

Gary Owens

List of Publications by Year in descending order

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Version: 2024-02-01

175
papers

10,502
citations

32410

55
h-index

45040

94
g-index

180
all docs

180
docs citations

180
times ranked

10304
citing authors

#	ARTICLE	IF	CITATIONS
1	Boosting extraction of Pb in contaminated soil via interfacial solar evaporation of multifunctional sponge. <i>Green Energy and Environment</i> , 2023, 8, 1459-1468.	4.7	8
2	Isolation and identification of 17 β -estradiol degrading bacteria and its degradation pathway. <i>Journal of Hazardous Materials</i> , 2022, 423, 127185.	6.5	28
3	Bimetallic Fe/Ni nanoparticles derived from green synthesis for the removal of arsenic (V) in mine wastewater. <i>Journal of Environmental Management</i> , 2022, 301, 113838.	3.8	29
4	Green reduction of graphene oxide using <i>Bacillus sphaericus</i> . <i>Journal of Colloid and Interface Science</i> , 2022, 605, 881-887.	5.0	30
5	Removal mechanism of 17 β -estradiol by carbonized green synthesis of Fe/Ni nanoparticles. <i>Chemosphere</i> , 2022, 291, 132777.	4.2	10
6	New insights on removal mechanism of 17 β -estradiol based on adsorption and Fenton-like oxidation by FeNPs/rGO. <i>Separation and Purification Technology</i> , 2022, 283, 120222.	3.9	12
7	Cyclodextrin modified green synthesized graphene oxide@iron nanoparticle composites for enhanced removal of oxytetracycline. <i>Journal of Colloid and Interface Science</i> , 2022, 608, 3159-3167.	5.0	20
8	Artificial intelligence modeling and molecular docking to analyze the laccase delignification process of rice straw by <i>Comamonas testosteroni</i> FJ17. <i>Bioresource Technology</i> , 2022, 345, 126565.	4.8	9
9	Enhanced 17 β -estradiol removal by biosynthesized rGO@Fe NPs using a response surface methodology. <i>Chemical Engineering Research and Design</i> , 2022, 159, 53-60.	2.7	10
10	Fenton-like oxidation for the simultaneous removal of estrone and 17 β -estradiol from wastewater using biosynthesized silver nanoparticles. <i>Separation and Purification Technology</i> , 2022, 285, 120304.	3.9	13
11	Evaluation of immobilizing agents as soil quality conditioners in addition to their metal(loid) immobilizing effect. <i>Pedosphere</i> , 2022, 32, 307-316.	2.1	5
12	Towards sustainable saline agriculture: Interfacial solar evaporation for simultaneous seawater desalination and saline soil remediation. <i>Water Research</i> , 2022, 212, 118099.	5.3	110
13	A biomimetic interfacial solar evaporator for heavy metal soil remediation. <i>Chemical Engineering Journal</i> , 2022, 435, 134793.	6.6	31
14	Synthesis and characterization of Nanoscale Zero-Valent Iron (nZVI) as an adsorbent for the simultaneous removal of As(III) and As(V) from groundwater. <i>Journal of Water Process Engineering</i> , 2022, 47, 102677.	2.6	20
15	Simultaneous removal of Sb(III) and Sb(V) from mining wastewater by reduced graphene oxide/bimetallic nanoparticles. <i>Science of the Total Environment</i> , 2022, 836, 155704.	3.9	25
16	One-step green synthesis of hybrid Fe-Mn nanoparticles: Methodology, characterization and mechanism. <i>Journal of Cleaner Production</i> , 2022, 363, 132406.	4.6	11
17	Synthesis of ferroferric oxide@silicon dioxide/cobalt-based zeolitic imidazole frameworks for the removal of doxorubicin hydrochloride from wastewater. <i>Journal of Colloid and Interface Science</i> , 2022, 624, 108-120.	5.0	10
18	Enhanced removal of oxytetracycline from wastewater using bimetallic Fe/Ni nanoparticles combined with ZIF-8 nanocomposites. <i>Journal of Environmental Management</i> , 2022, 318, 115526.	3.8	17

