. (in Chinese)
88. Young, C. C. 1993. Protocols for the analysis of organic toxicant in soil. *A handbook of soil analysis. ROC Society of Soil and Fertilizer* p.20.1-20.6. (in Chinese)
89. Young, C. C. 1993. Management of sediment in aquafarm. A demonstration handbook for the culture of shrimp in a continuous system. *Special Issue on Fishery, Council of Agriculture NO.36*.(in Chinese)

90. Young, C. C. 1993. Problem and solution of continuously farming in soil. Cultivation Techniques of Vegetables and Facilities in Subtropic Region. p. 71-74. (in Chinese)
91. Young, C. C. and C. L. Chang. 1993. Techniques in the fertilization and irrigation. Cultivation Techniques of Vegetables and Facilities in Subtropic Region p.75-83. (in Chinese)
92. Young, C. C. 1994. A common deficiency in the fertilization and their amendment. Pesticide World 125: 32-34.(in Chinese)
93. Young, C. C. 1994. The situation and perspective of microbial fertilizer. Medical Industrial Report in Biotechnology 3(4):15-20. (in Chinese)
94. Young, C. C. 1994. The application of microbial fertilizer in the sustainable agriculture. Sustainable Agriculture 1:29-32. (in Chinese)
95. Young, C. C. 1994. Organic toxicant and hormone. A handbook of plant analysis. ROC Society of Soil and Fertilizer. (in Chinese)
96. Young, C. C. 1994. The importance of soil and fertilizer. Sinon 308:62-64. (in Chinese)
97. Young, C. C. 1995. The advantage/disadvantage and management of using bactericide and pesticide in soil. Pesticide World 142:26-28.(in Chinese)
98. Young, C. C. 1995. Management of soil and fertilizer and continuously farming problems. Cultivation Techniques of Vegetables and Facilities in Subtropic Region p.69-77.(in Chinese)
99. Young, C. C. 1995. The application of microbial fertilizer. Special Issue on Agriculture, Hualien 12:7-8.(in Chinese)
100. Young, C. C. 1995. Nitrogen fixation of legumes (green manure) and the protocols for the inoculation of *Rhizobium*. Council of Agriculture, Executive Yuan and Department of Agriculture and Forestry. Provincial Government of Taiwan. p.13-17. (in Chinese)
101. Young, C. C. 1995. Management of soil and fertilizer and continuous farming problems (2). Flower Gateway 17:2-6. (in Chinese)
102. Young, C. C. 1995. A handbook for the application of indigenous planting materials. Council of Agriculture and Department of Soil and Environmental Sciences, National Chung Hsing University. p.1-34. (in Chinese)
103. Young, C. C. and C. H. Lin. 1995. Water/fertilizer preservation and management of greensward in golf course. Department of Soil and Environmental Sciences, National Chung Hsing University. p.1-24.(in Chinese)

104. Young, C. C. 1995. Fertilizer management of greensward in golf course. *Sinon* 322:8-12.(in Chinese)
105. Chein, S. Y., C. C. Chao, T. C. Juang and C. C. Young. 1995. Transfer of bacterial genetic materials in soil environment. *Newsletter of Soil and Fertilizer* 50:7-22.(in Chinese)
106. Young, C. C. 1995. The application of microbial fertilizer and organic fertilizer. *Fu Shou Hsin Magazine* 10(1): 16-18.(in Chinese)
107. Young, C. C. 1996. Organic farming cultivation and standardization. *Newsletter of Soil and Fertilizer* 52:1-9.(in Chinese)
108. Young, C. C. 1996. The application of indigenous planting materials. *Newsletter of Soil and Fertilizer* 53:5-8.(in Chinese)
109. Young, C. C. 1996. Development and improvement of indigenous planting materials. *Research of Horticulture Facility and Technique Development* 327-334.(in Chinese)
110. Young, C. C. 1996. Planting materials for the cultivation of rose and fertilizer management. *Agriculture in National Chung Hsing University* 18:8-10.(in Chinese)
111. Young, C. C. and A. T. Hung. 1996. Development and application of soybean associated nitrogen fixing *Rhizobium*. ROC Research Report of Agricultural Technology. Council of Agriculture, Executive Yuan.p.178-179.(in Chinese)
112. Young, C. C. 1997. Research on the soil ecology and agricultural productivity. *A monthly report in the science*. 25(3):145-148.(in Chinese)
113. Young, C. C. 1997. Sylva growth and acclimation in the farming ecosystem. Research on the afforestation and Sylva cherish. *Taiwan Forestry Research Institute* p.47-53. (in Chinese)
114. Young, C. C. 1997. Soil and production of crop. Diagnosis of soil environment and plant nutrition. Agricultural Extension Center, National Chung Hsing University. p.1-9. (in Chinese)
115. Young, C. C. 1997. Characteristics and application of planting materials. Diagnosis of soil environment and plant nutrition. Agricultural Extension Center, National Chung Hsing University. p.221-228. (in Chinese)
116. Young, C. C. 1997. Development and application of microbial fertilizer. Diagnosis of soil environment and plant nutrition. Agricultural Extension Center, National Chung Hsing University. (in Chinese)
117. Young, C. C. 1997. Reasonable fertilization of fruit tree and the conspectus. *Agriculture World* 168:11-16.(in Chinese)

