Nabeel Khan Niazi

List of Publications by Year
in descending order

177	12,252	24725	27442
papers	citations	56 h-index	104 g-index

182	182	182	11817
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The evaluation of bacterial-augmented floating treatment wetlands for concomitant removal of phenol and chromium from contaminated water. International Journal of Phytoremediation, 2024, 26, 287-293.	3.2	3
2	A critical review on the separation of heavy metal(loid)s from the contaminated water using various agricultural wastes. International Journal of Phytoremediation, 2024, 26, 349-368.	3.2	6
3	Glyphosate in the environment: interactions and fate in complex soil and water settings, and (phyto) remediation strategies. International Journal of Phytoremediation, 2024, 26, 816-837.	3.2	0
4	Exploring the potential of bacterial-augmented floating treatment wetlands for the remediation of detergent-contaminated water. International Journal of Phytoremediation, 2024, 26, 882-893.	3.2	0
5	Role of organic and inorganic amendments on physiological attributes of germinating pea seedlings under arsenic stress. International Journal of Phytoremediation, 2024, 26, 1243-1252.	3.2	0
6	Efficacy of Fe-Mg-bimetallic biochar in stabilization of multiple heavy metals-contaminated soil and attenuation of toxicity in spinach (Spinacia oleracea L.). Chemosphere, 2024, , 143184.	8.3	0
7	Use of agricultural bio-wastes to remove arsenic from contaminated water. Environmental Geochemistry and Health, 2023, 45, 5703-5712.	3.6	13
8	A critical analysis of wastewater use in agriculture and associated health risks in Pakistan. Environmental Geochemistry and Health, 2023, 45, 5599-5618.	3.6	58
9	The role of various ameliorants on geochemical arsenic distribution and CO2-carbon efflux under paddy soil conditions. Environmental Geochemistry and Health, 2023, 45, 507-523.	3.6	13
10	Biochar/nano-zerovalent zinc-based materials for arsenic removal from contaminated water. International Journal of Phytoremediation, 2023, 25, 1155-1164.	3.2	13
11	Pros and Cons of Biochar to Soil Potentially Toxic Element Mobilization and Phytoavailability: Environmental Implications. Earth Systems and Environment, 2023, 7, 321-345.	6.2	29
12	Unveiling Distribution, Hydrogeochemical Behavior and Environmental Risk of Chromium in Tannery Wastewater. Water (Switzerland), 2023, 15, 391.	2.8	6
13	Current Status and Future Prospects of Head Rice Yield. Agriculture (Switzerland), 2023, 13, 705.	3.1	4
14	Coupled sorptive and oxidative antimony(III) removal by iron-modified biochar: Mechanisms of electron-donating capacity and reactive Fe species. Environmental Pollution, 2023, 337, 122637.	7.6	7
15	Influence of biochar on trace element uptake, toxicity and detoxification in plants and associated health risks: A critical review. Critical Reviews in Environmental Science and Technology, 2022, 52, 2803-2843.	12.7	78
16	Arsenic-induced oxidative stress in Brassica oleracea: Multivariate and literature data analyses of physiological parameters, applied levels and plant organ type. Environmental Geochemistry and Health, 2022, 44, 1827-1839.	3.6	13
17	Review on the interactions of arsenic, iron (oxy)(hydr)oxides, and dissolved organic matter in soils, sediments, and groundwater in a ternary system. Chemosphere, 2022, 286, 131790.	8.3	87
18	Recent developments in phosphate-assisted phytoremediation of potentially toxic metal(loid)s-contaminated soils. , 2022, , 345-370.		5

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19	Constructed wetlands as a sustainable technology for wastewater treatment with emphasis on chromium-rich tannery wastewater. Journal of Hazardous Materials, 2022, 422, 126926.	12.5	63
20	Biochar: A Game Changer for Sustainable Agriculture. , 2022, , 143-157.		6
21	Sustainable applications of rice feedstock in agro-environmental and construction sectors: A global perspective. Renewable and Sustainable Energy Reviews, 2022, 153, 111791.	16.6	91
