

Yuncong C Li

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

297
papers

12,069
citations

47
h-index

103
g-index

329
ext. papers

14,249
ext. citations

4.4
avg, IF

6.58
L-index

#	Paper	IF	Citations
297	Biochar type and application methods affected nitrogen and phosphorus leaching from a sandy soil amended with inorganic fertilizers and biosolids 2022 , 5, e20236		
296	Hydrothermally-altered feldspar reduces metal toxicity and promotes plant growth in highly metal-contaminated soils. <i>Chemosphere</i> , 2022 , 286, 131768	8.4	2
295	Effect of information-driven irrigation scheduling on water use efficiency, nutrient leaching, greenhouse gas emission, and plant growth in South Florida. <i>Agriculture, Ecosystems and Environment</i> , 2022 , 333, 107954	5.7	0
294	Potential management practices of saltwater intrusion impacts on soil health and water quality: a review. <i>Journal of Water and Climate Change</i> , 2021 , 12, 1327-1343	2.3	0
293	Convergent nitrogen uptake patterns and divergent nitrogen acquisition strategies of coexisting plant species in response to long-term nitrogen enrichment in a temperate grassland. <i>Environmental and Experimental Botany</i> , 2021 , 185, 104412	5.9	2
292	Nano-soy-protein microcapsule-enabled self-healing biopolyurethane-coated controlled-release fertilizer: preparation, performance, and mechanism. <i>Materials Today Chemistry</i> , 2021 , 20, 100413	6.2	3
291	ZVI impregnation altered arsenic sorption by ordered mesoporous carbon in presence of Cr(VI): A mechanistic investigation. <i>Journal of Hazardous Materials</i> , 2021 , 414, 125507	12.8	7
290	Crop Nutrition and Yield Response of Bagasse Application on Sugarcane Grown on a Mineral Soil. <i>Agronomy</i> , 2021 , 11, 1526	3.6	3
289	Fabrication of a Lignin-Based Magnetic Nanocomposite Adsorbent to Recover Phosphorus in Water for Agricultural Reuse. <i>ACS Sustainable Chemistry and Engineering</i> , 2021 , 9, 10468-10478	8.3	4
288	The combined application of controlled-release urea and fulvic acid improved the soil nutrient supply and maize yield. <i>Archives of Agronomy and Soil Science</i> , 2021 , 67, 633-646	2	8
287	Characterization of residues from non-woody pulping process and its function as fertilizer. <i>Chemosphere</i> , 2021 , 262, 127906	8.4	2
286	Multi-element fingerprinting of soils can reveal conversion of wetlands to croplands. <i>Science of the Total Environment</i> , 2021 , 752, 141997	10.2	0
285	Novel environment-friendly superhydrophobic bio-based polymer derived from liquefied corncob for controlled-released fertilizer. <i>Progress in Organic Coatings</i> , 2021 , 151, 106018	4.8	6
284	Positional Changes of Mandibular Canal Before and After Decompression of Cystic Lesions in the Mandible. <i>Journal of Oral and Maxillofacial Surgery</i> , 2021 , 79, 854-862	1.8	2
283	Slow-released bio-organic chemical fertilizer improved tomato growth: synthesis and pot evaluations. <i>Journal of Soils and Sediments</i> , 2021 , 21, 319-327	3.4	3
282	Impact of Ambient and Elevated [CO ₂] in Low Light Levels on Growth, Physiology and Nutrient Uptake of Tropical Perennial Legume Cover Crops. <i>Plants</i> , 2021 , 10,	4.5	1
281	Rapid Degradation of Carbon Tetrachloride by Microscale Ag/Fe Bimetallic Particles. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	2