118. Young, C. C., L. C. Chen and L. F. Chen. 1998. The influence of cold vegetable, soil property and fertilization on water and soil preservation. Special Issue on Forestry, Council of Agriculture 60:99-110.(in Chinese)
119. Young, C. C. 1998. Soil management and reasonable fertilization in tea garden. Special Issue on sustainable management of tea (a short-term training). p. 1-7. (in Chinese)
120. Chang, F. P. and C. C. Young. 1998. The effects of phosphate solubilizing bacteria on the absorption of phosphate and quality of tea. Analytical Report of Soil and Fertilizer. Department of Agriculture and Forestry. Provincial Government of Taiwan. p.257-267.(in Chinese)
121. Young, C. C., J. M. Liou and S. C. Wu. 1999. The influence on the water and soil preservation by multi-functional techniques used in mountainside farm. Research Project of Water and Soil Preservation. p.281-288.(COA Forestry Series NO.62) (in Chinese)
122. Young, C. C. and C. H. Su. 1999. Researches on the soil ecology, quality and productivity of crops. Newsletter of Life Science 13(8):3-4. (in Chinese)
123. Young, C. C. 1999. Recovery of soil and crops after earthquake. Agriculture World 196:23-27.(in Chinese)
124. Young, C. C. 2000. Assessment of the impact of climate changes on soil environment. Global Changes Magazine 24:24-22.(in Chinese)
125. Young, C. C. 2000. The probably impact on agriculture and environment caused by the introduction of biotechnology and genetically modified organisms. Agriculture World. 202:28-29.(in Chinese)
126. 126 Young, C. C. 2000. Distribution of trace element and heavy metal in organic farming soil. Novel Information of International Agricultural Technology 2:3-7.(in Chinese)
127. Young, C. C., J. M. Liou and S. C. Wu. 2000. Development of novel techniques to conserve water resource in mountainside farm. Research Project of Water and Soil Preservation. p.113-120.(COA Forestry Series NO.65) (in Chinese)
128. Hwang, Y. M., J. T. Wu and C. C. Young. 2000. Types, characteristics and effectiveness of fertilizers. Special Issue on Management and Extension of Fertilizer and Pesticide 7:13-40.(in Chinese)
129. Young, C. C. 2000. Reasonable fertilization. Special Issue on Management and Extension of Fertilizer and Pesticide 7:41-48.(in Chinese)

130. Young, C. C. 2000. The application of microbial fertilizer in the orchard. Training Lecture of Agriculture for the Youth in Countryside (a short-term training program). Kaohsiung District Agricultural Research and Extension Station, Council of Agriculture, Executive Yuan. p.24-1~24-13.(in Chinese)
131. Young, C. C. 2001. Application of microbial fertilizer in agriculture. Extension Books of Agricultural Research Field, College of Agriculture, National Chung Hsing University 0102:20-32.(in Chinese)
132. Young, C. C. and E. M. Lee. 2001. Development of novel techniques to conserve water resource in mountainside farm. Research Project of Water and Soil Preservation. p.47-52.(COA Forestry Series NO.66) (in Chinese)
133. Young, C. C. 2001. Research and development of biofertilizer. Sustainable Agriculture. Chinese Sustainable Agriculture Association. p.80-92 .(in Chinese)
134. Young, C. C. 2001. Nitrogen fixation of legumes (green manure) and the protocols for the Inoculation of *Rhizobium*. Application techniques of green manure. Agricultural Research Institute, Council of Agriculture, Executive Yuan. p.39-42.(in Chinese)
135. Young, C. C. 2002. The development of novel techniques to transform kitchen waste to fertilizer. Special Issue on Biotechnology of Life Science. National Science Council. p.161.(in Chinese)
136. Young, C. C. 2002. Exploiting multi-functional biofertilizer and techniques combined with organic matter. Achievement and Business Transaction of Nation-wide Agricultural Biotechnology. Industrial Development Bureau, Ministry of Economic Affairs and National Chung Hsing University.p.1.(in Chinese)
137. Young, C. C., R. M. Liou and F. T. Shen. 2002. Genetic relatedness of phosphate solubilizing rhizobia and non-phosphate solubilizing rhizobia by random amplified polymorphic DNA analysis. Newsletter of Soil and Fertilizer 84:167-168.(in Chinese).
138. Young, C. C. 2003. The application of soil microorganisms in environmental treatments. Symposium on the development of novel biotechniques. Institute of Biotechnology and Biotechnology Center, National Chung Hsing University. (in Chinese)
139. Young, C. C. 2003. The interactions between soil microorganisms. Agriculture World 236:13-17.(in Chinese)
140. Young, C. C. 2003. The relationship between biodiversity and ecological conservation/agricultural debacle. Biolife Magazine.03:36-37.(in Chinese)
141. Young, C. C. 2003. Organisms in the soil. Soil Management. Department of Soil and Environmental Sciences, National Chung Hsing University. p.6-1~6-7.(in Chinese)