22	Enhanced sorption of trivalent antimony by chitosan-loaded biochar in aqueous solutions: Characterization, performance and mechanisms. Journal of Hazardous Materials, 2022, 425, 127971.	12.5	106
23	Zinc in soil-plant-human system: A data-analysis review. Science of the Total Environment, 2022, 808, 152024.	8.1	99
24	Nanobiochar-rhizosphere interactions: Implications for the remediation of heavy-metal contaminated soils. Environmental Pollution, 2022, 299, 118810.	7.6	49
25	Manganese oxide-modified biochar: production, characterization and applications for the removal of pollutants from aqueous environments - a review. Bioresource Technology, 2022, 346, 126581.	9.6	75
26	Removal of potentially toxic elements from contaminated soil and water using bone char compared to plant- and bone-derived biochars: A review. Journal of Hazardous Materials, 2022, 427, 128131.	12.5	37
27	Biochar and soil properties limit the phytoavailability of lead and cadmium by Brassica chinensis L. in contaminated soils. Biochar, 2022, 4, 1.	12.7	26
28	The significance of eighteen rice genotypes on arsenic accumulation, physiological response and potential health risk. Science of the Total Environment, 2022, 832, 155004.	8.1	18
29	Removal of toxic elements from aqueous environments using nano zero-valent iron- and iron oxide-modified biochar: a review. Biochar, 2022, 4, 1.	12.7	70
30	Application of magnetic biochars for the removal of aquatic pollutants. , 2022, , 393-419.		1
31	Elucidating the Potential of Vertical Flow-Constructed Wetlands Vegetated with Different Wetland Plant Species for the Remediation of Chromium-Contaminated Water. Sustainability, 2022, 14, 5230.	3.3	13
32	Modified and pristine biochars for remediation of chromium contamination in soil and aquatic systems. Chemosphere, 2022, 303, 134942.	8.3	33
33	Distribution and ecological risk assessment of trace elements in the paddy soil-rice ecosystem of Punjab, Pakistan. Environmental Pollution, 2022, 307, 119492.	7.6	24
34	Anion-regulation engineering toward Cu/In/MOF bimetallic electrocatalysts for selective electrochemical reduction of CO2 to CO/formate. Materials Reports Energy, 2022, 2, 100139.	3.6	7
35	Remote Sensing-Based Prediction of Temporal Changes in Land Surface Temperature and Land Use-Land Cover (LULC) in Urban Environments. Land, 2022, 11, 1610.	2.9	9
36	Efficient removal of norfloxacin using nano zerovalent cerium composite biochar-catalyzed peroxydisulfate. Journal of Cleaner Production, 2022, 377, 134405.	9.4	13

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37	Enhanced Degradation of Ciprofloxacin in Floating Treatment Wetlands Augmented with Bacterial Cells Immobilized on Iron Oxide Nanoparticles. Sustainability, 2022, 14, 14997.	3.3	5
38	Factor Structure of Repetitive Behaviors Across Autism Spectrum Disorder and Attention-Deficit/Hyperactivity Disorder. Journal of Autism and Developmental Disorders, 2021, 51, 3391-3400.	3.1	22
39	Microbe-EDTA mediated approach in the phytoremediation of lead-contaminated soils using maize (Zea mays L.) plants. International Journal of Phytoremediation, 2021, 23, 1-12.	3.2	8
40	Arsenic in Latin America: New findings on source, mobilization and mobility in human environments in 20 countries based on decadal research 2010-2020. Critical Reviews in Environmental Science and Technology, 2021, 51, 1727-1865.	12.7	79
41	Nano-zerovalent manganese/biochar composite for the adsorptive and oxidative removal of Congo-red dye from aqueous solutions. Journal of Hazardous Materials, 2021, 403, 123854.	12.5	159
42	Hydrogeochemical and health risk evaluation of arsenic in shallow and deep aquifers along the different floodplains of Punjab, Pakistan. Journal of Hazardous Materials, 2021, 402, 124074.	12.5	49