280	Assessing the impacts of biochar and fertilizer management strategies on N and P balances in subtropical pastures. <i>Geoderma</i> , 2021 , 394, 115038	6.7	1
279	Hydrothermally-altered feldspar as an environmentally-friendly technology to promote heavy metals immobilization: Batch studies and application in smelting-affected soils. <i>Journal of Environmental Management</i> , 2021 , 291, 112711	7.9	4
278	The Role of Soil Mineral Multi-elements in Improving the Geographical Origin Discrimination of Tea (<i>Camellia sinensis</i>). <i>Biological Trace Element Research</i> , 2021 , 199, 4330-4341	4.5	4
277	Lignin/Clay Nanohybrid Biocomposite-Based Double-Layer Coating Materials for Controllable-Release Fertilizer. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 18957-18965	8.3	11
276	Activation of Humic Acid in Lignite Using Molybdate-Phosphorus Hierarchical Hollow Nanosphere Catalyst Oxidation: Molecular Characterization and Rice Seed Germination-Promoting Performances. <i>Journal of Agricultural and Food Chemistry</i> , 2020 , 68, 13620-13631	5.7	4
275	Light Intensity Effects on the Growth, Physiological and Nutritional Parameters of Tropical Perennial Legume Cover Crops. <i>Agronomy</i> , 2020 , 10, 1515	3.6	2
274	Self-Assembly of Hydrophobic and Self-Healing Bionanocomposite-Coated Controlled-Release Fertilizers. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 27598-27606	9.5	22
273	Pinewood outperformed bamboo as feedstock to prepare biochar-supported zero-valent iron for Cr reduction. <i>Environmental Research</i> , 2020 , 187, 109695	7.9	19
272	Novel pit and fissure sealant containing nano-CaF and dimethylaminohexadecyl methacrylate with double benefits of fluoride release and antibacterial function. <i>Dental Materials</i> , 2020 , 36, 1241-1253	5.7	19
271	Developing water and nitrogen budgets of a wheat-maize rotation system using auto-weighing lysimeters: Effects of blended application of controlled-release and un-coated urea. <i>Environmental Pollution</i> , 2020 , 263, 114383	9.3	13
270	Distribution, accumulation, and potential risks of heavy metals in soil and tea leaves from geologically different plantations. <i>Ecotoxicology and Environmental Safety</i> , 2020 , 195, 110475	7	40
269	Biosolids and biochar application effects on bahiagrass herbage accumulation and nutritive value. <i>Agronomy Journal</i> , 2020 , 112, 1330-1345	2.2	3
268	Trophic Ecology and Ecological Function for Oriental River Prawn (<i>Macrobrachium nipponense</i>) in the South-to-North Canal System. <i>Wetlands</i> , 2020 , 40, 1207-1216	1.7	1
267	Applying and Optimizing Water-Soluble, Slow-Release Nitrogen Fertilizers for Water-Saving Agriculture. <i>ACS Omega</i> , 2020 , 5, 11342-11351	3.9	10
266	Use of mineral multi-elemental analysis to authenticate geographical origin of different cultivars of tea in Guizhou, China. <i>Journal of the Science of Food and Agriculture</i> , 2020 , 100, 3046-3055	4.3	9
265	Effect of Biochar and Coal Fly Ash Soil Amendments on the Leaching Loss of Phosphorus in Subtropical Sandy Ultisols. <i>Water, Air, and Soil Pollution</i> , 2020 , 231, 1	2.6	8
264	Preparation of highly-conductive pyrogenic carbon-supported zero-valent iron for enhanced Cr(VI) reduction. <i>Journal of Hazardous Materials</i> , 2020 , 396, 122712	12.8	42
263	Urea formaldehyde modified alginate beads with improved stability and enhanced removal of Pb, Cd, and Cu. <i>Journal of Hazardous Materials</i> , 2020 , 396, 122664	12.8	25

