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受教育经历

2006.6-2011.6, 南京农业大学, 土壤学, 博士 (硕博连读)
2017.02-2018.02, Colorado state university, 访问学者
2002.9-2006.7, 青岛农业大学, 农业资源与环境专业, 学士

参加工作经历

2021.7 - 至今, 盐城工学院, 环境学院, 教授
2014.7 - 2021.7, 盐城工学院, 环境学院, 副教授
2011.06-2014.6, 盐城工学院, 环境学院, 讲师

荣誉称号与获奖情况

江苏省高校“青蓝工程”中青年学术带头人、盐城工学院“2311”黄海精英资助对象。

教育教学改革项目与成果

【教改项目】

1. 环境类研究生精品课程建设的重点与难点研究, 盐城工学院, 主持人, 在研
2. “产教融合、平台共享、项目引领”实践教学体系, 盐城工学院, 主持人, 结题
3. 实验课程现代网络教学的实践研究, 盐城工学院, 主持人, 结题

【教改论文】

1. 崔立强, 陈天明, 全桂香, 王敏. 实践教育资源的建设与开放共享. 中国教育技术装备, 2018.10
2. 崔立强, 全桂香, 陈天明, 王敏. 环境微生物实验课程的网络虚拟实验室教学探讨[J]. 中国科教创新导刊, 2014, 4:155-156.
3. 崔立强, 全桂香, 陈天明, 王敏. 实验课程的网络虚拟实验室教学探讨[J]. 中国现代教育装备, 2014, 5: 35-38.

科学研究项目与论文、专利成果

【科研项目】

1. 国家自然科学基金青年科学基金项目, 41501339, 生物质炭对稻田土壤镉铅污染的长期效应及稳定机制, 2016.01-2018.12, 24 万元, 结题, 主持;
2. 江苏省青年科学基金项目, BK20140468, 生物质炭修复造纸废水有机氯污染湿地土壤的机制, 2014.07-2017.06, 20 万元, 已结题, 主持;
3. 国家自然科学基金面上基金项目, 21677119, 生物炭的田间老化及其水溶性产物对重金属的络合与垂向共运移机制, 2017.01-2020.12, 在研, 参加;

【发表论文】

1. Cui, LQ (**Cui, Liqiang**), Ippolito, J.A. (Ippolito, James A.), Noerpel, MR (Noerpel, Matt), Scheckel, KG (Scheckel, Kirk G.), Yan, JL (Yan, Jinlong). Nutrient alterations following biochar application to a Cd-contaminated solution and soil. *Biochar*, 2021, 3: 457–468. <https://doi.org/10.1007/s42773-021-00106-1>
2. Cui, LQ (**Cui, Liqiang**), Fan, QY (Fan, Qinya), Sun, JX (Sun, Jianxiong), Quan, GX (Quan, Guixiang), Yan, JL (Yan, Jinlong)*, Hina, K (Kiran Hina), Wang, H (Wang, Hui), Zhang, ZQ (Zhang, Zhiqiang), and Hussain, Q (Hussain, Qaiser). Changes in surface characteristics and adsorption properties of 2,4,6-trichlorophenol following Fenton-like aging of biochar. *Scientific Reports*, 2021, 11: 4293. DOI:10.1038/s41598-021-82129-z
3. Cui, LQ (**Cui, Liqiang**), Li, LQ (Li, Lianqing), Bian, RJ (Bian, Rongjun), Yan, JL (Yan, Jinlong), Quan, GX (Quan, Guixiang), Liu, YM (Liu, Yuming), Ippolito, J.A. (Ippolito, James A.), Wang, H (Wang, Hui). Short- and long-term biochar cadmium and lead immobilization mechanisms. *Environments*, 2020, 7(53):1-15. DOI: 10.3390/environments7070053.
4. Cui, LQ (**Cui, Liqiang**), Noerpel, MR (Noerpel, Matt), Scheckel, KG (Scheckel, Kirk G.), and Ippolito, J (Ippolito, James A.)*. Wheat straw biochar reduces environmental cadmium bioavailability. *ENVIRONMENT INTERNATIONAL*, 2019, 126: 69-75. 10.1016/j.envint.2019.02.022
5. Cui, LQ (**Cui, Liqiang**), Yin, CT (Yin, Chuntao), Chen, TM (Chen, Tianming), Quan, GX (Quan, Guixiang), Liu, BZ (Liu, Benzhi), Yan, JL (Yan, Jinlong)*, and Hussain, Q (Hussain, Qaiser). Biochar immobilizes and degrades 2,4,6-trichlorophenol in soils. *ENVIRONMENTAL TOXICOLOGY AND CHEMISTRY*, 2019, 38(6): 1364-1371. DOI:10.1002/etc.4401
6. Cui, LQ (**Cui, Liqiang**), Chen, TM (Chen, Tianming), Yin, CT (Yin, Chuntao), Yan, JL (Yan, Jinlong)*, Ippolito, J (Ippolito, James A.), and Hussain, Q (Hussain, Qaiser). Mechanism of adsorption of cadmium and lead ions by iron-activated biochar," *BIORESOURCES*, 2019, 14(1), 842-857. 10.15376/biores.14.1.842-857
7. Cui, LQ (**Cui, Liqiang**); Chen, TM (Chen, Tianming); Quan, GX (Quan, Guixiang); Xiao, B (Xiao, Bo); Ma, YR (Ma, Yurong); Pan, M (Pan, Mei); Liu, Y (Liu, Yang); Liu, BZ (Liu, Benzhi); Yin, CT (Yin, Chuntao); Yan, JL (Yan, Jinlong)*; Han, XY (Han, Xiangyun); Ding, C (Ding, Cheng); Cui, J (Cui, Jun); Bian, MJ (Bian, Mengjie); Hussain, Q (Hussain, Qaiser). Renewable Material-derived Biochars for the Efficient Removal of 2,4-Dichlorophen from Aqueous Solution: Adsorption/Desorption Mechanisms, *BIORESOURCES*, 2017, 3, 4912-4925, 10.15376/biores.12.3.4912-4925
8. Cui, LQ (**Cui, Liqiang**); Chen, TM (Chen, Tianming); Quan, GX (Quan, Guixiang); Xiao, B (Xiao, Bo); Ma, YR (Ma, Yurong); Pan, M (Pan, Mei); Liu, Y (Liu, Yang); Liu, BZ (Liu, Benzhi); Yin, CT (Yin, Chuntao); Yan, JL (Yan, Jinlong)*; Han, XY (Han, Xiangyun); Ding, C (Ding, Cheng); Cui, J (Cui, Jun); Bian, MJ (Bian, Mengjie); Hussain, Q (Hussain, Qaiser). Renewable Material-derived Biochars for the Efficient Removal of 2,4-Dichlorophen from Aqueous Solution: Adsorption/Desorption Mechanisms, *BIORESOURCES*, 2017, 3, 4912-4925, 10.15376/biores.12.3.4912-4925
9. Cui, LQ (**Cui, Liqiang**); Chen, TM (Chen, Tianming); Ding, C (Ding, Cheng); Li, ZX (Li, Zhaoxia); Yan, JL (Yan, Jinlong); Liu, Y (Liu, Yang); Niu, X (Niu, Xian); Chen, AH (Chen, Aihui); Yang, WJ (Yang, Wenjun). Spatial distribution of total halogenated organic compounds (TX), adsorbable organic halogens (AOX), and heavy metals in wetland soil irrigated with pulp and paper wastewater, *CHEMICAL SPECIATION AND BIOAVAILABILITY*, 2017, 29, 15-24, 10.1080/09542299.2016.1252692
10. Cui, LQ (**Cui, Liqiang**); Pan, GX (Pan, Genxing); Li, LQ (Li, Lianqing); Bian, RJ (Bian, Rongjun); Liu, XY (Liu, Xiaoyu); Yan, JL (Yan, Jinlong); Quan, GX (Quan, Guixiang); Ding, C (Ding, Cheng); Chen, TM (Chen, Tianming); Liu, Y (Liu, Yang); Liu, YM (Liu, Yuming); Yin, CT (Yin, Chuntao); Wei, CP (Wei, Caiping); Yang, YG (Yang, Yage); Hussain, Q (Hussain, Qaiser). Continuous immobilization of cadmium and lead in biochar amended