43	Arsenic speciation and biotransformation pathways in the aquatic ecosystem: The significance of algae. Journal of Hazardous Materials, 2021, 403, 124027.	12.5	124
44	Exogenous selenium (cadmium) inhibits the absorption and transportation of cadmium (selenium) in rice. Environmental Pollution, 2021, 268, 115829.	7.6	42
45	Risk assessment of potentially toxic metal(loid)s in Vigna radiata L. under wastewater and freshwater irrigation. Chemosphere, 2021, 265, 129124.	8.3	28
46	Compost-mediated arsenic phytoremediation, health risk assessment and economic feasibility using Zea mays L. in contrasting textured soils. International Journal of Phytoremediation, 2021, 23, 899-910.	3.2	14
47	Impacts of Water Quality on Human Health in Pakistan. World Water Resources, 2021, , 225-247.	0.0	3
48	Developments in Nanoadsorbents for the Treatment of Arsenic-Contaminated Water. , 2021, , 325-361.		3
49	Elucidating distinct oxidative stress management, nutrient acquisition and yield responses of Pisum sativum L. fertigated with diluted and treated wastewater. Agricultural Water Management, 2021, 247, 106720.	5.7	27
50	The potential of microbes and sulfate in reducing arsenic phytoaccumulation by maize (Zea mays L.) plants. Environmental Geochemistry and Health, 2021, 43, 5037-5051.	3.6	9
51	Prevalence of SARS-CoV-2 in Communities Through Wastewater Surveillanceâ€"a Potential Approach for Estimation of Disease Burden. Current Pollution Reports, 2021, 7, 160-166.	6.4	31
52	Hydrogeochemical and health risk investigation of potentially toxic elements in groundwater along River Sutlej floodplain in Punjab, Pakistan. Environmental Geochemistry and Health, 2021, 43, 5195-5209.	3.6	14
53	Arsenic biogeochemical cycling in paddy soil-rice system: Interaction with various factors, amendments and mineral nutrients. Science of the Total Environment, 2021, 773, 145040.	8.1	108
54	Health risks of arsenic buildup in soil and food crops after wastewater irrigation. Science of the Total Environment, 2021, 772, 145266.	8.1	58

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55	Occurrence of various viruses and recent evidence of SARS-CoV-2 in wastewater systems. Journal of Hazardous Materials, 2021, 414, 125439.	12.5	53
56	Targeting Cd coping mechanisms for stress tolerance in Brassica napus under spiked-substrate system: from physiology to remediation perspective. International Journal of Phytoremediation, 2021, , 1-15.	3.2	1
57	Seven potential sources of arsenic pollution in Latin America and their environmental and health impacts. Science of the Total Environment, 2021, 780, 146274.	8.1	108
58	Both viable and inactivated amoeba spores protect their intracellular bacteria from drinking water disinfection. Journal of Hazardous Materials, 2021, 417, 126006.	12.5	32
59	A modeling approach for unveiling adsorption of toxic ions on iron oxide nanocrystals. Journal of Hazardous Materials, 2021, 417, 126005.	12.5	7
60	Nickel in soil and water: Sources, biogeochemistry, and remediation using biochar. Journal of Hazardous Materials, 2021, 419, 126421.	12.5	78
61	Impact of organic and inorganic amendments on arsenic accumulation by rice genotypes under paddy soil conditions: A pilot-scale investigation to assess health risk. Journal of Hazardous Materials, 2021, 420, 126620.	12.5	18
62	A meta-analysis of photocatalytic performance and efficiency of bismuth oxide (BiO2_x). Journal of Cleaner Production, 2021, 322, 129070.	9.4	11
63	Exploring the potential of nano-zerovalent copper modified biochar for the removal of ciprofloxacin from water. Environmental Nanotechnology, Monitoring and Management, 2021, 16, 100604.	3.0	6
64	Are future enlargement candidate countries converging with the EU?. Empirica, 2020, 47, 453-473.	1.7	7
65	Arsenic Environmental Contamination Status in South Asia. , 2020, , 13-39.		29
66	Nitrogen fertilizer enhances zinc and cadmium uptake by hyperaccumulator Sedum alfredii Hance. Journal of Soils and Sediments, 2020, 20, 320-329.	2.9	27