262	Functional structure, taxonomic composition and the dominant assembly processes of soil prokaryotic community along an altitudinal gradient. <i>Applied Soil Ecology</i> , 2020 , 155, 103647	5	3
261	Geographic distribution of heavy metals and identification of their sources in soils near large, open-pit coal mines using positive matrix factorization. <i>Journal of Hazardous Materials</i> , 2020 , 387, 121666	12.8	50
260	Plant-Bacteria-Soil response to frequency of simulated nitrogen deposition has implications for global ecosystem change. <i>Functional Ecology</i> , 2020 , 34, 723-734	5.6	9
259	Cadmium absorption and translocation of amaranth (<i>Amaranthus mangostanus</i> L.) affected by iron deficiency. <i>Environmental Pollution</i> , 2020 , 256, 113410	9.3	18
258	Polyethyleneimine-modified biochar for enhanced phosphate adsorption. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 7420-7429	5.1	16
257	Response of black bean (<i>Phaseolus vulgaris</i> L.) to phosphorus fertilization in acidic and alkaline soils in Haiti. <i>Journal of Plant Nutrition</i> , 2020 , 43, 1016-1024	2.3	1
256	Remediation of saline-sodic soil using organic and inorganic amendments: physical, chemical, and enzyme activity properties. <i>Journal of Soils and Sediments</i> , 2020 , 20, 1454-1467	3.4	3
255	Adsorption of acetone and cyclohexane onto CO activated hydrochars. <i>Chemosphere</i> , 2020 , 245, 125664	8.4	27
254	Black bean (<i>Phaseolus vulgaris</i> L.) response to potassium fertilization in two different soils in Haiti. <i>Journal of Plant Nutrition</i> , 2020 , 43, 2601-2609	2.3	
253	Paddy periphyton reduced cadmium accumulation in rice (<i>Oryza sativa</i>) by removing and immobilizing cadmium from the water-soil interface. <i>Environmental Pollution</i> , 2020 , 261, 114103	9.3	7
252	Effect of Wheat-Solanum nigrum L. intercropping on Cd accumulation by plants and soil bacterial community under Cd contaminated soil. <i>Ecotoxicology and Environmental Safety</i> , 2020 , 206, 111383	7	12
251	Biochar impacts on nutrient dynamics in a subtropical grassland soil: 1. Nitrogen and phosphorus leaching. <i>Journal of Environmental Quality</i> , 2020 , 49, 1408-1420	3.4	5
250	Biochar impacts on nutrient dynamics in a subtropical grassland soil: 2. Greenhouse gas emissions. <i>Journal of Environmental Quality</i> , 2020 , 49, 1421-1434	3.4	3
249	Optimizing Nitrogen Fertigation Rates for Young Southern Highbush Blueberry. <i>Agronomy</i> , 2020 , 10, 389	3.6	4
248	Immediate influences of a large dam construction on local storm event patterns and weather variables: a case study of the Three Gorges Project. <i>Weather</i> , 2020 , 75, 99-103	0.9	2
247	Long-term effects of controlled-release potassium chloride on soil available potassium, nutrient absorption and yield of maize plants. <i>Soil and Tillage Research</i> , 2020 , 196, 104438	6.5	17
246	Fulvic acid-like substance and its characteristics, an innovative waste recycling material from pulp black liquor. <i>Journal of Cleaner Production</i> , 2020 , 243, 118585	10.3	12
245	Foamed urea-formaldehyde microspheres for removal of heavy metals from aqueous solutions. <i>Chemosphere</i> , 2020 , 241, 125004	8.4	13

