

# Jin Hee Park

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

3,135  
citations

331670

21  
h-index

302126

39  
g-index

40  
all docs

40  
docs citations

40  
times ranked

3773  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biochar reduces the bioavailability and phytotoxicity of heavy metals. <i>Plant and Soil</i> , 2011, 348, 439-451.	3.7	902
2	Role of organic amendments on enhanced bioremediation of heavy metal(loid) contaminated soils. <i>Journal of Hazardous Materials</i> , 2011, 185, 549-574.	12.4	750
3	Phytostabilization. <i>Advances in Agronomy</i> , 2011, , 145-204.	5.2	217
4	Isolation of phosphate solubilizing bacteria and their potential for lead immobilization in soil. <i>Journal of Hazardous Materials</i> , 2011, 185, 829-836.	12.4	190
5	Chromium Contamination and Its Risk Management in Complex Environmental Settings. <i>Advances in Agronomy</i> , 2013, 120, 129-172.	5.2	110
6	Comparative value of phosphate sources on the immobilization of lead, and leaching of lead and phosphorus in lead contaminated soils. <i>Science of the Total Environment</i> , 2011, 409, 853-860.	8.0	109
7	Comparative Sorption of Pb and Cd by Biochars and Its Implication for Metal Immobilization in Soils. <i>Water, Air, and Soil Pollution</i> , 2013, 224, 1.	2.4	104
8	Concomitant rock phosphate dissolution and lead immobilization by phosphate solubilizing bacteria ( <i>Enterobacter</i> sp.). <i>Journal of Environmental Management</i> , 2011, 92, 1115-1120.	7.8	87
9	Comparison of the lead and copper adsorption capacities of plant source materials and their biochars. <i>Journal of Environmental Management</i> , 2019, 236, 118-124.	7.8	81
10	Comparison of Heavy Metal Adsorption by Peat Moss and Peat Moss-Derived Biochar Produced Under Different Carbonization Conditions. <i>Water, Air, and Soil Pollution</i> , 2015, 226, 1.	2.4	67
11	The application of coal combustion by-products in mine site rehabilitation. <i>Journal of Cleaner Production</i> , 2014, 84, 761-772.	9.3	51
12	Environmental monitoring of the role of phosphate compounds in enhancing immobilization and reducing bioavailability of lead in contaminated soils. <i>Journal of Environmental Monitoring</i> , 2011, 13, 2234.	2.1	41
13	Comparison of heavy metal immobilization in contaminated soils amended with peat moss and peat moss-derived biochar. <i>Environmental Sciences: Processes and Impacts</i> , 2016, 18, 514-520.	3.5	37
14	Geographical origin authentication of onions using stable isotope ratio and compositions of C, H, O, N, and S. <i>Food Control</i> , 2019, 101, 121-125.	5.5	36
15	Geographical origin identification of garlic cultivated in Korea using isotopic and multi-elemental analyses. <i>Food Control</i> , 2020, 111, 107064.	5.5	33
16	Contrasting effects of Cr(III) and Cr(VI) on lettuce grown in hydroponics and soil: Chromium and manganese speciation. <i>Environmental Pollution</i> , 2020, 266, 115073.	7.5	29
17	Lead immobilization and bioavailability in microbial and root interface. <i>Journal of Hazardous Materials</i> , 2013, 261, 777-783.	12.4	28
18	Interaction of Sb(III) with iron sulfide under anoxic conditions: Similarities and differences compared to As(III) interactions. <i>Chemosphere</i> , 2018, 195, 762-770.	8.2	28