142. Young, C. C. 2003. Characteristics and exploitation of biofertilizer. Exploiting and management of fertilizer. Department of Soil and Environmental Sciences, National Chung Hsing University. p.7-1~7-3.(in Chinese)
143. Yang, S. S., L. P. Lin, C. B. Liou, K. C. Chen, C. M. Lai, E. S. Wang, C. C. Young, C. C. Chao, T. C. Tan, C. F. Lee and C. C. Hung. 2003.Measurement of CO₂ emission during the process of agricultural production and strategies for the reduction of gas emission. Global Changes Magazine 40:1-14.(in Chinese)
144. Yang, S. S., C. B. Liou, C. M. Lai, E. S. Wang, S. N. Huang, K. C. Chen, C. B. Wai, E. B.Wang, C. C. Young, T. C. Tan, R. M. Liou and C. C. Chang. 2003.Measurement of CH₄ emission during the process of agricultural production and strategies for the reduction of gas emission. Global Changes Magazine.40:15-35.(in Chinese)
145. Yang, S. S., C. B. Liou, K. C. Chen, C. B. Wai, C. M. Lai, C. C. Chao and C. C. Young. 2003. Measurement of N₂O emission in farmland and strategies for the reduction of gas emission. Global Changes Magazine 40:88-110.(in Chinese)
146. Yang, S. S., C. B. Liou, L. P. Lin, C. M. Lai, E. S. Wang, C. Chiu, H. S. Lu, E. P. Wang, C. C. Chao, C. C. Young, S. C. Lou, K. S. Ko, J. M. Chang, C. C. Hung, J. M. Liou, S. N. Huang and C. F. Lee. 2003. Flux measurement and reduction of greenhouse gas. Global Changes Magazine. 40:140-153.(in Chinese)
147. Young, C. C. 2004. Diversity of microorganisms and the conservation of soil. Agriculture World 249:30-33.(in Chinese)
148. Young, C. C. 2004. The application of microbial fertilizer in the grapes orchard. Special Issue on the Cultivation of Grapes. Taichung District Agricultural Research and Extension Station, Council of Agriculture, Executive Yuan 67:55~67.(in Chinese)
149. Young, C. C. 2004. The properties and changes during composting. Training Lecture of Agriculture for the Youth in Countryside (a short-term training program). Agricultural Extension Center, College of Agriculture and Natural Resources, National Chung Hsing University. p.25-29.(in Chinese)
150. Young, C. C. 2004. A brief introduction to biofertilizer. Feng-Nian 54 (16):26-29.(in Chinese)
151. Young, C. C. 2005. The characteristics and application of silicon fertilizer. Agriculture World 257:48-51.(in Chinese)
152. Young, C. C. 2005. The application of biofertilizer in organic farming. Lectures of Organic Agricultural Symposium. Chia-yi County Human Resource Development Center p.8-1~8-8.(in Chinese)