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19	Simultaneous removal of arsenite and arsenate from mining wastewater using ZIF-8 embedded with iron nanoparticles. <i>Chemosphere</i> , 2022, 304, 135269.	4.2	9
20	More from less: improving solar steam generation by selectively removing a portion of evaporation surface. <i>Science Bulletin</i> , 2022, 67, 1572-1580.	4.3	122
21	Mechanism for the simultaneous removal of Sb(III) and Sb(V) from mining wastewater by phytosynthesized iron nanoparticles. <i>Chemosphere</i> , 2022, 307, 135778.	4.2	1
22	Removal of As(V) by iron-based nanoparticles synthesized via the complexation of biomolecules in green tea extracts and an iron salt. <i>Science of the Total Environment</i> , 2021, 764, 142883.	3.9	23
23	Fenton-oxidation of rifampicin via a green synthesized rGO@nFe/Pd nanocomposite. <i>Journal of Hazardous Materials</i> , 2021, 402, 123544.	6.5	36
24	Enhanced removal of pefloxacin from aqueous solution by adsorption and Fenton-like oxidation using NH ₂ -MIL-88B. <i>Journal of Colloid and Interface Science</i> , 2021, 583, 279-287.	5.0	50
25	How do phyto-genic iron oxide nanoparticles drive redox reactions to reduce cadmium availability in a flooded paddy soil?. <i>Journal of Hazardous Materials</i> , 2021, 403, 123736.	6.5	37
26	Same materials, bigger output: A reversibly transformable 2D→3D photothermal evaporator for highly efficient solar steam generation. <i>Nano Energy</i> , 2021, 79, 105477.	8.2	228
27	Influence of corn residue biochar on water retention and penetration resistance in a calcareous sandy loam soil. <i>Geoderma</i> , 2021, 383, 114734.	2.3	33
28	Effect of soil amendments on molybdenum availability in mine affected agricultural soils. <i>Environmental Pollution</i> , 2021, 269, 116132.	3.7	15
29	Efficient removal of As (As ⁵⁺) by calcined green synthesized bimetallic Fe/Pd nanoparticles based on adsorption and oxidation. <i>Journal of Cleaner Production</i> , 2021, 286, 124987.	4.6	19
30	Evaluation of enhancement techniques for the dechlorination of DDT by nanoscale zero-valent iron. <i>Chemosphere</i> , 2021, 264, 128324.	4.2	27
31	Pre-adsorption and Fenton-like oxidation of mitoxantrone using hybrid green synthesized rGO/Fe nanoparticles. <i>Chemical Engineering Journal</i> , 2021, 408, 127273.	6.6	24
32	Application of Metal Oxide Nanomaterials in Agriculture: Benefit or Bane?. <i>Nanotechnology in the Life Sciences</i> , 2021, , 231-248.	0.4	0
33	A Hollow and Compressible 3D Photothermal Evaporator for Highly Efficient Solar Steam Generation without Energy Loss. <i>Solar Rrl</i> , 2021, 5, 2100053.	3.1	127
34	Removal of Copper from Water and Wastewater Using Dolochar. <i>Water, Air, and Soil Pollution</i> , 2021, 232, 1.	1.1	13
35	Reducing the impact of antibiotics in wastewaters: Increased removal of mitoxantrone from wastewater by biosynthesized manganese nanoparticles. <i>Journal of Cleaner Production</i> , 2021, 293, 126207.	4.6	30
36	Removal of low Sb(V) concentrations from mining wastewater using zeolitic imidazolate framework-8. <i>Journal of Environmental Management</i> , 2021, 287, 112280.	3.8	17