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19	The Effect of Soil Bacteria and Perlite on Plant Growth and Soil Properties in Metal Contaminated Samples. <i>Water, Air, and Soil Pollution</i> , 2007, 179, 265-281.	2.4	22
20	Immobilization of Lead from Pb-Contaminated Soil Amended with Peat Moss. <i>Journal of Chemistry</i> , 2013, 2013, 1-6.	1.9	22
21	Understanding the salinity issue of coal mine spoils in the context of salt cycle. <i>Environmental Geochemistry and Health</i> , 2014, 36, 453-465.	3.4	22
22	Adsorption of Pb(II) and Cu(II) by Ginkgo-Leaf-Derived Biochar Produced under Various Carbonization Temperatures and Times. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 1528.	2.6	22
23	Geochemical assessments and classification of coal mine spoils for better understanding of potential salinity issues at closure. <i>Environmental Sciences: Processes and Impacts</i> , 2013, 15, 1235.	3.5	21
24	Aging effects on fractionation and speciation of redox-sensitive metals in artificially contaminated soil. <i>Chemosphere</i> , 2021, 263, 127931.	8.2	17
25	Effect of pyroligneous acid on soil urease, amidase, and nitrogen use efficiency by Chinese cabbage ( <i>Brassica campestris</i> var. <i>Pekinensis</i> ). <i>Environmental Pollution</i> , 2021, 291, 118132.	7.5	17
26	Characterization of iron and manganese minerals and their associated microbiota in different mine sites to reveal the potential interactions of microbiota with mineral formation. <i>Chemosphere</i> , 2018, 191, 245-252.	8.2	14
27	Relative Value of Phosphate Compounds in Reducing the Bioavailability and Toxicity of Lead in Contaminated Soils. <i>Water, Air, and Soil Pollution</i> , 2012, 223, 599-608.	2.4	13
28	Early detection of plant stress using the internal electrical conductivity of <i>Capsicum annuum</i> in response to temperature and salinity stress. <i>Plant Growth Regulation</i> , 2021, 95, 371-380.	3.4	11
29	Effect of tungsten-resistant bacteria on uptake of tungsten by lettuce and tungsten speciation in plants. <i>Journal of Hazardous Materials</i> , 2019, 379, 120825.	12.4	10
30	Investigation of Mineral-Processing Wastewater Recycling Processes: A Pilot Study. <i>Sustainability</i> , 2018, 10, 3069.	3.2	9
31	Effect of redox variation on the geochemical behavior of Sb in a vegetated Sb(V)-contaminated soil column. <i>Journal of Hazardous Materials</i> , 2020, 392, 122112.	12.4	9
32	Effect of pyroligneous acids on urease inhibition. <i>Journal of Applied Biological Chemistry</i> , 2017, 60, 173-178.	0.4	5
33	Evaluation of accumulated particulate matter on roadside tree leaves and its metal content. <i>Journal of Applied Biological Chemistry</i> , 2020, 63, 161-168.	0.4	4
34	Research Trends Using Soil Sensors for Precise Nutrient and Water Management in Soil for Smart Farm. <i>Han'guk T'oyang Piryo Hakhoe Chi Han'guk T'oyang Piryo Hakhoe</i> , 2021, 54, 366-382.	0.9	4
35	Multi-sensor monitoring for temperature stress evaluation of broccoli ( <i>Brassica oleracea</i> var.) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.4	3
36	Reduced use of nitrogen fertilizer through retarded hydrolysis of urea by pyroligneous acid for Chinese cabbage cultivation. <i>Journal of Applied Biological Chemistry</i> , 2022, 65, 1-6.	0.4	3

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37	Monitoring of plant induced electrical signal of broccoli ( <i>Brassica oleracea</i> var. <i>italica</i> ) under changing light and CO <sub>2</sub> conditions. Journal of Applied Biological Chemistry, 2021, 64, 351-356.	0.4	3
38	Evaluating plant stress conditions in paprika by comparing internal electrical conductivity, photosynthetic response, and sap flow. Horticulture Environment and Biotechnology, 2019, 60, 41-48.	2.1	2
39	Effect of Irrigation Frequency on Growth and Functional Ingredient Contents of <i>Gynura procumbens</i> Cultivated in Hydroponics System. Han'guk T'oyang Piryo Hakhoe Chi Han'guk T'oyang Piryo Hakhoe, 2020, 53, 175-185.	0.9	1
40	Effect of Shading on Growth and Functional Ingredient Contents of <i>Gynura procumbens</i> Cultivated in Hydroponics System. Han'guk T'oyang Piryo Hakhoe Chi Han'guk T'oyang Piryo Hakhoe, 2020, 53, 150-161.	0.9	1