244	Adsorption, transformation, and colloid-facilitated transport of nano-zero-valent iron in soils. <i>Environmental Pollutants and Bioavailability</i> , 2019 , 31, 208-218	2.8	6
243	Biomass facilitated phase transformation of natural hematite at high temperatures and sorption of Cd and Cu. <i>Environment International</i> , 2019 , 124, 473-481	12.9	27
242	Chitosan and Graphene Oxide Nanocomposites as Coatings for Controlled-Release Fertilizer. <i>Water, Air, and Soil Pollution</i> , 2019 , 230, 1	2.6	26
241	Activation of fulvic acid-like in paper mill effluents using HO/TiO catalytic oxidation: Characterization and salt stress bioassays. <i>Journal of Hazardous Materials</i> , 2019 , 378, 120702	12.8	9
240	Multifunctional Slow-Release Fertilizer Prepared from Lignite Activated by a 3D-Molybdate-Sulfur Hierarchical Hollow Nanosphere Catalyst. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 10533-10543	8.3	16
239	Effects of foliar application of the mixture of copper and chelated iron on the yield, quality, photosynthesis, and microelement concentration of table grape (<i>Vitis vinifera</i> L.). <i>Scientia Horticulturae</i> , 2019 , 254, 106-115	4.1	17
238	Mobility and fractionation of copper in sandy soils. <i>Environmental Pollutants and Bioavailability</i> , 2019 , 31, 18-23	2.8	5
237	One-step synthesis of superhydrophobic and multifunctional nano copper-modified bio-polyurethane for controlled-release fertilizers with multilayer air shields—new insight of improvement mechanism. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 9503-9509	13	21
236	Biochar-supported nZVI (nZVI/BC) for contaminant removal from soil and water: A critical review. <i>Journal of Hazardous Materials</i> , 2019 , 373, 820-834	12.8	164
235	Resources utilization and trophic niche between silver carp and bighead carp in two mesotrophic deep reservoirs. <i>Journal of Freshwater Ecology</i> , 2019 , 34, 199-212	1.4	3
234	Spatial distribution and filtering efficiency of <i>Daphnia</i> in a deep subtropical reservoir. <i>Journal of Oceanology and Limnology</i> , 2019 , 37, 1277-1288	1.5	1
233	Long-term effects of untreated wastewater on soil bacterial communities. <i>Science of the Total Environment</i> , 2019 , 646, 940-950	10.2	12
232	Environmental stress and eutrophication in freshwater wetlands: evidence from carbon and nitrogen stable isotopes in cattail (<i>Typha domingensis</i> Pers.). <i>Ecological Processes</i> , 2019 , 8,	3.6	7
231	Novel Protein-Repellent and Antibacterial Resins and Cements to Inhibit Lesions and Protect Teeth. <i>International Journal of Polymer Science</i> , 2019 , 2019, 1-11	2.4	5
230	Geographical origin discrimination of pepper (<i>L.</i>) based on multi-elemental concentrations combined with chemometrics. <i>Food Science and Biotechnology</i> , 2019 , 28, 1627-1635	3	6
229	Cu(II)-Based Water-Dispersible Humic Acid: Synthesis, Characterizations, and Antifungal and Growth-Promoting Performances. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 12987-13000	5.7	1
228	Magnetic-Sensitive Nanoparticle Self-Assembled Superhydrophobic Biopolymer-Coated Slow-Release Fertilizer: Fabrication, Enhanced Performance, and Mechanism. <i>ACS Nano</i> , 2019 , 13, 3320-3333	16.7	62
227	Source quantification and potential risk of mercury, cadmium, arsenic, lead, and chromium in farmland soils of Yellow River Delta. <i>Journal of Cleaner Production</i> , 2019 , 221, 98-107	10.3	60

