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List of Publications by Year
in descending order

182 papers	8,657 citations	31976 53 h-index	56724 83 g-index
192 all docs	192 docs citations	192 times ranked	8677 citing authors

#	Article	IF	Citations
1	Recent advances in improving the remediation performance of microbial electrochemical systems for contaminated soil and sediments. Critical Reviews in Environmental Science and Technology, 2023, 53, 137-160.	12.8	14
2	Environmental decomposition and remodeled phytotoxicity of framework-based nanomaterials. Journal of Hazardous Materials, 2022, 422, 126846.	12.4	18
3	Efficient decolorization of azo dye wastewater with polyaniline/graphene modified anode in microbial electrochemical systems. Journal of Hazardous Materials, 2022, 421, 126740.	12.4	42
4	Nanotoxicological effects and transcriptome mechanisms of wheat (Triticum aestivum L.) under stress of polystyrene nanoplastics. Journal of Hazardous Materials, 2022, 423, 127241.	12.4	69
5	Photoaging enhanced the adverse effects of polyamide microplastics on the growth, intestinal health, and lipid absorption in developing zebrafish. Environment International, 2022, 158, 106922.	10.0	53
6	Prochloraz alone or in combination with nano-CuO promotes the conjugative transfer of antibiotic resistance genes between Escherichia coli in pure water. Journal of Hazardous Materials, 2022, 424, 127761.	12.4	19
7	Extracellular polymeric substances mediate defect generation and phytotoxicity of single-layer MoS2. Journal of Hazardous Materials, 2022, 429, 128361.	12.4	13
8	Anthropogenic impacts on the biodiversity and anti-interference ability of microbial communities in lakes. Science of the Total Environment, 2022, 820, 153264.	8.0	8
9	Lake Chemodiversity Driven by Natural and Anthropogenic Factors. Environmental Science & Technology, 2022, 56, 5910-5919.	10.0	37
10	Quantum dots bind nanosheet to promote nanomaterial stability and resist endotoxin-induced fibrosis and PM2.5-induced pneumonia. Ecotoxicology and Environmental Safety, 2022, 234, 113420.	6.0	2
11	Derived regional soil-environmental quality criteria of metals based on Anhui soil-crop systems at the regulated level. Science of the Total Environment, 2022, 825, 154060.	8.0	7
12	Nanoâ€“Ag: Environmental applications and perspectives. Science of the Total Environment, 2022, 829, 154644.	8.0	29
13	Impact of sulfhydryl ligands on the transformation of silver ions by molybdenum disulfide and their combined toxicity to freshwater algae. Journal of Hazardous Materials, 2022, 435, 128953.	12.4	5
14	Bioelectrochemical degradation of petroleum hydrocarbons: A critical review and future perspectives. Environmental Pollution, 2022, 306, 119344.	7.5	12
15	Mitigation Effects and Associated Mechanisms of Environmentally Relevant Thiols on the Phytotoxicity of Molybdenum Disulfide Nanosheets. Environmental Science & Technology, 2022, 56, 9556-9568.	10.0	9
16	Variation in soil geochemical properties and microbial communities in areas under land developed for educational use (university and other campuses). Land Degradation and Development, 2021, 32, 173-182.	3.9	1
17	Polycyclic musks in the environment: A review of their concentrations and distribution, ecological effects and behavior, current concerns and future prospects. Critical Reviews in Environmental Science and Technology, 2021, 51, 323-377.	12.8	22
18	Leaching of graphene oxide nanosheets in simulated soil and their influences on microbial communities. Journal of Hazardous Materials, 2021, 404, 124046.	12.4	78