153. Young, C. C. 2005. Research, development and perspective of multi-functional biofertilizer. *New century of Agricultural Biotechnology. Special Issue of Agricultural Biotechnology park. The Agricultural Biotechnology Park, Council of agriculture, Executive Yuan.* p.3-7.(in Chinese)
154. Young, C. C. 2005. A brief introduction to biofertilizer. Characteristics of fertilizer and reasonable fertilization. *Special Issue of Tainan District Agricultural Research and Extension Station, Council of Agriculture, Executive Yuan 94-3(NO.132)* p.94-99.(in Chinese)
155. Young, C. C. 2005. Characteristics and exploitation of biological fertilizer. *A quarterly publication of Agricultural Biotechnology 4:18-22.*(in Chinese)
156. Young, C. C. 2005. Biofertilizer and its application. *Taiwan Agriculture Encyclopedia (Crop edition-3) ,Council of Agriculture, Executive Yuan* p.561-566.
157. Young, C. C. 2006. Special visit in biofertilizer. *Biotech Taiwan 7:3-6. Biotechnology Center, National Chung Hsing University*(in Chinese).
158. Young, C. C. 2006. Microbial fertilizer-- P-solubilizing bacteria. *World of Agriculture and Livestock(Malaysia), Jun. 2006:62-63*(in Chinese).
159. Young, C. C. 2006. Effects and significance of P-solubilizing bacteria and mycorrhiza on soils. *World of Agriculture and Livestock (Malaysia), Aug. 2006:2-4*(in Chinese).
160. Young, C. C. 2006. Introduction and application of microbial fertilizers(1) and (2). *Proceeding of Taiwan Health Industry Key Technology: Crop Non-pesticide Culture and Biological Control. Agricultural Extension Center, College of Agriculture and Natural Resources, National Chung Hsing University.* p.145-160. (in Chinese)
161. Young, C. C. , and C. C. Chou. 2006. Characteristics and application of rhizobia. *Agricultural Biotechnology Industry Quarterly (Development Center for Biotechnology) 8:20-24* ° (in Chinese)
162. Young, L.S. and C.C. Young. 2006. Organic boost from instant composting. *FlowerTECH 9(7):39-41.*
163. Young, C.C. 2007. Application of microbial fertilizer in organic farming. *Proceeding of Organic Farming Training in Kaohsiung District Agricultural Research and Extension Station, Council of Agriculture, Executive Yuan, 8-1~8-12* ° (in Chinese)
164. Young, C.C. 2007. Development and Application of Biofertilizers in the Republic of China. *Business Potential for agricultural Biotechnology Products. Asian Productivity Organization.* p.51-57

165. Young, C.C. 2007. Prospects and keynotes for Microbial Fertilizers Act. Agricultural Biotechnology Industry Quarterly 2007(12):16-20. (in Chinese)
166. Young, C.C. and F.T. Shen. 2007. Agricultural application in soil microbial diversity. Council of Agriculture, Executive Yuan and Chinese Society of Sustainable Agriculture 2007(26): 3-9. (in Chinese)
167. Young, C.C. 2008. Global warming and environmental protection. Journal of Chien-Ho 46:3-5. (in Chinese)
168. Young, C.C. and F.T. Shen. 2008. Application of biofertilizer in the organic farming. Chair Seminar on organic Industry. Ministry of Education of ROC and National Chung Hsing University. P.138-151.(in Chinese)
169. Young, C.C. and F.T. Shen. 2008. Characteristics and benefits of phosphate solubilizing biofertilizers. Agricultural Biotechnology Industry Quarterly 16: 57-59. (in Chinese)
170. Young, C.C. 2008. Problems and fast treatment technology in food waste organic fertilizers. Agriculture World 306: 20-23. (in Chinese)
171. Young, C.C. 2009. Technology and production development for micro-encapsulation of biofertilizer. Special proceeding of 3rd issue in Development Program of Industrialization for Agricultural Biotechnology. Office of Development Program of Industrialization for Agricultural Biotechnology. p.230(in Chinese)
172. Young, C.C. 2009. Mass production test and application for fast treatment of pig dung. Special proceeding of 3rd issue in Development Program of Industrialization for Agricultural Biotechnology. Office of Development Program of Industrialization for Agricultural Biotechnology. p.234(in Chinese)
173. Young, C.C. 2009. Composting treatment and application for the school food wastes. Proceeding of symposium on the organic ecological campus. MingDao University and Taipei Municipal University of Education .p.10-11(in Chinese)
174. Young, C.C., and F.T. Shen .2009. Biofertilizers in the application of organic agriculture. Biotechnological Chair for Organic Farming. Biotechnology Center and the College of Agriculture and Natural Resources, National Chung Hsing University. p.129-142(in Chinese)
175. Young, C.C., and F.T. Shen .2009. Research, Production and Commercialization of Biopesticides and Biofertilizers. Expert Consultation on Biopesticides and Biofertilizers for Sustainable Agriculture Organized by Asia-Pacific Association of Agricultural Research Institutions (APAARI) & Council of Agriculture, Taipei (COA).