226	Controlled-Release Nitrogen Fertilizer Improved Lodging Resistance and Potassium and Silicon Uptake of Direct-Seeded Rice. <i>Crop Science</i> , 2019 , 59, 2733-2740	2.4	10
225	Molecular Composition of Size-Fractionated Fulvic Acid-Like Substances Extracted from Spent Cooking Liquor and Its Relationship with Biological Activity. <i>Environmental Science & Technology</i> , 2019 , 53, 14752-14760	10.3	6
224	Bonding durability, antibacterial activity and biofilm pH of novel adhesive containing antibacterial monomer and nanoparticles of amorphous calcium phosphate. <i>Journal of Dentistry</i> , 2019 , 81, 91-101	4.8	9
223	Optimal Organic Fertilizer Rates for Greenhouse Production of Container Fresh Herbs. <i>Communications in Soil Science and Plant Analysis</i> , 2019 , 50, 228-235	1.5	
222	Transport of N-doped graphene in saturated porous media. <i>Chemical Engineering Journal</i> , 2019 , 360, 24-29	14.7	6
221	Chemically activated hydrochar as an effective adsorbent for volatile organic compounds (VOCs). <i>Chemosphere</i> , 2019 , 218, 680-686	8.4	93
220	Biobased Polyurethane, Epoxy Resin, and Polyolefin Wax Composite Coating for Controlled-Release Fertilizer. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 5380-5392	9.5	41
219	Bio-based elastic polyurethane for controlled-release urea fertilizer: Fabrication, properties, swelling and nitrogen release characteristics. <i>Journal of Cleaner Production</i> , 2019 , 209, 528-537	10.3	55
218	Influence of nano-hydroxyapatite containing desensitizing toothpastes on the sealing ability of dentinal tubules and bonding performance of self-etch adhesives. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2019 , 91, 38-44	4.1	13
217	Characteristics of Copper Sorption by Various Agricultural Soils in China and the Effect of Exogenic Dissolved Organic Matter on the Sorption. <i>Soil and Sediment Contamination</i> , 2018 , 27, 311-328	3.2	4
216	Siloxane and polyether dual modification improves hydrophobicity and interpenetrating polymer network of bio-polymer for coated fertilizers with enhanced slow release characteristics. <i>Chemical Engineering Journal</i> , 2018 , 350, 1125-1134	14.7	44
215	Growth, Physiological and Nutrient Uptake Traits of Crotalaria Cover Crops Influenced by Levels of Carbon Dioxide under Low Light Intensities. <i>International Journal of Plant & Soil Science</i> , 2018 , 23, 1-14	0.5	4
214	Time series trend analysis and prediction of water quality in a managed canal system, Florida (USA). <i>IOP Conference Series: Earth and Environmental Science</i> , 2018 , 191, 012013	0.3	2
213	Multielemental Analysis Associated with Chemometric Techniques for Geographical Origin Discrimination of Tea Leaves () in Guizhou Province, SW China. <i>Molecules</i> , 2018 , 23,	4.8	25
212	Developing a New Generation of Therapeutic Dental Polymers to Inhibit Oral Biofilms and Protect Teeth. <i>Materials</i> , 2018 , 11,	3.5	10
211	Source Contribution Analysis and Collaborative Assessment of Heavy Metals in Vegetable-Growing Soils. <i>Journal of Agricultural and Food Chemistry</i> , 2018 , 66, 10943-10951	5.7	28
210	Bio-based Large Tablet Controlled-Release Urea: Synthesis, Characterization, and Controlled-Released Mechanisms. <i>Journal of Agricultural and Food Chemistry</i> , 2018 , 66, 11265-11272	5.7	23
209	Effect of plant age on in-soil decomposition and nitrogen content of sunn hemp tissue. <i>Communications in Soil Science and Plant Analysis</i> , 2018 , 49, 2680-2688	1.5	2

208	Phosphorus Application Rates Affected Phosphorus Partitioning and Use Efficiency in Tomato Production. <i>Agronomy Journal</i> , 2018 , 110, 2050-2058	2.2	3
207	Controlled-release urea reduced nitrogen leaching and improved nitrogen use efficiency and yield of direct-seeded rice. <i>Journal of Environmental Management</i> , 2018 , 220, 191-197	7.9	40
206	Novel magnetic nanoparticle-containing adhesive with greater dentin bond strength and antibacterial and remineralizing capabilities. <i>Dental Materials</i> , 2018 , 34, 1310-1322	5.7	19
205	Adsorptive removal of arsenate from aqueous solutions by biochar supported zero-valent iron nanocomposite: Batch and continuous flow tests. <i>Journal of Hazardous Materials</i> , 2017 , 322, 172-181	12.8	210
204	Research on saline-alkali soil amelioration with FGD gypsum. <i>Resources, Conservation and Recycling</i> , 2017 , 121, 82-92	11.9	58
203	Biochar provides a safe and value-added solution for hyperaccumulating plant disposal: A case study of <i>Phytolacca acinosa</i> Roxb. (Phytolaccaceae). <i>Chemosphere</i> , 2017 , 178, 59-64	8.4	41
202	Decadal and seasonal trends of nutrient concentration and export from highly managed coastal catchments. <i>Water Research</i> , 2017 , 115, 180-194	12.5	24
201	Sunn hemp intercrop and mulch increases papaya growth and reduces wind speed and virus damage. <i>Scientia Horticulturae</i> , 2017 , 218, 304-315	4.1	4
200	Adsorption of VOCs onto engineered carbon materials: A review. <i>Journal of Hazardous Materials</i> , 2017 , 338, 102-123	12.8	672
199	An HPLC method for simultaneous quantitative determination of seven secoiridoid glucosides separated from the roots of <i>Ilex pubescens</i> . <i>Biomedical Chromatography</i> , 2017 , 31, e3995	1.7	4
198	Biomimetic Superhydrophobic Biobased Polyurethane-Coated Fertilizer with Atmosphere "Outerwear". <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 15868-15879	9.5	59
197	Functionalizing biochar with MgAl and MgBe layered double hydroxides for removal of phosphate from aqueous solutions. <i>Journal of Industrial and Engineering Chemistry</i> , 2017 , 47, 246-253	6.3	157
196	Responses of Tomato to Potassium Rates in a Calcareous Soil. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2017 , 52, 764-769	2.4	2
195	Value-Added Humic Acid Derived from Lignite Using Novel Solid-Phase Activation Process with Pd/CeO ₂ Nanocatalyst: A Physicochemical Study. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 10099-10110	8.3	14
194	Potassium Rates Affected Potassium Uptake and Use Efficiency in Drip-Irrigated Tomato. <i>Agronomy Journal</i> , 2017 , 109, 2945-2956	2.2	1
193	Effects of Polymer Coated Urea and Irrigation Rates on Lantana Growth and Nitrogen Leaching. <i>Soil Science Society of America Journal</i> , 2017 , 81, 546-555	2.5	4
192	Superhydrophobic controlled-release fertilizers coated with bio-based polymers with organosilicon and nano-silica modifications. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 19943-19953	13	53
191	Biochar for volatile organic compound (VOC) removal: Sorption performance and governing mechanisms. <i>Bioresource Technology</i> , 2017 , 245, 606-614	11	123

