

Yuncong Li

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(a) Education

Shandong Agricultural University	Soil Science/Agro-chemistry	B.S.
University of Georgia	Agronomy/Soil Chemistry	M.S.
University of Maryland	Environmental Science	Ph.D.

(b) Employment History and Academic Appointments

- Professor, Department of Soil and Water Sciences, University of Florida, 07/2008-Present
- Associate Professor, Department of Soil and Water Sciences, University of Florida, 07/2003-06/2008
- Assistant Professor, Department of Soil and Water Sciences, University of Florida, 11/1996-06/2003

(c) Professional and Synergistic Activities

- Research Focus: Management practices to improve nutrient use efficiency, and nutrient cycling in soils/sediments. nonpoint source pollution, water and soil quality monitoring, assessment, and remediation.
- Extension Focus: Providing training of nutrient management practices and water quality for extension agents, researchers, and others; Having an extension program of water quality/quantity best management practices; Organizing and participating workshops, demonstration and field days; Publishing extension articles and newsletters; Training and providing technical assistance to county extension agents.
- Teaching Activities: Involving in advising and mentoring undergraduate interns, graduate students, and postdoctoral research associates. Taught graduate courses of “Communication in Academia” and “Advance Soil and Water Chemistry”. Chaired or co-chaired 35 PhD and MS students, served as a committee member for 47 graduate students, and supervised 16 postdoctoral fellows and over 70 international visiting (six months to two years) scholars
- International Activities: In collaboration with international colleagues, I have conducted field research in Asia and South America and these activities have resulted in many scholarly publications and change in practices. In collaborations with over 200 international scholars from 27 countries, I co-edited the Handbook of Soil Sciences. The book is a comprehensive and cohesive reference on the discipline of soil science and serves as a valuable resource for soil scientists, agronomists, engineers, ecologists, and biologists. Our second book entitled “Water quality concept, sampling and analyses” has been distributed worldwide and used by scientists and environmental professionals for protecting water resources. I have hosted many international scientists and students for long term studies and short visits and made significant international contributions to promote research, teaching and extension of soil and water sciences. I have been invited to give keynote talks and lectures in many countries and taught short courses on integrated nutrient management and soil and water quality.

(d) Honors and Awards

- Fellow (American Society of Agronomy and the Soil Science Society of America)

- Junior Faculty Research Award (Sigma Xi, the international honor society of science and engineering)
- Senior Faculty Award (Gamma Sigma Delta, the honor society of agriculture)
- Distinguished Extension Award (Extension Association of Florida)
- International Educator of the Year (UF, IFAS)
- Kingenta Agricultural Science Award (American Society of Agronomy)
- Distinguished Career Award (Association of Chinese Soil & Plant Scientists in North America)
- University of Florida Research Foundation Professorship Award and Term Professorship Award
- Most Publications Faculty Award (UF/TREC)

(e) Publications (Career total: 3 books, 16 book chapters, 286 refereed papers, 71 non-refereed publications, and 115 extension articles)

Books, Edited:

- 2 Huang, P.M., Y.C. Li, M.E. Sumner (ed.) 2011. Handbook of Soil Sciences, 2nd ed. Taylor & Francis, Boca Raton, FL. <http://www.taylorandfrancis.com/books/details/9781439803035/> (Dr. Huang passed away before the editing was completed) (2012 Outstanding Academic Title by the *Choice*, *Current Reviews for Academic Libraries*)
- 1 Li, Y.C. and K. Migliaccio (ed.) 2010. Water Quality Concepts, Sampling, and Analyses. Taylor & Francis, Boca Raton, FL.
<http://lib.myilibrary.com/Open.aspx?id=290252&loc=&srch=undefined&src=0>