176. Young, C.C. 2010. Nitrogen-fixing microbial properties and field application of technology. 99 year field application of microbial fertilizers technical training handouts. The Chinese Society of Soil and Fertilizer Sciences. p. 52-60.
177. Wang, C.L., S.Y. Chien, and C.C. Young. 2010. Present situation and future perspectives of biofertilizer for environmentally-friendly agriculture. Food & Fertilizer Technology Center. Extension Bulletin 634: 1-7.
178. 楊秋忠。2010。小兵立大功：土壤微生物的多樣性及環境保護之應用。國科會科學教育講座。自然科學博物館主辦。台灣台中。
179. 楊秋忠。2010。糧食安全及節能減碳調適策略。全球氣候變遷與台灣農業因應調適策略座談會。國立中興大學主辦。台灣台中。
180. 楊秋忠。2010。廚餘堆肥之製作。樹德科技大學通識教育。樹德科技大學主辦。台灣高雄。
181. 楊秋忠。2010。微生物與植物生長。國立中興大學通識講座。國立中興大學主辦。台灣台中。
182. 楊秋忠。2010。微生物與植物生長。國立中興大學通識講座。國立中興大學主辦。台灣台中。
183. 楊秋忠。2010。微生物與生物復育。國立中興大學通識講座。國立中興大學主辦。台灣台中。
184. 楊秋忠。2010。全球農業與糧食問題。中國醫藥大學通識講座。中國醫藥大學主辦。台灣台中。
185. 楊秋忠。2010。土壤微生物世界及環境保育應用。屏東科技大學通識教育講座。屏東科技大學主辦。台灣屏東。
186. 楊秋忠。2010。微生物肥料。國立中興大學農業推廣中心「植物醫生培訓」專班。國立中興大學主辦。台灣台中。
187. 楊秋忠。2010。微生物肥料應用。後龍鎮農會農民講習。後龍鎮農會主辦。台灣苗栗。
188. 楊秋忠。2010。堆肥製作要領及品質。農藥所99年農民專業訓練班。農藥所主辦。台灣霧峰。
189. 楊秋忠。2010。微生物肥料簡介。農藥所99年農民專業訓練班。農藥所主辦。台灣霧峰。
190. 楊秋忠。2010。生物性肥料之認識與應用。高雄農改場99年度農業職業訓練。高雄農改場主辦。台灣高雄。
191. 楊秋忠。2010。微生物肥料在有機農業上的應用。高雄農改場99年度農業職業訓練。高雄農改場主辦。台灣高雄。
192. 楊秋忠。2010。固氮微生物的特性及田間應用技術。微生物肥料田間用技術訓練班。中華土壤肥料學主辦。
193. 楊秋忠。2010。科技與藝文人生。國立虎尾科技大學通識教育。國立虎尾科技大學主辦。台灣虎尾。

194. 楊秋忠。2010。微生物肥料簡介。微生物肥料檢驗技術訓練班。農委會農糧署科發基金計畫。國立中興大學主辦。台灣台中。
195. 楊秋忠。2010。豆科根瘤菌之測定原理介紹。微生物肥料檢驗技術訓練班。農委會農糧署科發基金計畫。國立中興大學主辦。台灣台中。
196. 楊秋忠。2010。叢枝菌根菌之測定原理介紹。微生物肥料檢驗技術訓練班。農委會農糧署科發基金計畫。國立中興大學主辦。台灣台中。
197. 楊秋忠。2010。溶磷菌之測定原理介紹。微生物肥料檢驗技術訓練班。農委會農糧署科發基金計畫。國立中興大學主辦。台灣台中。
198. 楊秋忠。2010。複合微生物肥料與雜菌率之測定及原理介紹。微生物肥料檢驗技術訓練班。農委會農糧署科發基金計畫。國立中興大學主辦。台灣台中。
199. 楊秋忠。2010。微生物肥料之特性及應用。台大植微講座。國立台灣大學主辦。台灣台北。
200. 楊秋忠。2010。微生物肥料。國立中興大學農業推廣中心「植物醫生培訓」專班。國立中興大學主辦。台灣台中。
201. 楊秋忠。2011。長期農地土壤施肥與農藥對土壤微生物多樣性之影響及因應策略。2011國科會自然處永續發展整合研究成果發表會。國科會自然處主辦。台灣台北。
202. 楊秋忠。2011。微生物肥料。立中興大學農業推廣中心「植物醫生培訓」專班。國立中興大學主辦。台灣台中。
203. 楊秋忠。2011。台灣有機廢棄物的再利用。中正農業基金會100年農業科技研究計畫成果研討會。中正農業基金會主辦。台灣台中。
204. 楊秋忠。2011。生物性肥料在有機農業上的應用。轉譯醫學及農學人才培育先導型計畫。國立中興大學生物產業管理研究所。國立中興大學主辦。台灣台中。
205. 楊秋忠。2011。堆肥製作要領及品質。農藥所100年農民專業訓練班。農藥所主辦。台灣霧峰。
206. 楊秋忠。2011。微生物肥料簡介。農藥所100年農民專業訓練班。農藥所主辦。台灣霧峰。
207. 楊秋忠。2011。微生物肥料在有機農業上的應用。轉譯醫學及農學人才培育先導型計畫。國立中興大學生物產業管理研究所主辦。台灣台中。
208. 楊秋忠。2011。固氮微生物的特性及田間應用技術。施肥技術與施肥效果講習班。中華土壤肥料學會主辦。。
209. 楊秋忠。2011。科技與藝文人生。東西文化中心主辦。台灣台北。
210. 楊秋忠。2011。土壤環境污染之問題。台北中正基金會主辦。台灣台北。
211. 楊秋忠。2011。土壤微生物世界。國立中興大學微生物世界通識教育。國立中興大學主辦。台灣台中。