190	Insights into the mercury(II) adsorption and binding mechanism onto several typical soils in China. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 23607-23619	5.1	11
189	Nitrogen Uptake and Allocation at Different Growth Stages of Young Southern Highbush Blueberry Plants. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2017 , 52, 905-909	2.4	3
188	Effects of Plant Growth-Promoting Rhizobacteria and N Source on Plant Growth and N and P Uptake by Tomato Grown on Calcareous Soils. <i>Pedosphere</i> , 2017 , 27, 1027-1036	5	40
187	Effect of Phosphorus Rates on Growth, Yield, and Postharvest Quality of Tomato in a Calcareous Soil. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2017 , 52, 1406-1412	2.4	7
186	Activated-Lignite-Based Super Large Granular Slow-Release Fertilizers Improve Apple Tree Growth: Synthesis, Characterizations, and Laboratory and Field Evaluations. <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 5879-5889	5.7	21
185	Environmentally Friendly Slow-Release Urea Fertilizers Based on Waste Frying Oil for Sustained Nutrient Release. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 6036-6045	8.3	47
184	Comparing Extractants for Calibrating Potassium Rates for Tomato Grown on a Calcareous Soil. <i>Soil Science Society of America Journal</i> , 2017 , 81, 1621-1628	2.5	1
183	Ambient and Elevated Carbon Dioxide on Growth, Physiological and Nutrient Uptake Parameters of Perennial Leguminous Cover Crops under Low Light Intensities. <i>International Journal of Plant & Soil Science</i> , 2017 , 15, 1-16	0.5	5
182	Improving phosphorus use efficiency for snap bean production by optimizing application rate. <i>Zahradnictvi (Prague, Czech Republic: 1992)</i> , 2016 , 42, 94-101	1.1	1
181	Using Bioethanol Wastes as an Alternative Phosphorus Source for Snap Bean and Radish Production. <i>American Journal of Environmental Sciences</i> , 2016 , 12, 1-7	0.5	1
180	Organic silicone-modified transgenic soybean oil as bio-based coating material for controlled-release urea fertilizers. <i>Journal of Applied Polymer Science</i> , 2016 , 133,	2.9	12
179	Chemical speciation of cadmium: An approach to evaluate plant-available cadmium in Ecuadorian soils under cacao production. <i>Chemosphere</i> , 2016 , 150, 57-62	8.4	33
178	Sorption of arsenic onto Ni/Fe layered double hydroxide (LDH)-biochar composites. <i>RSC Advances</i> , 2016 , 6, 17792-17799	3.7	62
177	Chemo-mechanical modification of cottonwood for Pb(2+) removal from aqueous solutions: Sorption mechanisms and potential application as biofilter in drip-irrigation. <i>Chemosphere</i> , 2016 , 161, 1-9	8.4	23
176	Bio-based Interpenetrating Network Polymer Composites from Locust Sawdust as Coating Material for Environmentally Friendly Controlled-Release Urea Fertilizers. <i>Journal of Agricultural and Food Chemistry</i> , 2016 , 64, 5692-700	5.7	63
175	Soil carbon as affected by cover crops under no-till under tropical climate. <i>Soil Use and Management</i> , 2016 , 32, 495-503	3.1	14
174	Comparison of Mehlich-3 and Ammonium Bicarbonate-DTPA for the Extraction of Phosphorus and Potassium in Calcareous Soils from Florida. <i>Communications in Soil Science and Plant Analysis</i> , 2016 , 47, 2315-2324	1.5	5
173	Evaluation of soil amendments as a remediation alternative for cadmium-contaminated soils under cacao plantations. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 17571-80	5.1	12