Books, Contributor of Chapters

- 16 Liu, G., C.F. Miller, B. Wells, Y.C. Li, and Q. Wang. 2019. Chapter 5. Ethnic Vegetable Production. In G.E. Dittmer et al. (ed.) Vegetable Production Handbook of Florida, 2019–2020. University of Florida.
- 15 Li, Y.C. and K.W. Migliaccio. 2010. Chapter 1: Introduction. p. 1-9. In Y.C. Li and K.W. Migliaccio (ed.) Water Quality Concepts, Sampling, and Analyses. Taylor and Francis/CRC Press, Boca Raton, FL.
- 14 Li, Y.C., K.W. Migliaccio, M. Zhou and Nicholas Kiggundu². 2010. Chapter 7: Sampling pore-water from soil and sediment. p. 93-112. In Y.C. Li and K.W. Migliaccio (ed.) Water Quality Concepts, Sampling, and Analyses. Taylor and Francis/CRC Press, Boca Raton, FL.
- 13 Li, Y.C., M. Zhou, and J. Zhao 2010. Chapter 9: Laboratory qualifications for water quality monitoring. p. 137-156. In Y.C. Li and K.W. Migliaccio (ed.) Water Quality Concepts, Sampling, and Analyses. Taylor and Francis/CRC Press, Boca Raton, FL.
- 12 Li, Y.C., R. Rao, and L. Ma. 2010. Chapter 10: Laboratory analyses. p. 157-198. In Y.C. Li and K.W. Migliaccio (ed.) Water Quality Concepts, Sampling, and Analyses. Taylor and Francis/CRC Press, Boca Raton, FL.
- 11 Wang, Q. and Y.C. Li. 2010. Chapter 14: Examples of water quality monitoring programs. p. 275-312. In Y.C. Li and K.W. Migliaccio (ed.) Water Quality Concepts, Sampling, and Analyses. Taylor and Francis/CRC Press, Boca Raton, FL.
- 10 Li, Y.C. 2009. Soils and nutrient management for tropical fruit trees. p. 303-310 (English), p. 311-319 (Spanish). In M.E.C. Flores, C.R. Bello, J.L.M. Martinez (eds.) Frutas Del Tropic, Universidad Autonoma de Chiapas, Tuxtia Gutierrez, Mexico.
- 9 ^PLiu, G.D. and Y.C. Li. 2008. Sustainable development of prataculture and ecological rehabilitation via shift from grain production to vegetative production in South China. p. 19-27. In H. G. Schröder (ed.) Grasslands: Ecology, Management and Restoration, Nova Science Publishers, Inc. Hauppauge, NY.
- 8 ^PLiu, G.D., Y.C. Li, and A. Alva. 2008. Shannon entropy of ammonia volatilization from fertilized

- agricultural soils. p. 53-65. *In* O.W. Castalongo (ed.) *Agricultural systems: Economics, Technology and Diversity*. Nova Science Publishers, Inc, Hauppauge, NY.
- 7 ^PLiu, G.D., **Y.C. Li**. 2008. Reduction of ammonia emission to improve air quality. p. 149-155. *In* B. Gu (ed.) *Green Careers-writing collections of oversea Chinese ecologists*. Higher Education Press, Beijing, China.
- 6 Wang, Q.R., **Y. C. Li** and W. Klassen. 2006. Influence of fly ash and other amendments on leaching of soil nutrients and metals from a calcareous soil. p. 171-176. *In* K.S. Sajwan, I. Twardowska, T. Punshon and A.K. Alva (ed.) *Coal combustion byproducts and environmental issues*. Springer Science+Business Media, Inc., New York, NY.
- 5 **Li, Y.C.** and J. Chen. 2006. Leachability of heavy metals from sandy or rocky soils amended with coal fly ash. p. 105-113. *In* K.S. Sajwan, I. Twardowska, T. Punshon and A.K. Alva (eds.) *Coal combustion byproducts and environmental issues*. Springer Science+Business Media, Inc., New York, NY.
- 4 Chen, J, and **Y.C. Li**. 2006. Amendment of fly ash to container substrates for ornamental plant production. p. 177-183. *In* K.S. Sajwan, I. Twardowska, T. Punshon and A.K. Alva (eds.). *Coal combustion byproducts and environmental issues*. Springer Science+Business Media, Inc., New York, NY.
- 3 **Li, Y.C.**, M. Zhou and J. Zhao. 2004. The role of chemical analysis on soil and water characterization. p. 503-558. *In* J. Alvarez-Benedi, J. and R. Muñoz-Carpena (ed). *Soil-water-solute process characterization: an integrated approach*. CRC Press, Boca Raton, FL.
- 2 **Li, Y.C.**, M. Zhang, P.J., Stoffella, Z. He, and H.H. Bryan. 2003. Influence of coal ash/organic waste on distribution of trace metals in soil, plant, and water. p. 251-263. *In* K.S. Sajwan, A.K. Alva, and P.F. Keefer (ed.) *Chemistry of trace elements in fly ash*. Kluwer Academic/Plenum Publishers, New York.
- 1 Stoffella, P. J., **Y. C. Li**, N. E. Roe, M. Ozores-Hampton, and D. A. Graetz. 1997. Utilization of organic composts in vegetable crop production systems, p. 252-269. *In*: R. A. Morris (ed.) *Managing soil fertility for intensive vegetable production systems*. Asian Vegetable Research and Development Center, Shanhua, Taiwan.