67	A review of biochar-based sorbents for separation of heavy metals from water. International Journal of Phytoremediation, 2020, 22, 111-126.	3.2	125
68	A critical review of mercury speciation, bioavailability, toxicity and detoxification in soil-plant environment: Ecotoxicology and health risk assessment. Science of the Total Environment, 2020, 711, 134749.	8.1	166
69	Trace elements-induced phytohormesis: A critical review and mechanistic interpretation. Critical Reviews in Environmental Science and Technology, 2020, 50, 1984-2015.	12.7	100
70	Changes of nutrients and potentially toxic elements during hydrothermal carbonization of pig manure. Chemosphere, 2020, 243, 125331.	8.3	49
71	A critical review of different factors governing the fate of pesticides in soil under biochar application. Science of the Total Environment, 2020, 711, 134645.	8.1	154
72	Describing the toxicity and sources and the remediation technologies for mercury-contaminated soil. RSC Advances, 2020, 10, 23221-23232.	3.7	63

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73	Wetting-drying cycles during a rice-wheat crop rotation rapidly (im)mobilize recalcitrant soil phosphorus. Journal of Soils and Sediments, 2020, 20, 3921-3930.	2.9	20
74	COVID-19: US federal accountability for entry, spread, and inequitiesâ€"lessons for the future. European Journal of Epidemiology, 2020, 35, 995-1006.	5.8	42
75	Plant growth promotion and enhanced uptake of Cd by combinatorial application of Bacillus pumilus and EDTA on Zea mays L.. International Journal of Phytoremediation, 2020, 22, 1372-1384.	3.2	30
76	Lead and copper-induced hormetic effect and toxicity mechanisms in lettuce (Lactuca sativa L.) grown in a contaminated soil. Science of the Total Environment, 2020, 741, 140440.	8.1	25
77	Impact of genetically modified crops on rhizosphere microorganisms and processes: A review focusing on Bt cotton. Applied Soil Ecology, 2020, 148, 103492.	4.4	39
78	Synthesis of nitrogen-doped Ceria nanoparticles in deep eutectic solvent for the degradation of sulfamethaxazole under solar irradiation and additional antibacterial activities. Chemical Engineering Journal, 2020, 394, 124869.	12.8	71
79	A critical review on arsenic removal from water using biochar-based sorbents: The significance of modification and redox reactions. Chemical Engineering Journal, 2020, 396, 125195.	12.8	263
80	Phytoremediation of Agricultural Pollutants. Concepts and Strategies in Plant Sciences, 2020, , 27-81.	0.0	10
81	Arsenic Removal from Water Using Biochar-Based Sorbents. , 2020, , 63-80.		1
82	Wood-based biochar for the removal of potentially toxic elements in water and wastewater: a critical review. International Materials Reviews, 2019, 64, 216-247.	19.5	385
83	Comparative effect of organic amendments on physio-biochemical traits of young and old bean leaves grown under cadmium stress: a multivariate analysis. Environmental Science and Pollution Research, 2019, 26, 11579-11590.	5.2	14
84	Sediment quality, elemental bioaccumulation and antimicrobial properties of mangroves of Indian Sundarban. Environmental Geochemistry and Health, 2019, 41, 275-296.	3.6	13
85	Evaluation of Agroforestry Carbon Storage Status and Potential in Irrigated Plains of Pakistan. Forests, 2019, 10, 640.	2.1	15
86	Redox Mechanisms and Plant Tolerance Under Heavy Metal Stress: Genes and Regulatory Networks. , 2019, , 71-105.		4
87	Phytoremediation of Cadmium-Polluted Water/Sediment by Aquatic Macrophytes: Role of Plant-Induced pH Changes. , 2019, , 495-529.		56
88	Sorption of lead in soil amended with coconut fiber biochar: Geochemical and spectroscopic investigations. Geoderma, 2019, 350, 52-60.	5.2	45
89	Elemental compositions of particulate matter retained on air condition unitâ€™s filters at Greater Doha, Qatar. Environmental Geochemistry and Health, 2019, 41, 2533-2548.	3.6	13