212. 楊秋忠。2011。微生物與植物生長。國立中興大學微生物世界通識教育。國立中興大學主辦。台灣台中。
213. 楊秋忠。2011。微生物與生物復育。國立中興大學微生物世界通識教育。國立中興大學主辦。台灣台中。
214. 楊秋忠。2011。有機堆肥之製作。農藥所100年農民專業訓練班。農藥所主辦。台灣霧峰。
215. 楊秋忠。2011。土壤與肥料管理。義竹鄉農會教育訓練班。義竹鄉農會主辦。
216. 楊秋忠。2011。微生物肥料之研發、量產及應用。轉譯醫學及農學人才培育先導型計畫。國立中興大學農資院主辦。台灣台中。
217. Young, C.C. 2011. Nitrogen-fixing microbial function and field application technology. *Agriculture World*. No. 331. p. 10-16.
218. Shen, F.T., and C.C. Young. 2011. Introduction of microbial fertilizer assay method. *Agriculture World*. No. 331. p. 32-37.
219. Young, C.C. 2011. Management of soil biological properties. Relation to organic farming techniques in Taiwan (1). *Harvest farm magazine*. p. 128-136.
220. Young, C.C. 2011. Liquid organic fertilizer production technology and application. Relation to organic farming techniques in Taiwan (1). *Harvest farm magazine*. p. 256-262.
221. Young, C.C. 2011. Microbial fertilizer. Classes of plant doctors in training professionals. *Agriculture extension center, National Chung Hsing University*. p. 356-370.
222. Young, C.C., and F.T. Shen. 2011. Agricultural biotechnology major events: microbial fertilizer from the emerging research into the regulation of industry. *Agricultural Policy and Situation*. No. 230 p. 67-71.
223. 楊秋忠。2012。永續綠色農業之現況發展及市場趨勢。植物保護製劑Face to Face技術商談媒合會。農業生物技術產業化推動辦公室主辦。台灣台北。
224. 楊秋忠。2012。微生物肥料及其應用。植物工廠系列課程。工研院產業學院主辦。台灣新竹。
225. 楊秋忠。2012。固氮微生物的特性及田間應用技術。中華土壤肥料學會101年微生物肥料田間應用技術訓練班。中華土壤肥料學會主辦。台中。
226. 楊秋忠。2012。An electrochemical tool for exoelectrogenic microbial observation in vitro。Participant Information SCOPE-Zhongyu Environmental Forum 2012。大陸太原。
227. 楊秋忠。2012。微生物肥料簡介。101年微生物肥料檢驗技術訓練班。中華永續農業協會主辦。台灣台中。

228. 楊秋忠。2012。豆科根瘤菌之測定原理介紹。101年微生物肥料檢驗技術訓練班。中華永續農業協會主辦。台灣台中。
229. 楊秋忠。2012。複合微生物肥料與雜菌率之測定原理介紹。101年微生物肥料檢驗技術訓練班。中華永續農業協會主辦。台灣台中。
230. 楊秋忠。2012。溶磷菌之測定原理介紹。101年微生物肥料檢驗技術訓練班。中華永續農業協會主辦。台灣台中。
231. 楊秋忠。2012。叢枝菌根菌之測定原理介紹。101年微生物肥料檢驗技術訓練班。中華永續農業協會主辦。台灣台中。
232. 楊秋忠。2012。A rapid and innovative fertilizer production technology from organic wastes(Malaysia)。中興大學校友中心主辦。馬來西亞。
233. 楊秋忠。2012。微生物肥料特性及梨樹應用技術。梨樹合理化施肥講習說明會。中華土壤肥料學會主辦。台灣台中。
234. 楊秋忠。2012。微生物肥料簡介與應用。苗栗縣後龍鎮農會教育訓練。苗栗縣後龍鎮農會主辦。台灣苗栗。
235. 楊秋忠。2012。高效土壤腐植化創新技術應用於地力增進。苗栗縣後龍鎮農會教育訓練。苗栗縣後龍鎮農會主辦。台灣苗栗。
236. 楊秋忠。2013。微生物肥料。國立中興大學農業推廣中心「植物醫生培訓」專班。國立中興大學主辦。台灣台中。
237. 楊秋忠。2013。快速處理1~3小時製成有機質肥之開發。社團法人中華民國管理科學學會主辦。台灣台北。
238. 楊秋忠。2013。多種溶磷能力微生物肥料產品之開發。社團法人中華民國管理科學學會主辦。台灣台北。
239. 楊秋忠。2013。快速處理有機廢棄物製成有機質肥料之創新技術。台菲畜牧論壇。行政院農業委員會畜產試驗所主辦。台灣台南。
240. 楊秋忠。2013。設施永續經營概要。102年地方特色暨安全農業推廣教育培訓課程。虎尾鎮農會主辦。台灣虎尾。
241. 楊秋忠。2013。固氮微生物的特性及田間應用技術。微生物肥料田間應用技術訓練班。中華土壤肥料學會。台灣苗栗。
242. 楊秋忠。2013。微生物肥料生產技術與應用。102年肥料生產技術與應用講習班。中華肥料協會主辦。台灣台中。
243. 楊秋忠。2013。固氮微生物的特性及田間應用技術。微生物肥料田間應用技術訓練班。中華土壤肥料學會主辦。台中嘉義。