Monographs

- 2 Boman, B., S. Swanson, K. Hancock, E. Simone, K. Morgan, and **Y.C. Li**. 2008. *BMP field guide for south Florida vegetable production*. University of Florida, Gainesville, and Helena Chemical Company, Tampa, FL.
- 1 Stoffella, P.J., **Y.C. Li**, N.E. Roe, M. Ozores-Hampton, and D.A. Graetz. 1997. Utilization of composted organic wastes in vegetable production systems. Technical Bulletin 147, Food & Fertilizer Technology Center, Taipei, Taiwan.

Refereed Publications

- 286 Xu, N., Bhadha, J.H., Rabbany, A., Swanson, S., McCray, J.M., **Li, Y.C.**, Strauss, S.L., Mylavarapu, R. (2021) Crop Nutrition and Yield Response of Bagasse Application on Sugarcane Grown on a Mineral Soil. *Agronomy* 11(8):1526. <https://doi.org/10.3390/agronomy11081526>.
- 285 Li, T., Tong, Z., Zheng, Q., Bao, H., Partow, A., Meng, S., Li, L., **Li, Y.C.** Fabrication of Lignin-based Magnetic Nanocomposite Adsorbent to Recover Phosphorus in Water for Agricultural Reuse. *ACS Sustainable Chemistry & Engineering* 9:10468-10478.
- 284 Ribeiro, P.G., Aragão, O.B., Martins, G.C., Rodrigues, M., Souza, J.M.P, Moreira, F.M., **Li, Y.C.**, Guilherme, L.R.G. (2021). Hydrothermally-altered feldspar reduces metal toxicity and promotes plant growth in highly metal-contaminated soils. *Chemosphere Volume 286, Part 2*.

- <https://doi.org/10.1016/j.chemosphere.2021.131768>
- 283 Yu, Z., Yang, Y., Wang, C., Shi, G., Xie, J., Gao, B., **Li, Y.C.**, Wan, Y., Cheng, D., Shen, T., Hou, S., Zhang, S., Ma, X., Yao, Y., Tang, Y., Chen, J. (2021). Nano-soy-protein microcapsule-enabled self-healing biopolyurethane-coated controlled-release fertilizer: preparation, performance, and mechanism. *Materials Today Chemistry*. <https://doi.org/10.1016/j.mtchem.2020.100413>
- 282 Ribeiro, P.G., Souza, J.M.P, Rodrigues,M., Ribeiro, I.C.A., de Carvalho,T.S., Lopes, G., **Li, Y.C.**, Guilherme, L.R.G. (2021). Hydrothermally-altered feldspar as an environmentally-friendly technology to promote heavy metals immobilization: Batch studies and application in smelting-affected soils. *Journal of Environmental Management*.
<https://doi.org/10.1016/j.jenvman.2021.112711>
- 281 Lu, Y., Silveira, M.L., O'Connor, G.A., Vendramini, J.M.B., Erickson, J.E., **Li, Y.C.** (2021). Assessing the impacts of biochar and fertilizer management strategies on N and P balances in subtropical pastures. *Geoderma*, 394, <https://doi.org/10.1016/j.geoderma.2021.115038>.
- 280 Zhu, X., Zhou, L., **Li, Y.C.**, Han, B., Feng, Q. (2021) Rapid Degradation of Carbon Tetrachloride by Microscale Ag/Fe Bimetallic Particles. *Int. J. Environ. Res. Public Health* 18(4), 2124.
<https://doi.org/10.3390/ijerph18042124>
- 279 Zhang, S., Shen, T., Yang, Y., Ma, X., Gao, B., **Li, Y.C.**, Wang, P. (2021) Novel environment-friendly superhydrophobic bio-based polymer derived from liquefied corncob for controlled-released fertilizer. *Progress in Organic Coatings*. <https://doi.org/10.1016/j.porgcoat.2020.106018>
- 278 Zhang, J., Yang, R., **Li, Y.C.**, Ni, X. (2021) The Role of Soil Mineral Multi-elements in Improving the Geographical Origin Discrimination of Tea (*Camellia sinensis*). *Biological Trace Element Research*. <https://doi.org/10.1007/s12011-020-02527-8>
- 277 Baligar, V.C.; Elson, M.K.; He, Z.; **Li, Y.C.**; Paiva, A.d.Q.; Almeida, A.A.F. Ahnert, D. (2021) Impact of Ambient and Elevated [CO₂] in Low Light Levels on Growth, Physiology and Nutrient Uptake of Tropical Perennial Legume Cover Crops. *Plants* 2021, 10, 193.
<https://doi.org/10.3390/plants10020193>
- 276 Yu, B.; Mwagona, P.C.; **Li, Y.C.**; Li, X.; Wang, H.; Wang, X.; Li, J. Characteristics of Soil Organic Carbon and Total Nitrogen Along Various Vegetation Types in Hongqipao Reservoir, Northeast China. *Preprints* 2020, 2020070539. doi: 10.20944/preprints2020 07.0539.v1.
- 275 Zhang, S., Fu, X., Tong, X., Liu, G., Meng, S., Yang, Y., Helal, M.I.D., **Li, Y.C.** (2020). Lignin–clay nanohybrid biocomposite-based double-layer coating materials for controllable-release fertilizer. *ACS Sustainable Chemistry & Engineering*. 2020, 8, 51, 18957–18965. DOI: 10.1021/acssuschemeng.0c06472
- 274 Zhu, X., Yuan, Y., Jiang, M., Song, C., **Li, Y.C.**, Wang, G., Ottec, M.L. (2021). Multi-element fingerprinting of soils can reveal conversion of wetlands to croplands. *Science of The Total Environment*, 752, 15 January 2021, 141997. <https://doi.org/10.1016/j.scitotenv.2020.141997>
- 273 Wang, X., Yang, Y., Gao, B., Wen, Y., **Li, Y.C.**, Xie, J., Tang, Y. (2021). Slow-released bio-organic–chemical fertilizer improved tomato growth: synthesis and pot evaluations. *Journal of Soils and Sediments*, 21, 319–327. <https://doi.org/10.1007/s11368-020-02775-0>