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37	Remediation of malachite green in wastewater by ZIF-8@Fe/Ni nanoparticles based on adsorption and reduction. <i>Journal of Colloid and Interface Science</i> , 2021, 594, 398-408.	5.0	69
38	Effects of green synthesized and commercial nZVI on crystal violet degradation by <i>Burkholderia vietnamiensis</i> C09V: Dose-dependent toxicity and biocompatibility. <i>Chemosphere</i> , 2021, 279, 130612.	4.2	7
39	Removal mechanism of Sb(III) by a hybrid rGO-Fe/Ni composite prepared by green synthesis via a one-step method. <i>Science of the Total Environment</i> , 2021, 788, 147844.	3.9	13
40	Interfacial solar evaporation driven lead removal from a contaminated soil. <i>EcoMat</i> , 2021, 3, e12140.	6.8	34
41	Enhancing solar steam generation using a highly thermally conductive evaporator support. <i>Science Bulletin</i> , 2021, 66, 2479-2488.	4.3	159
42	Unravelling the mechanism of amitriptyline removal from water by natural montmorillonite through batch adsorption, molecular simulation and adsorbent characterization studies. <i>Journal of Colloid and Interface Science</i> , 2021, 598, 379-387.	5.0	15
43	Magnetic iron nanoparticles calcined from biosynthesis for fluoroquinolone antibiotic removal from wastewater. <i>Journal of Cleaner Production</i> , 2021, 319, 128734.	4.6	24
44	Suitability of Indian mustard genotypes for phytoremediation of mercury-contaminated sites. <i>South African Journal of Botany</i> , 2021, 142, 12-18.	1.2	11
45	A one step synthesis of hybrid Fe/Ni-rGO using green tea extract for the removal of mixed contaminants. <i>Chemosphere</i> , 2021, 284, 131369.	4.2	20
46	A review of the phytochemical mediated synthesis of AgNP (silver nanoparticle): the wonder particle of the past decade. <i>Applied Nanoscience (Switzerland)</i> , 2021, 11, 2625-2660.	1.6	44
47	Synergetic adsorption and Fenton-like oxidation for simultaneous removal of ofloxacin and enrofloxacin using green synthesized Fe NPs. <i>Chemical Engineering Journal</i> , 2020, 382, 122871.	6.6	55
48	Green synthesis of iron nanoparticles using red peanut skin extract: Synthesis mechanism, characterization and effect of conditions on chromium removal. <i>Journal of Colloid and Interface Science</i> , 2020, 558, 106-114.	5.0	92
49	Simultaneous removal of Pb(II) and rifampicin from wastewater by iron nanoparticles synthesized by a tea extract. <i>Journal of Cleaner Production</i> , 2020, 242, 118476.	4.6	101
50	Simultaneous removal of ammonia and phosphate using green synthesized iron oxide nanoparticles dispersed onto zeolite. <i>Science of the Total Environment</i> , 2020, 703, 135002.	3.9	69
51	A new nFe@ZIF-8 for the removal of Pb(II) from wastewater by selective adsorption and reduction. <i>Journal of Colloid and Interface Science</i> , 2020, 565, 167-176.	5.0	68
52	Removal mechanism of mitoxantrone by a green synthesized hybrid reduced graphene oxide @ iron nanoparticles. <i>Chemosphere</i> , 2020, 246, 125700.	4.2	38
53	Mechanism and impact of synthesis conditions on the one-step green synthesis of hybrid RGO@Fe/Pd nanoparticles. <i>Science of the Total Environment</i> , 2020, 710, 136308.	3.9	20
54	Impact of green synthesized iron oxide nanoparticles on the distribution and transformation of As species in contaminated soil. <i>Environmental Pollution</i> , 2020, 258, 113668.	3.7	29