contaminated paddy soil: A five-year field experiment, *ECOLOGICAL ENGINEERING*, AUG 2016, 93, 1-8, 10.1016/j.ecoleng.2016.05.007

11. Cui, LQ (**Cui, Liqiang**); Yan, JL (Yan, Jinlong)*; Li, LQ (Li, Lianqing); Quan, GX (Quan, Guixiang); Ding, C (Ding, Cheng); Chen, TM (Chen, Tianming); Yin, CT (Yin, Chuntao); Gao, JF (Gao, Junfei); Hussain, Q (Hussain, Qaiser). Does Biochar Alter the Speciation of Cd and Pb in Aqueous Solution? *BIORESOURCES*, 2015, 10, 88-104
12. Cui, LQ (Cui, Liqiang); Yan, JL (Yan, Jinlong)*; Yang, YG (Yang, Yage); Li, LQ (Li, Lianqing); Quan, GX (Quan, Guixiang); Ding, C (Ding, Cheng); Chen, TM (Chen, Tianming); Fu, Q (Fu, Qiang); Chang, A (Chang, Andrew). Influence of Biochar on Microbial Activities of Heavy Metals Contaminated Paddy Fields, *BIORESOURCES*, 2013, 8, 5536-5548
13. Cui, LQ (**Cui, Liqiang**); Yan, JL (Yan, Jinlong)*; Quan, GX (Quan, Guixiang); Ding, C (Ding, Cheng); Chen, TM (Chen, Tianming); Hussain, Q (Hussain, Qaiser). Adsorption Behaviour of Pymetrozine by Four Kinds of Biochar from Aqueous Solution, *ADSORPTION SCIENCE & TECHNOLOGY*, 2013, 31, 477-487, 10.1260/0263-6174.31.6.477
14. Cui, LQ (**Cui, Liqiang**); Pan, GX (Pan, Genxing); Li, LQ (Li, Lianqing); Yan, JL (Yan, Jinlong); Zhang, A (Zhang, Afeng); Bian, RJ (Bian, Rongjun); Chang, A (Chang, Andrew). The reduction of wheat cd uptake in contaminated soil via biochar amendment: a two-year field experiment, *BIORESOURCES*, 2012, 7, 5666-5676

【申请专利】

1. 造纸污泥生物质炭去除废水中 2,4-二氯酚的方法, 第一发明人, 201710067882.7, 实审中
2. 一种阻抑污染农田水稻 Cd/Pb 吸收的土壤处理方法, 第一发明人, 201110151321.8, 授权