- 272 Tang, Y., Hou, S., Yang, Y., Cheng, D., Gao, G., Wan, Y., **Li, Y.C.**, Yao, Y., Zhang, S., & Xie, J. (2020). Activation of humic acid in lignite using molybdate-phosphorus hierarchical hollow nanosphere catalyst oxidation: molecular characterization and rice seed germination-promoting performances. *Journal of Agricultural and Food Chemistry*, 68 (47), 13620-13631. DOI: 10.1021/acs.jafc.0c04729
- 271 Bayabil, H.K., **Li, Y.C.**, Tong, Z., Gao, B. (2020). Potential management practices of saltwater intrusion impacts on soil health and water quality: a review. *Journal of Water and Climate Change*, jwc2020013. doi: <https://doi.org/10.2166/wcc.2020.013>
- 270 Wang, L., Zou, R., **Li, Y.C.**, Tong, Z., You, M., Huo, W., Chi, K., Fan, H. (2020). Effect of wheat-solanum nigrum L. intercropping on Cd accumulation by plants and soil bacterial community under Cd contaminated soil. *Ecotoxicology and Environmental Safety*, 28, 206:111383. DOI: 10.1016/j.ecoenv.2020.111383. Epub ahead of print. PMID: 33002822.
- 269 Baligar, V.C., Elson, M. K., He, Z., **Li, Y.C.**, Paiva, A. de Q., Almeida, A.A.F., Ahnert, D. (2020). Light Intensity Effects on the Growth, Physiological and Nutritional Parameters of Tropical Perennial Legume Cover Crops. *Agronomy*, 10(10), 1515. <https://www.mdpi.com/2073-4395/10/10/1515/xml>
- 268 Lu, Y., Silveira, M.L., Cavigelli, M., O'Connor, G.A., Vendramini, J.M.B., Erickson, J.E., **Li, Y.C.** (2020). Biochar impacts on nutrient dynamics in a subtropical grassland soil—part II. Greenhouse gas emissions. *Journal of Environmental Quality*, 49(5). <https://doi.org/10.1002/jeq2.20141>
- 267 Lu, Y., Silveira, M.L., O'Connor, G.A., Vendramini, J.M.B., Erickson, J.E., **Li, Y.C.**, Cavigelli, M.. (2020). Biochar impacts on nutrient dynamics in a subtropical grassland soil—part I. N and P leaching. *Journal of Environmental Quality*, 49(5). <https://doi.org/10.1002/jeq2.20139>
- 266 Li, T., Tong, Z., Meng, S., **Li, Y.C.**, Gao, B., Bayabil, H.K. (2021). Characterization of Residues from Non-woody Pulping Process and its Function as Fertilizer. *Chemosphere*, 262, January 2021, 127906. <https://doi.org/10.1016/j.chemosphere.2020.127906>
- 265 Guo, T., Zhang, M., Liu, Z., Zhao, C., Lu, H., Zheng, L., **Li, Y.C.** (2020). Applying and optimizing water-soluble, slow-release nitrogen fertilizers for water-saving agriculture. *ACS Omega*, 5(20), 11342–11351. <https://doi.org/10.1021/acsomega.0c00303>
- 264 Sun, Q., Liu, J., Huo, L., Li, **Y.C.**, **Li**, X., Xia, L., Zhou, Z., Zhang, M., Li, B. (2020). Humic acids derived from Leonardite to improve enzymatic activities and bioavailability of nutrients in a calcareous soil. *International Journal of Agricultural and Biological Engineering*, 13(3), 200–205. DOI: [10.25165/j.ijabe.20201303.5660](https://doi.org/10.25165/j.ijabe.20201303.5660)
- 263 Ogunlade, M.O., Efe, A.F., **Li, Y.C.**, Baligar, V.C. (2020). Evaluation of Three Soil Test Kits for the Determination of Soil pH of Cacao Plantations in Nigeria. *International Journal of Science & Technoledge*, 7(4), 38-41. DOI: [10.24940/theijst/2019/v7/i4/ST1903-010](https://doi.org/10.24940/theijst/2019/v7/i4/ST1903-010)
- 262 Celestin, F., Mylavarapu, R.S., Hochmuth, G.J., **Li, Y.C.**, Jeune, W. & Edzard, V.S. (2020). Black bean (*Phaseolus vulgaris* L.) response to potassium fertilization in two different soils in Haiti, *Journal of Plant Nutrition*, 43 (17): 2601-2609. <https://doi.org/10.1080/01904167.2020.1783309>
- 261 Zhang, S., Yang, Y., Tong, Z., Gao, B., Gao, N., Shen, T., Wan, Y., Yu, Z., Liu, L., Ma, X., Guo, Y., Fugice, J., and **Li, Y.C.** (2020). Self-assembly of hydrophobic and self-healing