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55	Impact of green reduced graphene oxide on sewage sludge bioleaching with <i>Acidithiobacillus ferrooxidans</i> . <i>Environmental Pollution</i> , 2020, 267, 115455.	3.7	4
56	Phytoavailability-based threshold values for cadmium in soil for safer crop production. <i>Ecotoxicology and Environmental Safety</i> , 2020, 201, 110866.	2.9	17
57	A general method for selectively coating photothermal materials on 3D porous substrate surfaces towards cost-effective and highly efficient solar steam generation. <i>Journal of Materials Chemistry A</i> , 2020, 8, 24703-24709.	5.2	65
58	A cobalt oxide@polydopamine-reduced graphene oxide-based 3D photothermal evaporator for highly efficient solar steam generation. <i>Tungsten</i> , 2020, 2, 423-432.	2.0	38
59	Reversing heat conduction loss: Extracting energy from bulk water to enhance solar steam generation. <i>Nano Energy</i> , 2020, 78, 105269.	8.2	215
60	Stackable nickel-cobalt@polydopamine nanosheet based photothermal sponges for highly efficient solar steam generation. <i>Journal of Materials Chemistry A</i> , 2020, 8, 11665-11673.	5.2	184
61	A cellulose degrading bacterial strain used to modify rice straw can enhance Cu(II) removal from aqueous solution. <i>Chemosphere</i> , 2020, 256, 127142.	4.2	28
62	Enhanced aqueous phase arsenic removal by a biochar based iron nanocomposite. <i>Environmental Technology and Innovation</i> , 2020, 19, 100936.	3.0	46
63	Graphene and Rice-Straw-Fiber-Based 3D Photothermal Aerogels for Highly Efficient Solar Evaporation. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 15279-15287.	4.0	284
64	Physicochemical characteristics of biochars can be beneficially manipulated using post-pyrolyzed particle size modification. <i>Bioresource Technology</i> , 2020, 306, 123157.	4.8	20
65	Impact of genetically modified crops on rhizosphere microorganisms and processes: A review focusing on Bt cotton. <i>Applied Soil Ecology</i> , 2020, 148, 103492.	2.1	33
66	Release and stability of water dispersible biochar colloids in aquatic environments: Effects of pyrolysis temperature, particle size, and solution chemistry. <i>Environmental Pollution</i> , 2020, 260, 114037.	3.7	28
67	Boosting solar steam generation by structure enhanced energy management. <i>Science Bulletin</i> , 2020, 65, 1380-1388.	4.3	184
68	Modified green synthesis of Fe ₃ O ₄ @SiO ₂ nanoparticles for pH responsive drug release. <i>Materials Science and Engineering C</i> , 2020, 112, 110900.	3.8	52
69	Adsorption and catalytic reduction of rifampicin in wastewaters using hybrid rGO@Fe/Pd nanoparticles. <i>Journal of Cleaner Production</i> , 2020, 264, 121617.	4.6	26
70	Distribution and extent of heavy metal(loid) contamination in agricultural soils as affected by industrial activity. <i>Applied Biological Chemistry</i> , 2020, 63, .	0.7	19
71	Heavy metal accumulation and mobility in a soil profile depend on the organic waste type applied. <i>Journal of Soils and Sediments</i> , 2019, 19, 822-829.	1.5	17
72	Simultaneous removal of mixed contaminants triclosan and copper by green synthesized bimetallic iron/nickel nanoparticles. <i>Science of the Total Environment</i> , 2019, 695, 133878.	3.9	23

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73	Dataset characteristics influence the performance of different interpolation methods for soil salinity spatial mapping. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 684.	1.3	10
74	Reduced graphene oxide/iron nanoparticles used for the removal of Pb (II) by one step green synthesis. <i>Journal of Colloid and Interface Science</i> , 2019, 557, 598-607.	5.0	17
75	A photothermal reservoir for highly efficient solar steam generation without bulk water. <i>Science Bulletin</i> , 2019, 64, 1625-1633.	4.3	178
76	Mechanism of As(V) removal by green synthesized iron nanoparticles. <i>Journal of Hazardous Materials</i> , 2019, 379, 120811.	6.5	59
77	The stabilizing mechanism of cadmium in contaminated soil using green synthesized iron oxide nanoparticles under long-term incubation. <i>Journal of Hazardous Materials</i> , 2019, 379, 120832.	6.5	52
78	Metal oxide nanomaterials used to remediate heavy metal contaminated soils have strong effects on nutrient and trace element phytoavailability. <i>Science of the Total Environment</i> , 2019, 678, 430-437.	3.9	35
79	Different modelling approaches for predicting titanium dioxide nanoparticles mobility in intact soil media. <i>Science of the Total Environment</i> , 2019, 665, 1168-1181.	3.9	15
80	Photothermal materials: A key platform enabling highly efficient water evaporation driven by solar energy. <i>Materials Today Energy</i> , 2019, 12, 277-296.	2.5	250
81	Transport of engineered nanoparticles in soils and aquifers. <i>Environmental Reviews</i> , 2019, 27, 43-70.	2.1	35
82	Simultaneous removal of tetracycline and oxytetracycline antibiotics from wastewater using a ZIF-8 metal organic-framework. <i>Journal of Hazardous Materials</i> , 2019, 366, 563-572.	6.5	386
83	Impact of synthesis conditions on Pb(II) removal efficiency from aqueous solution by green tea extract reduced graphene oxide. <i>Chemical Engineering Journal</i> , 2019, 359, 976-981.	6.6	62
84	Simultaneous removal of mixed contaminants, copper and norfloxacin, from aqueous solution by ZIF-8. <i>Chemical Engineering Journal</i> , 2019, 362, 628-637.	6.6	258
85	Immobilization of cadmium in polluted soils by phytogenic iron oxide nanoparticles. <i>Science of the Total Environment</i> , 2019, 659, 491-498.	3.9	55
86	A flexible photothermal cotton-CuS nanocage-agarose aerogel towards portable solar steam generation. <i>Nano Energy</i> , 2019, 56, 708-715.	8.2	349
87	Wastewater Treatment and Role of Green Synthesized Metal Oxide Nanocomposites. <i>Advances in Environmental Engineering and Green Technologies Book Series</i> , 2019, , 268-307.	0.3	0
88	Application of soil amendments to contaminated soils for heavy metal immobilization and improved soil quality—a critical review. <i>Soil Science and Plant Nutrition</i> , 2018, 64, 156-167.	0.8	211
89	A DOC coagulant, gypsum treatment can simultaneously reduce As, Cd and Pb uptake by medicinal plants grown in contaminated soil. <i>Ecotoxicology and Environmental Safety</i> , 2018, 148, 615-619.	2.9	41
90	Nutrients losses via runoff from soils amended with cow manure composted with leaf litter. <i>Journal of Soil Science and Plant Nutrition</i> , 2018, , 0-0.	1.7	4