90	Dust explosions: A serious concern. Methods in Chemical Process Safety, 2019, 3, 33-69.	0.0	11

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91	A critical prospective analysis of the potential toxicity of trace element regulation limits in soils worldwide: Are they protective concerning health risk assessment? - A review. Environment International, 2019, 127, 819-847.	10.0	305
92	Comparative efficiency of peanut shell and peanut shell biochar for removal of arsenic from water. Environmental Science and Pollution Research, 2019, 26, 18624-18635.	5.2	74
93	Biogeochemistry of antimony in soil-plant system: Ecotoxicology and human health. Applied Geochemistry, 2019, 106, 45-59.	3.1	56
94	Assessment of potential dietary toxicity and arsenic accumulation in two contrasting rice genotypes: Effect of soil amendments. Chemosphere, 2019, 225, 104-114.	8.3	45
95	A multivariate analysis of health risk assessment, phytoremediation potential, and biochemical attributes of Spinacia oleracea exposed to cadmium in the presence of organic amendments under hydroponic conditions. International Journal of Phytoremediation, 2019, 21, 461-470.	3.2	9
96	Synergistic effects of bismuth coupling on the reactivity and reusability of zerovalent iron nanoparticles for the removal of cadmium from aqueous solution. Science of the Total Environment, 2019, 669, 333-341.	8.1	41
97	Arsenic removal from aqueous solutions and groundwater using agricultural biowastes-derived biosorbents and biochar: a column-scale investigation. International Journal of Phytoremediation, 2019, 21, 509-518.	3.2	49
98	Sorption mechanisms of lead on silicon-rich biochar in aqueous solution: Spectroscopic investigation. Science of the Total Environment, 2019, 672, 572-582.	8.1	84
99	Ecotoxicology of Heavy Metal(loid)-Enriched Particulate Matter: Foliar Accumulation by Plants and Health Impacts. Reviews of Environmental Contamination and Toxicology, 2019, 253, 65-113.	1.4	19
100	Unveiling the Efficiency of Vermicompost Derived from Different Biowastes on Wheat (Triticum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3	3.1	21
101	Foliar uptake of arsenic nanoparticles by spinach: an assessment of physiological and human health risk implications. Environmental Science and Pollution Research, 2019, 26, 20121-20131.	5.2	46
102	How autochthonous microorganisms influence physiological status of Zea mays L. cultivated on heavy metal contaminated soils?. Environmental Science and Pollution Research, 2019, 26, 4746-4763.	5.2	32
103	Influence of the root plaque formation with different species on oxytetracycline accumulation in rice (Oryza sativa L.) and its elimination in culture solution. Environmental Science and Pollution Research, 2019, 26, 4091-4103.	5.2	2
104	Biochar as an (Im)mobilizing Agent for the Potentially Toxic Elements in Contaminated Soils. , 2019, , 255-274.		17
105	Recent Advances in Arsenic Accumulation in Rice. , 2019, , 385-398.		10
106	Effect of tobacco stem-derived biochar on soil metal immobilization and the cultivation of tobacco plant. Journal of Soils and Sediments, 2019, 19, 2313-2321.	2.9	35
107	Exploring the arsenic removal potential of various biosorbents from water. Environment International, 2019, 123, 567-579.	10.0	143
108	A multivariate analysis of physiological and antioxidant responses and health hazards of wheat under cadmium and lead stress. Environmental Science and Pollution Research, 2019, 26, 362-370.	5.2	50

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109	Potential toxicity of trace elements and nanomaterials to Chinese cabbage in arsenic- and lead-contaminated soil amended with biochars. Environmental Geochemistry and Health, 2019, 41, 1777-1791.	3.6	25
110	Health risk assessment of drinking arsenic-containing groundwater in Hasilpur, Pakistan: effect of sampling area, depth, and source. Environmental Science and Pollution Research, 2019, 26, 20018-20029.	5.2	97