244. 楊秋忠。2013。微生物肥料之研發及應用。植物生物科技產官學講座』課程。國立中興大學主辦。台灣台中。
245. 楊秋忠。2013。微生物肥料。國立中興大學農業推廣中心「植物醫生培訓」專班。國立中興大學主辦。台灣台中。
246. 楊秋忠。2013。微生物生技在永續農業土壤的發展及應用。成功大學永續發展講座課程。國立成功大學主辦。台灣台南。
247. Young, C.C. 2013. Soil microbial changes with the impact of functional assessment and treating strategies. Agriculture World. No. 362. p. 10-16. (in Chinese)
248. 楊秋忠。2014。土壤生態：生物與環境相互關係。國立中興大學通識教育。國立中興大學主辦。台灣台中。
249. 楊秋忠。2014。微生物肥料。國立中興大學農業推廣中心「植物醫生培訓」專班。國立中興大學主辦。台灣台中。
250. 楊秋忠。2014。如何建立設施土壤永續栽培。103年度「外銷洋桔梗病蟲害綜合防治示範計畫」講習會。虎尾鎮農會主辦。台灣虎尾。
251. 楊秋忠。2014。土壤微生物之重要性。103年度「外銷洋桔梗病蟲害綜合防治示範計畫」講習會。虎尾鎮農會主辦。台灣虎尾。
252. 楊秋忠。2014。長期水旱輪作在不同施肥處理對水稻及玉米內生菌生物多樣性及功能之研究。2014年科技部農業環境科學學門成果發表會。科技部生科司主辦。台灣台北。
253. 楊秋忠。2014。微生物肥料田間應用技術。微生物肥料田間應用技術訓練講習會。中華土壤肥料學會主辦。台灣台中。
254. 楊秋忠。2014。微生物生技在永續農業土壤的發展及應用。成功大學永續發展講座。國立成功大學主辦。台灣台南。
255. 楊秋忠。2014。微生物肥料菌種特性、功能及應用於有機農業肥培技術。雲林四湖鄉農會教育訓練。雲林四湖鄉農會主辦。台灣雲林。
256. 楊秋忠。2014。慣行農耕及永續農耕農業生態系統服務之評估及因應策略。2014科技部自然司永續發展整合研究成果發表會。國立臺灣大學生物環境系統工程學系主辦。台灣台北。
257. 楊秋忠。2014。A rapid and innovative biotechnology to produce organic fertilizers from organic wastes. 2014第十屆國際生物催化暨農業生物技術研討會。社團法人國際生物催化暨農業生物技術學會主辦。
258. 楊秋忠。2014。微生物肥料。植物醫學培訓第12班專班。國立中興大學農業推廣中心主辦。台灣台中。