- bionanocomposite-coated controlled-release fertilizers. *ACS Applied Materials and Interfaces*, 12 (24), 27598–27606. <https://doi.org/10.1021/acsami.0c06530>.
- 260 Zhang, J., R. Yang, **Y.C. Li**, Y. Peng, X. Wen, X. Ni. 2020. Distribution, accumulation, and potential risks of heavy metals in soil and tea leaves from geologically different plantations. *Ecotoxicology and Environmental Safety*, 195: <https://doi.org/10.1016/j.ecoenv.2020.110475>.
- 259 Lu, H., Y. Dong, Y. Feng, Y. Bai, X. Tang, **Y.C. Li**, L. Yang, J. Liu. Paddy periphyton reduced cadmium accumulation in rice (*Oryza sativa*) by removing and immobilizing cadmium from the water–soil interface. *Environmental Pollution*, 261: <https://doi.org/10.1016/j.envpol.2020.114103>.
- 258 Wang, Z., T. Shen, Y. Yang, B. Gao, Y. Wan, **Y.C. Li**, Y. Yao, L. Liu, Y. Tang, J. Xie, F. Ding, J. Chen. Fulvic acid-like substance and its characteristics, an innovative waste recycling material from pulp black liquor. *Journal of Cleaner Production*, 243: <https://doi.org/10.1016/j.jclepro.2019.118585>.
- 257 Qu, P., **Y.C. Li**, H. Huang, J. Chen, Z. Yu, J. Huang, H. Wang, B. Gao. 2020. Urea formaldehyde modified alginate beads with improved stability and enhanced removal of Pb²⁺, Cd²⁺, and Cu²⁺, *Journal of Hazardous Materials*. 396: <https://doi.org/10.1016/j.jhazmat.2020.122664>.
- 256 Zhao, M., C. Zhang, X. Yang, L. Liu, X. Wang, W. Yin, **Y.C. Li**, S. Wang, W. Fu. 2020. Preparation of highly-conductive pyrogenic carbon-supported zero-valent iron for enhanced Cr(VI) reduction. *Journal of Hazardous Materials*. 396: <https://doi.org/10.1016/j.jhazmat.2020.122712>.
- 255 Li, Z., Z. Liu, M. Zhang, C. Li, **Y.C. Li**, Y. Wan, C.G. Martin. Long-term effects of controlled-release potassium chloride on soil available potassium, nutrient absorption and yield of maize plants. *Soil and Tillage Research* 196: <https://doi.org/10.1016/j.still.2019.104438>.
- 254 Cheng, W., S. Lei, Z. Bian, Y. Zhao, **Y.C. Li**, Y. Gan. 2020. Geographic distribution of heavy metals and identification of their sources in soils near large, open-pit coal mines using positive matrix factorization. *Journal of Hazardous Materials* 387: <https://doi.org/10.1016/j.jhazmat.2019.121666>.
- 253 Zheng, W., Y. Wan, **Y.C. Li**, Z. Liu, J. Chen, H. Zhou, Y. Gao, B. Chen, M. Zhang. 2020. Developing water and nitrogen budgets of a wheat-maize rotation system using auto-weighting lysimeters: Effects of blended application of controlled-release and un-coated urea. *Environmental Pollution* 263 (Part A) <https://doi.org/10.1016/j.envpol.2020.114383>.
- 252 Li, Z., Z. Liu, M. Zhang, Q. Chen, L. Zheng, **Y.C. Li**, L. Sun. 2020. The combined application of controlled-release urea and fulvic acid improved the soil nutrient supply and maize yield, *Archives of Agronomy and Soil Science*, DOI: [10.1080/03650340.2020.1742326](https://doi.org/10.1080/03650340.2020.1742326)
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- 250 Zhang, X., W. Xiang, B. Wang, J. Fang, W. Zou, F. He, **Y.C. Li**, D.C.W. Tsang, Y.S. Ok, B. Gao. 2020. Adsorption of acetone and cyclohexane onto CO₂ activated hydrochars. *Chemosphere* 245:125664. doi: 10.1016/j.chemosphere.2019.125664.