111	Impact of sugarcane bagasse-derived biochar on heavy metal availability and microbial activity: A field study. Chemosphere, 2018, 200, 274-282.	8.3	273
112	The evaluation of arsenic contamination potential, speciation and hydrogeochemical behaviour in aquifers of Punjab, Pakistan. Chemosphere, 2018, 199, 737-746.	8.3	124
113	Biochar influences soil carbon pools and facilitates interactions with soil: A field investigation. Land Degradation and Development, 2018, 29, 2162-2171.	3.9	97
114	Cadmium tolerance and phytoremediation potential of acacia (Acacia nilotica L.) under salinity stress. International Journal of Phytoremediation, 2018, 20, 739-746.	3.2	29
115	A comparative study to evaluate efficiency of EDTA and calcium in alleviating arsenic toxicity to germinating and young Vicia faba L. seedlings. Journal of Soils and Sediments, 2018, 18, 2271-2281.	2.9	51
116	Arsenic removal by Japanese oak wood biochar in aqueous solutions and well water: Investigating arsenic fate using integrated spectroscopic and microscopic techniques. Science of the Total Environment, 2018, 621, 1642-1651.	8.1	183
117	Characterization of pig manure-derived hydrochars for their potential application as fertilizer. Environmental Science and Pollution Research, 2018, 25, 25772-25779.	5.2	38
118	Impact of biosolid application rates on competitive sorption and distribution coefficients of Cd, Cu, Ni, Pb, and Zn in an Alfisol and an Entisol. Chemical Engineering Research and Design, 2018, 115, 38-48.	5.6	14
119	Arsenic removal by perilla leaf biochar in aqueous solutions and groundwater: An integrated spectroscopic and microscopic examination. Environmental Pollution, 2018, 232, 31-41.	7.6	314
120	Arsenic Level and Risk Assessment of Groundwater in Vehari, Punjab Province, Pakistan. Exposure and Health, 2018, 10, 229-239.	5.0	78
121	Deciphering the growth, organic acid exudations, and ionic homeostasis of Amaranthus viridis L. and Portulaca oleracea L. under lead chloride stress. Environmental Science and Pollution Research, 2018, 25, 2958-2971.	5.2	31
122	Scopulibacillus cellulosilyticus sp. nov., a cellulose-degrading bacterium isolated from tea. Antonie Van Leeuwenhoek, 2018, 111, 2087-2094.	1.7	3
123	Exploring potential applications of a novel extracellular polymeric substance synthesizing bacterium (Bacillus licheniformis) isolated from gut contents of earthworm (Metaphire posthuma) in environmental remediation. Biodegradation, 2018, 29, 323-337.	3.0	30
124	In Situ Growth of Highly Active MgAl Layered Double Hydroxide on Î-Al2O3 for Catalytic Hydrolysis of Urea in Wastewater. Catalysis Letters, 2018, 148, 1893-1903.	2.7	13
125	Arsenic removal by natural and chemically modified water melon rind in aqueous solutions and groundwater. Science of the Total Environment, 2018, 645, 1444-1455.	8.1	109
126	Arsenic Uptake, Toxicity, Detoxification, and Speciation in Plants: Physiological, Biochemical, and Molecular Aspects. International Journal of Environmental Research and Public Health, 2018, 15, 59.	2.7	593

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127	A Review of Environmental Contamination and Health Risk Assessment of Wastewater Use for Crop Irrigation with a Focus on Low and High-Income Countries. International Journal of Environmental Research and Public Health, 2018, 15, 895.	2.7	265
128	Injustices of foreign investment in coal. Science, 2018, 360, 1081-1081.	19.8	0
129	Chromium(VI) removal by siderite (FeCO3) in anoxic aqueous solutions: An X-ray absorption spectroscopy investigation. Science of the Total Environment, 2018, 640-641, 1424-1431.	8.1	55
130	Better management of groundwater needed in Pakistan. Nature, 2018, 554, 300-300.	35.8	4
131	Nickel Mobilization/Immobilization and Phytoavailability in Soils as Affected by Organic and Inorganic Amendments. , 2018, , 265-292.		3