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91	A Facultative Electroactive Chromium(VI)-Reducing Bacterium Aerobically Isolated From a Biocathode Microbial Fuel Cell. <i>Frontiers in Microbiology</i> , 2018, 9, 2883.	1.5	21
92	New nano-biomaterials for the removal of malachite green from aqueous solution via a response surface methodology. <i>Water Research</i> , 2018, 146, 55-66.	5.3	61
93	<i>Burkholderia cepacia</i> immobilized on eucalyptus leaves used to simultaneously remove malachite green (MG) and Cr(VI). <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 172, 526-531.	2.5	18
94	Anode modification by biogenic gold nanoparticles for the improved performance of microbial fuel cells and microbial community shift. <i>Bioresource Technology</i> , 2018, 270, 11-19.	4.8	77
95	Chemometric Methods to Predict of Pb in Urban Soil from Port Pirie, South Australia, using Spectrally Active of Soil Carbon. <i>Communications in Soil Science and Plant Analysis</i> , 2018, 49, 1370-1383.	0.6	5
96	Evaporation above a bulk water surface using an oil lamp inspired highly efficient solar-steam generation strategy. <i>Journal of Materials Chemistry A</i> , 2018, 6, 12267-12274.	5.2	153
97	Removal of Cr(VI) from aqueous solutions via reduction and absorption by green synthesized iron nanoparticles. <i>Journal of Cleaner Production</i> , 2018, 176, 929-936.	4.6	109
98	Tolerance capacity of Turkish genotypes of barley (<i>Hordeum vulgare</i> L.) for cadmium stress. <i>Journal of Environmental Biology</i> , 2018, 39, 1027-1035.	0.2	5
99	Changes in Availability of Plant Nutrients during Composting of Cow Manure with Poplar Leaf Litter. <i>Compost Science and Utilization</i> , 2017, 25, 242-250.	1.2	5
100	Amelioration of saline-sodic soil with gypsum can increase yield and nitrogen use efficiency in rice-wheat cropping system. <i>Archives of Agronomy and Soil Science</i> , 2017, 63, 1267-1280.	1.3	33
101	Influence of Road Proximity on the Concentrations of Heavy Metals in Korean Urban Agricultural Soils and Crops. <i>Archives of Environmental Contamination and Toxicology</i> , 2017, 72, 260-268.	2.1	31
102	An integrated approach to safer plant production on metal contaminated soils using species selection and chemical immobilization. <i>Ecotoxicology and Environmental Safety</i> , 2016, 131, 89-95.	2.9	25
103	Phytoavailability control based management for paddy soil contaminated with Cd and Pb: Implications for safer rice production. <i>Geoderma</i> , 2016, 270, 83-88.	2.3	37
104	Enhanced antibiotic removal by the addition of bamboo charcoal during pig manure composting. <i>RSC Advances</i> , 2016, 6, 27575-27583.	1.7	21
105	Transfer functions for estimating phytoavailable Cd and Pb in metal contaminated paddy and upland soils: Implications for phytoavailability based land management. <i>Geoderma</i> , 2016, 270, 89-97.	2.3	11
106	Effect of biochar on reclaimed tidal land soil properties and maize (<i>Zea mays</i> L.) response. <i>Chemosphere</i> , 2016, 142, 153-159.	4.2	173
107	Genotypic Variation in Phytoremediation Potential of Indian Mustard Exposed to Nickel Stress: A Hydroponic Study. <i>International Journal of Phytoremediation</i> , 2015, 17, 135-144.	1.7	26
108	Spatial distribution of Pb in urban soil from Port Pirie, South Australia. <i>Environmental Technology and Innovation</i> , 2015, 4, 123-136.	3.0	12