172	High efficiency and selectivity of MgFe-LDH modified wheat-straw biochar in the removal of nitrate from aqueous solutions. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2016 , 63, 312-317	5.3	95
171	Enhanced arsenic removal by biochar modified with nickel (Ni) and manganese (Mn) oxyhydroxides. <i>Journal of Industrial and Engineering Chemistry</i> , 2016 , 37, 361-365	6.3	63
170	Two new compounds from the roots of <i>Ilex pubescens</i> and their cytotoxic activity. <i>Journal of Natural Medicines</i> , 2016 , 70, 673-8	3.3	6
169	Sorption of arsenate onto magnetic iron-manganese (Fe-Mn) biochar composites. <i>RSC Advances</i> , 2015 , 5, 67971-67978	3.7	56
168	Wading bird guano enrichment of soil nutrients in tree islands of the Florida Everglades. <i>Science of the Total Environment</i> , 2015 , 532, 40-7	10.2	20
167	Concentration of cadmium in cacao beans and its relationship with soil cadmium in southern Ecuador. <i>Science of the Total Environment</i> , 2015 , 533, 205-14	10.2	90
166	Stable isotope compositions of aquatic flora as indicators of wetland eutrophication. <i>Ecological Engineering</i> , 2015 , 83, 13-18	3.9	10
165	Uptake efficiency of ¹⁵ N-urea in flooded and aerobic rice fields under semi-arid conditions. <i>Paddy and Water Environment</i> , 2015 , 13, 545-556	1.6	9
164	Characterization of phosphate-solubilizing bacteria isolated from calcareous soils. <i>Applied Soil Ecology</i> , 2015 , 96, 217-224	5	59
163	Identifying irrigation and nitrogen best management practices for aerobic rice-maize cropping system for semi-arid tropics using CERES-rice and maize models. <i>Agricultural Water Management</i> , 2015 , 149, 23-32	5.9	37
162	Removal of arsenic by magnetic biochar prepared from pinewood and natural hematite. <i>Bioresource Technology</i> , 2015 , 175, 391-5	11	410
161	Soil recovery across a chronosequence of restored wetlands in the Florida Everglades. <i>Scientific Reports</i> , 2015 , 5, 17630	4.9	6
160	Polymer-Coated Tablet Urea Improved Rice Yield and Nitrogen Use Efficiency. <i>Agronomy Journal</i> , 2015 , 107, 1837-1844	2.2	20
159	Phosphorus availability and environmental risks in potato fields in North Florida. <i>Soil Use and Management</i> , 2015 , 31, 308-312	3.1	8
158	Closure to Interactive Irrigation Tool for Simulating Smart Irrigation Technologies in Lawn Turf by N. A. Dobbs, K. W. Migliaccio, M. D. Dukes, K. T. Morgan, and Y. C. Li. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2015 , 141, 07014049	1.1	
157	Soil Aggregation, Organic Carbon Concentration, and Soil Bulk Density As Affected by Cover Crop Species in a No-Tillage System. <i>Revista Brasileira De Ciencia Do Solo</i> , 2015 , 39, 871-879	1.5	20
156	Physicochemical and sorptive properties of biochars derived from woody and herbaceous biomass. <i>Chemosphere</i> , 2015 , 134, 257-62	8.4	140
155	Characterization of humic acids derived from Leonardite using a solid-state NMR spectroscopy and effects of humic acids on growth and nutrient uptake of snap bean. <i>Chemical Speciation and Bioavailability</i> , 2015 , 27, 156-161		14

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