132	Biogeochemical Behavior of Arsenic in Biochar-Amended Soils. , 2018, , 83-104.		0
133	Effect of bamboo and rice straw biochars on the mobility and redistribution of heavy metals (Cd, Cu,) Tj ETQq1 1 0.784314 rgBT /Ove	7.9	307
134	Effect of Eucalyptus forests on understory vegetation and soil quality. Journal of Soils and Sediments, 2017, 17, 2383-2389.	2.9	23
135	Comparative effect of calcium and EDTA on arsenic uptake and physiological attributes ofPisum sativum. International Journal of Phytoremediation, 2017, 19, 662-669.	3.2	102
136	Phosphate-assisted phytoremediation of arsenic byBrassica napusandBrassica juncea: Morphological and physiological response. International Journal of Phytoremediation, 2017, 19, 670-678.	3.2	119
137	Current Approaches for the Assessment of In Situ Remediation of Xenobiotics. Soil Biology, 2017, , 171-196.	0.0	2
138	Influence of groundwater and wastewater irrigation on lead accumulation in soil and vegetables: Implications for health risk assessment and phytoremediation. International Journal of Phytoremediation, 2017, 19, 1037-1046.	3.2	93
139	Arsenic and fluoride removal by potato peel and rice husk (PPRH) ash in aqueous environments. International Journal of Phytoremediation, 2017, 19, 1029-1036.	3.2	57
140	Arsenic accumulation and physiological attributes of spinach in the presence of amendments: an implication to reduce health risk. Environmental Science and Pollution Research, 2017, 24, 16097-16106.	5.2	54
141	Phytostabilization of heavy metals by the emergent macrophyte Vossia cuspidata (Roxb.) Griff.: A phytoremediation approach. International Journal of Phytoremediation, 2017, 19, 992-999.	3.2	54
142	Chromium speciation, bioavailability, uptake, toxicity and detoxification in soil-plant system: A review. Chemosphere, 2017, 178, 513-533.	8.3	794
143	Bioaccumulation of Potentially Toxic Elements in Cereal and Legume Crops: A Review. Clean - Soil, Air, Water, 2017, 45, 1700548.	1.3	18
144	TRAPPIST-1: The dawning of the age of Aquarius. Bioengineered, 2017, 8, 194-195.	3.2	2

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145	Unraveling sorption of lead in aqueous solutions by chemically modified biochar derived from coconut fiber: A microscopic and spectroscopic investigation. Science of the Total Environment, 2017, 576, 766-774.	8.1	184
146	Synergistic effect of biogenic Fe 3+ coupled to SÂ° oxidation on simultaneous bioleaching of Cu, Co, Zn and As from hazardous Pyrite Ash Waste. Journal of Hazardous Materials, 2017, 325, 59-70.	12.5	33
147	Foliar heavy metal uptake, toxicity and detoxification in plants: A comparison of foliar and root metal uptake. Journal of Hazardous Materials, 2017, 325, 36-58.	12.5	788
148	Adsorptive removal and separation of chemicals with metal-organic frameworks: Contribution of Ï€-complexation. Journal of Hazardous Materials, 2017, 325, 198-213.	12.5	252
149	Chromium(VI) sorption efficiency of acid-activated banana peel over organo-montmorillonite in aqueous solutions. International Journal of Phytoremediation, 2017, 19, 605-613.	3.2	148
150	Advances and future directions of biochar characterization methods and applications. Critical Reviews in Environmental Science and Technology, 2017, 47, 2275-2330.	12.7	218
151	Effect of Corn Residue Biochar on the Hydraulic Properties of Sandy Loam Soil. Sustainability, 2017, 9, 266.	3.3	68
152	Assessment of Soil Health in Urban Agriculture: Soil Enzymes and Microbial Properties. Sustainability, 2017, 9, 310.	3.3	37
153	Phytoremediation of Arsenic-Contaminated Soils Using Arsenic Hyperaccumulating Ferns. , 2016, , 521-545.		11
154	Research on characteristics of heavy metals (As, Cd, Zn) in coal from Southwest China and prevention method by using modified calcium-based materials. Fuel, 2016, 186, 714-725.	6.5	27