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109	Metal uptake via phosphate fertilizer and city sewage in cereal and legume crops in Pakistan. <i>Environmental Science and Pollution Research</i> , 2015, 22, 9136-9147.	2.7	75
110	Effect of biochar on heavy metal immobilization and uptake by lettuce (<i>Lactuca sativa</i> L.) in agricultural soil. <i>Environmental Earth Sciences</i> , 2015, 74, 1249-1259.	1.3	199
111	Bioavailability of heavy metals in soils: definitions and practical implementationâ€”a critical review. <i>Environmental Geochemistry and Health</i> , 2015, 37, 1041-1061.	1.8	339
112	Distinguishable Transport Behavior of Zinc Oxide Nanoparticles in Silica Sand and Soil Columns. <i>Science of the Total Environment</i> , 2015, 505, 189-198.	3.9	81
113	Metal distributions in seawater, sediment and marine benthic macroalgae from the South Australian coastline. <i>International Journal of Environmental Science and Technology</i> , 2014, 11, 1259-1270.	1.8	38
114	Long-term assessment of the environmental fate of heavy metals in agricultural soil after cessation of organic waste treatments. <i>Environmental Geochemistry and Health</i> , 2014, 36, 409-419.	1.8	12
115	A short-term study to evaluate the uptake and accumulation of arsenic in Asian willow (<i>Salix</i> sp.) from arsenic-contaminated water. <i>Environmental Science and Pollution Research</i> , 2014, 21, 3275-3284.	2.7	10
116	Prediction of lead concentration in soil using reflectance spectroscopy. <i>Environmental Technology and Innovation</i> , 2014, 1-2, 8-15.	3.0	20
117	Effect of Partitioning on Sonochemical Reactor Performance under 200 kHz Indirect Sonication. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 9340-9347.	1.8	2
118	Cadmium adsorption by willow root: the role of cell walls and their subfractions. <i>Environmental Science and Pollution Research</i> , 2013, 20, 5665-5672.	2.7	84
119	Influence of sonochemical reactor diameter and liquid height on methyl orange degradation under 200kHz indirect sonication. <i>Journal of Environmental Chemical Engineering</i> , 2013, 1, 275-280.	3.3	18
120	Removal of methyl orange from aqueous solution using a 1.6 MHz ultrasonic atomiser. <i>RSC Advances</i> , 2013, 3, 23370.	1.7	8
121	Screening Indian Mustard Genotypes for Phytoremediating Arsenicâ€”Contaminated Soils. <i>Clean - Soil, Air, Water</i> , 2013, 41, 195-201.	0.7	30
122	Identification of the Phytoremediation Potential of Indian mustard Genotypes for Copper, Evaluated from a Hydroponic Experiment. <i>Clean - Soil, Air, Water</i> , 2013, 41, 789-796.	0.7	16
123	Influence of Reactor Shapes on Residence Time Distribution and Methyl Orange Degradation Efficiency in a Continuous Process under Indirect 200 kHz Sonication. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 18175-18183.	1.8	2
124	Decline in extractable antibiotics in manure-based composts during composting. <i>Waste Management</i> , 2012, 32, 110-116.	3.7	110
125	Phytoaccumulation of copper in willow seedlings under different hydrological regimes. <i>Ecological Engineering</i> , 2012, 44, 285-289.	1.6	37
126	Detoxification through phytochelatin synthesis in <i>Oenothera odorata</i> exposed to Cd solutions. <i>Environmental and Experimental Botany</i> , 2012, 75, 9-15.	2.0	25