259. 楊秋忠。2015。有機質肥料之生產及應用。嘉義縣大林鎮農會教育訓練。嘉義縣農會主辦。台灣嘉義。
260. 楊秋忠。2015。微生物肥料菌種特性及功能。2015微生物肥料田間應用技術訓練講習會。中華土壤肥料學會辦理。台灣台南。
261. 楊秋忠。2015。微生物肥料菌種特性及功能。2015微生物肥料田間應用技術訓練講習會。中華土壤肥料學會辦理。台灣台中。
262. 楊秋忠。2015。微生物肥料菌種特性及功能。2015微生物肥料田間應用技術訓練講習會。中華土壤肥料學會辦理。台灣嘉義。
263. 楊秋忠。2015。微生物肥料菌種特性及功能。2015微生物肥料田間應用技術訓練講習會。中華土壤肥料學會主辦。台灣雲林。
264. 楊秋忠。2015。微生物肥料簡介及使用。「作物栽培非農藥及生物防治」培訓班。國立中興大學農推中心主辦。台灣台中。
265. 楊秋忠。2016。樹木養分與肥料。第一屆台中樹藝研習班。國立中興大學農業推廣中心主辦。台灣台中。
266. 楊秋忠。2016。土壤與肥料對葡萄果樹的影響。大村鄉葡萄產銷班教育訓練。大村鄉葡萄產銷班主辦。台灣彰化。
267. 楊秋忠。2016。微生物肥料菌種特性及功能。微生物肥料田間應用技術訓練講習會。農糧署主辦。台灣台南。
268. 楊秋忠。2016。微生物肥料菌種特性及功能。微生物肥料田間應用技術訓練講習會。中華肥料協會主辦。台灣台中。
269. 楊秋忠。2016。微生物肥料菌種特性及功能。微生物肥料田間應用技術訓練講習會。中華肥料協會主辦。台灣嘉義。
270. 楊秋忠。2016。微生物肥料菌種特性及功能。微生物肥料田間應用技術訓練講習會。中華肥料協會主辦。台灣彰化。
271. 楊秋忠。2016。有機堆肥及液肥製作及應用實作。2016年綠色農業栽培研習班。國際合作發展基金會教育訓練處主辦。台灣台中。
272. 楊秋忠。2016。The Biotic Compost Making Technique and Biotic Fertilizer Application in Green Agriculture。2016年綠色農業栽培研習班。國際合作發展基金會教育訓練處主辦。台灣台中。
273. 楊秋忠。2016。微生物肥料之研發及應用。植物生物科技產官學講座。國立中興大學主辦。台灣台中。
274. 楊秋忠。2016。雜草、土壤與果樹健康。草生研習會。觀樹教育基金會主辦。台灣苗栗。

275. 楊秋忠。2017。環境變遷與糧食危機及節能減碳調適策略。T4聯盟通識專題巡迴講座。國立中山大學主辦。台灣高雄。
276. 楊秋忠。2017。土壤環境微生物之研究與展望。2017玉山永續環境論壇。國立成功大學主辦。台灣台南。
277. 楊秋忠。2017。土壤微生物與農業永續環境。台灣新農業亮點系列(I)。科技部生科中心主辦。台灣台北。
278. 楊秋忠。2017。微生物肥料田間應用技術。台灣青果運銷合作社台中分社東勢場教育訓練。台灣青果運銷合作社主辦。台灣台中。
279. 楊秋忠。2017。小兵立大功：土壤微生物之簡介及應用。第十五屆週日閱讀科學大師。國立成功大學、國立科工館、高雄應用科大主辦。台灣高雄。
280. 楊秋忠。2018。小兵立大功：微生物對農業的貢獻。科創講堂 Sci-Tech FORUM 2018。科學人與清華大學合作主辦。台灣台北。
281. 楊秋忠。2018。微生物肥料田間應用技術。微生物肥料田間應用技術訓練講習會。中華肥料協會主辦。台灣虎尾。
282. 楊秋忠。2018。快速循環的有機廢棄物系統。循環經濟與永續農業國際論壇。國立中興大學國際產學聯盟主辦。台灣台中。
283. 楊秋忠。2018。微生物肥料簡介。中華永續農業協會107年微生物肥料檢驗技術訓練班。中華永續農業協會主辦。台灣台中。
284. 楊秋忠。2018。肥料產業在新南向的契機。新南向論壇研討會。國立中興大學主辦。台灣台中。
285. 楊秋忠。2019。土壤微生物生技於農業之應用與發展。台灣新世代生技於農業之應用與發展研討會。正瀚生技公司主辦。台灣南投。
286. 楊秋忠。2019。土壤微生物生技之應用與產業發展分享。2019台灣新農業亮點系列研討會。國立中興大生科中心主辦。台灣台中。
287. 楊秋忠。2019。有機物循環利用在土壤碳管理技術之發展。台灣循環農業之永續作為與展望研討會。中華永續農業協會主辦。台灣台中。
288. 楊秋忠。2019。快速循環的有機廢棄物系統。生醫產業與新農業學產研鏈結人才培育計畫。中興大學植物病理學系主辦。台灣台中。
289. 楊秋忠。2019。土壤生物技術與微生物肥料。作物設施栽培與土壤肥培管理班。中興大學農業推廣中心主辦。台灣台中。
290. 楊秋忠。2019。微生物肥料菌種特性及功能。108年微生物肥料田間應用技術訓練講習會。行政院農業委員會農糧署委辦。台灣台中。

291. 楊秋忠。2020。禽畜糞的處理技術及比較。農業世界雜誌2020年第447期11月號。
292. 楊秋忠。2020。來自土壤，回歸土壤，有機質循環的最後一棒。豐年月刊2020年8月號。
293. 楊秋忠。2020。有機質肥料的常見迷思。豐年月刊2020年11月號。
294. 楊秋忠。2020。有機栽培，從土壤與肥料開始。豐年月刊2020年12月號。