155	Modelling the Eddystone Lighthouse response to wave loading. Engineering Structures, 2016, 125, 566-578.	5.3	13
156	Arsenic sorption to nanoparticulate mackinawite (FeS): An examination of phosphate competition. Environmental Pollution, 2016, 218, 111-117.	7.6	120
157	Pesticides Pollution in Agricultural Soils of Pakistan. , 2016, , 199-229.		12
158	Influence of pyrolysis temperature on lead immobilization by chemically modified coconut fiber-derived biochars in aqueous environments. Environmental Science and Pollution Research, 2016, 23, 22890-22896.	5.2	70
159	Geochemical control on spatial variability of fluoride concentrations in groundwater from rural areas of Gujrat in Punjab, Pakistan. Environmental Earth Sciences, 2016, 75, 1.	2.7	29
160	Effects of tris(2,3-dibromopropyl) isocyanurate on steroidogenesis in H295R cells. Environmental Earth Sciences, 2016, 75, 1.	2.7	13
161	Early detection of the effects of compaction in forested soils: evidence from selective extraction techniques. Journal of Soils and Sediments, 2016, 16, 2223-2233.	2.9	8
162	Assessment of loose and adhered urban street sediments and trace metals: a study in the city of PoÃ§os de Caldas, Brazil. Journal of Soils and Sediments, 2016, 16, 2640-2650.	2.9	9

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163	Cadmium Bioavailability, Uptake, Toxicity and Detoxification in Soil-Plant System. Reviews of Environmental Contamination and Toxicology, 2016, 241, 73-137.	1.4	179
164	Remediation of arsenic-contaminated water using agricultural wastes as biosorbents. Critical Reviews in Environmental Science and Technology, 2016, 46, 467-499.	12.7	168
165	Arsenic(V) biosorption by charred orange peel in aqueous environments. International Journal of Phytoremediation, 2016, 18, 442-449.	3.2	95
166	Unraveling Health Risk and Speciation of Arsenic from Groundwater in Rural Areas of Punjab, Pakistan. International Journal of Environmental Research and Public Health, 2015, 12, 12371-12390.	2.7	165
167	The X-Linked Inhibitor of Apoptosis Protein Inhibitor Embelin Suppresses Inflammation and Bone Erosion in Collagen Antibody Induced Arthritis Mice. Mediators of Inflammation, 2015, 2015, 1-10.	3.1	25
168	Fireworks-related injury surveillance in the Philippines: trends in 2010â€“2014. Western Pacific Surveillance and Response Journal: WPSAR, 2015, 6, 1-6.	0.5	13
169	Effect of Substrate Dependent Ethylene on Cotton (Gossypium hirsutumL.) at Physiological and Molecular Levels Under Salinity Stress. Journal of Plant Nutrition, 2015, 38, 1913-1928.	2.0	1
170	Mechanisms of metal-phosphates formation in the rhizosphere soils of pea and tomato: environmental and sanitary consequences. Journal of Soils and Sediments, 2014, 14, 666-678.	2.9	76
171	Soil Contaminants: Sources, Effects, and Approaches for Remediation. , 2014, , 171-196.		10
172	Phytoremediation of an arsenic-contaminated site using Pteris vittata L. and Pityrogramma calomelanos var. austroamericana: a long-term study. Environmental Science and Pollution Research, 2012, 19, 3506-3515.	5.2	76
173	Sorption of lead, copper, and cadmium by calcium alginate. Metal binding stoichiometry and the pH effect. Environmental Science and Pollution Research, 2012, 19, 3516-3524.	5.2	28
174	Phytoremediation Potential ofPityrogramma CalomelanosVar.AustroamericanaandPteris VittataL. Grown at a Highly Variable Arsenic Contaminated Site. International Journal of Phytoremediation, 2011, 13, 912-932.	3.2	26
175	Individualized Alpha Activity and Frontal Asymmetry in Major Depression. Clinical EEG and Neuroscience, 2011, 42, 45-52.	1.8	88
176	Soil silicon fractions along karst hillslopes of southwestern China. Journal of Soils and Sediments, 0, , 1.	2.9	2
177	Unveiling the significance of foliar-applied silicon, selenium and phosphorus for the management and remediation of arsenic in two different rice genotypes. International Journal of Phytoremediation, 0, , 1-10.	3.2	2