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127	Immobilizer-assisted management of metal-contaminated agricultural soils for safer food production. <i>Journal of Environmental Management</i> , 2012, 102, 88-95.	3.8	63
128	Increased As load to the Uchen stream due to mine drainage and soils in the abandoned Kangwon mining district of Korea. <i>Environmental Earth Sciences</i> , 2012, 65, 689-697.	1.3	6
129	Applicability of the Charm II system for monitoring antibiotic residues in manure-based composts. <i>Waste Management</i> , 2011, 31, 39-44.	3.7	46
130	Transport of copper as affected by titania nanoparticles in soil columns. <i>Environmental Pollution</i> , 2011, 159, 1248-1256.	3.7	51
131	Occurrence and Environmental Fate of Veterinary Antibiotics in the Terrestrial Environment. <i>Water, Air, and Soil Pollution</i> , 2011, 214, 163-174.	1.1	343
132	Potential for enhanced phytoremediation of landfills using biosolids – a review. <i>Journal of Environmental Management</i> , 2010, 91, 791-797.	3.8	90
133	Influence of Indian mustard (<i>Brassica juncea</i>) on rhizosphere soil solution chemistry in long-term contaminated soils: A rhizobox study. <i>Journal of Environmental Sciences</i> , 2010, 22, 98-105.	3.2	96
134	Coadsorption of Ciprofloxacin and Cu(II) on Montmorillonite and Kaolinite as Affected by Solution pH. <i>Environmental Science & Technology</i> , 2010, 44, 915-920.	4.6	142
135	Influence of plant roots on rhizosphere soil solution composition of long-term contaminated soils. <i>Geoderma</i> , 2010, 155, 86-92.	2.3	73
136	Disposal and Use of Sewage on Agricultural Lands in Pakistan: A Review. <i>Pedosphere</i> , 2010, 20, 23-34.	2.1	157
137	Effect of Root-Induced Chemical Changes on Dynamics and Plant Uptake of Heavy Metals in Rhizosphere Soils. <i>Pedosphere</i> , 2010, 20, 494-504.	2.1	50
138	Effects of Copper, Lead, and Cadmium on the Sorption of 2,4,6-Trichlorophenol Onto and Desorption from Wheat Ash and Two Commercial Humic Acids. <i>Environmental Science & Technology</i> , 2009, 43, 5726-5731.	4.6	31
139	Heavy metal distribution, bioaccessibility, and phytoavailability in long-term contaminated soils from Lake Macquarie, Australia. <i>Soil Research</i> , 2009, 47, 166.	0.6	74
140	Chemodynamics of heavy metals in long-term contaminated soils: Metal speciation in soil solution. <i>Journal of Environmental Sciences</i> , 2009, 21, 1532-1540.	3.2	14
141	Sorption and bioavailability of arsenic in selected Bangladesh soils. <i>Environmental Geochemistry and Health</i> , 2009, 31, 61-68.	1.8	20
142	Implementation of food frequency questionnaire for the assessment of total dietary arsenic intake in Bangladesh: Part B, preliminary findings. <i>Environmental Geochemistry and Health</i> , 2009, 31, 221-238.	1.8	41
143	An effective dietary survey framework for the assessment of total dietary arsenic intake in Bangladesh: Part-A – FFQ design. <i>Environmental Geochemistry and Health</i> , 2009, 31, 207-220.	1.8	9
144	Arsenic levels in rice grain and assessment of daily dietary intake of arsenic from rice in arsenic-contaminated regions of Bangladesh – implications to groundwater irrigation. <i>Environmental Geochemistry and Health</i> , 2009, 31, 179-187.	1.8	112

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145	Human arsenic exposure and risk assessment at the landscape level: a review. <i>Environmental Geochemistry and Health</i> , 2009, 31, 143-166.	1.8	59
146	Speciation of Zn-aminopolycarboxylic complexes by electrospray ionization mass spectrometry and ion chromatography with inductively coupled plasma mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2009, 23, 419-424.	0.7	11
147	Environmental and Economic Benefits of Saline-Sodic Soil Reclamation Using Low-quality Water and Soil Amendments in Conjunction with a Rice-Wheat Cropping System. <i>Journal of Agronomy and Crop Science</i> , 2009, 195, 124-136.	1.7	64
148	Kinetics and thermodynamics of sorption of nitroaromatic compounds to as-grown and oxidized multiwalled carbon nanotubes. <i>Journal of Colloid and Interface Science</i> , 2009, 330, 1-8.	5.0	150
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