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- 248 Fang, Y., J. Williamson, R. Darnell, **Y.C. Li**, G. Liu. 2020. Optimizing nitrogen fertigation rates for young southern highbush blueberry. *Agronomy* 10(3):389.
- 247 Zhang, J., R. Yang, **Y.C. Li**, X. Wen, Y. Peng, X. Ni. 2020. Use of mineral multi-elemental analysis to authenticate geographical origin of different cultivars of tea in Guizhou, China. *J Sci Food Agric*.
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- 244 Zou, R., L. Wang, **Y.C. Li**, Z. Tong, W. Huo, K. Chi & H. Fan. 2020. Cadmium absorption and translocation of amaranth (*Amaranthus mangostanus* L.) affected by iron deficiency. *Environ Pollut*. 256:113410. doi: 10.1016/j.envpol.2019.113410.
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- 242 Li, S., Y. Yang, **Y.C. Li**, B. Gao, Y. Tang, J. Xie & H. Zhao. 2019. Remediation of saline-sodic soil using organic and inorganic amendments: physical, chemical, and enzyme activity properties. *J Soils Sediments*. doi:10.1007/s11368-019-02510-4
- 236 Celestin, F., R. Mylavarapu, G. Hochmuth, **Y.C. Li**, W. Jeune & E. van Santen. 2019. Response of black bean (*Phaseolus vulgaris* L.) to phosphorus fertilization in acidic and alkaline soils in Haiti, *Journal of Plant Nutrition*, DOI: [10.1080/01904167.2019.1702208](https://doi.org/10.1080/01904167.2019.1702208)
- 235 Cao, J., S. Pang, Q. Wang, M.A. Williams, X. Jia, S. Dun, J. Yang, Y. Zhang, J. Wang, X. Lu, Y. Hu, L. Li, **Y.C. Li** & X. Han. 2019. Plant-bacteria-soil response to frequency of simulated nitrogen deposition has implications for global ecosystem change. *Functional Ecology* <https://doi.org/10.1111/1365-2435.13484>
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- 240 Gan Y., X. Huang, S. Li, N. Liu, **Y.C. Li**, A. Freidenreich, W. Wang, R. Wang & J. Dai.

2019. Source quantification and potential risk of mercury, cadmium, arsenic, lead, and chromium in farmland soils of Yellow River Delta. *Journal of Cleaner Production*. 221:98-107. <https://doi.org/10.1016/j.jclepro.2019.02.157>
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