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19	A highly sensitive bioelectrochemical toxicity sensor and its evaluation using immediate current attenuation. Science of the Total Environment, 2021, 766, 142646.	8.0	12
20	Hexavalent chromium amplifies the developmental toxicity of graphene oxide during zebrafish embryogenesis. Ecotoxicology and Environmental Safety, 2021, 208, 111487.	6.0	19
21	Surface atomic arrangement of nanomaterials affects nanotoxicity. Nanotoxicology, 2021, 15, 114-130.	3.0	14
22	Potential use of <scp>Impatiens balsamina</scp> L. for bioremediation of lead and polychlorinated biphenyl contaminated soils. Land Degradation and Development, 2021, 32, 3773-3784.	3.9	5
23	Nanocolloids, but Not Humic Acids, Augment the Phytotoxicity of Single-Layer Molybdenum Disulfide Nanosheets. Environmental Science & Technology, 2021, 55, 1122-1133.	10.0	30
24	Deriving Soil Quality Criteria of Chromium Based on Species Sensitivity Distribution Methodology. Toxics, 2021, 9, 58.	3.7	7
25	Growth Responses and Accumulation Characteristics of Three Ornamental Plants to Sn Contamination in Soil. Agriculture (Switzerland), 2021, 11, 205.	3.1	6
26	Simultaneous sulfamethoxazole degradation with electricity generation by microbial fuel cells using Ni-MOF-74 as cathode catalysts and quantification of antibiotic resistance genes. Environmental Research, 2021, 197, 111054.	7.5	31
27	Technologies towards antibiotic resistance genes (ARGs) removal from aquatic environment: A critical review. Journal of Hazardous Materials, 2021, 411, 125148.	12.4	134
28	Bioavailability and toxicity variation of benzo(a)pyrene in three soilâ€“wheat systems: Indicators of soil quality. Land Degradation and Development, 2021, 32, 3847-3855.	3.9	1
29	Exploration on Optimized Control Way of D-Amino Acid for Efficiently Mitigating Membrane Biofouling of Membrane Bioreactor. Membranes, 2021, 11, 612.	3.0	3
30	Impact of algal extracellular polymeric substances on the environmental fate and risk of molybdenum disulfide in aqueous media. Water Research, 2021, 205, 117708.	11.3	24
31	Combined phyto-microbial-electrochemical system enhanced the removal of petroleum hydrocarbons from soil: A profundity remediation strategy. Journal of Hazardous Materials, 2021, 420, 126592.	12.4	43
32	Response of soil enzyme activity and soil bacterial community to PCB dissipation across different soils. Chemosphere, 2021, 283, 131229.	8.2	17
33	Formation of S defects in MoS₂-coated wood for high-efficiency seawater desalination. Environmental Science: Nano, 2021, 8, 2069-2080.	4.3	16
34	Magnetic Field-Guided MoS₂/WS₂ Heterolayered Nanofilm Regulates Cell Behavior and Gene Expression. ACS Applied Nano Materials, 2021, 4, 10828-10835.	5.0	4
35	Direct and Indirect Genotoxicity of Graphene Family Nanomaterials on DNAâ€”A Review. Nanomaterials, 2021, 11, 2889.	4.1	25
36	Synthesis of ppyâ€“MgOâ€“CNT nanocomposites for multifunctional applications. RSC Advances, 2021, 11, 36379-36390.	3.6	3

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37	Sources of Antibiotic Resistant Bacteria (ARB) and Antibiotic Resistance Genes (ARGs) in the Soil: A Review of the Spreading Mechanism and Human Health Risks. Reviews of Environmental Contamination and Toxicology, 2021, 256, 121-153.	1.3	9
38	Microbial electro-Fenton: A promising system for antibiotics resistance genes degradation and energy generation. Science of the Total Environment, 2020, 699, 134160.	8.0	40
39	Metal status in soils within a developing education park: Potential risk of land development. Land Degradation and Development, 2020, 31, 430-438.	3.9	6
40	Bioâ€electroâ€Fenton systems for sustainable wastewater treatment: mechanisms, novel configurations, recent advances, LCA and challenges. An updated review. Journal of Chemical Technology and Biotechnology, 2020, 95, 2083-2097.	3.2	40
41	Mitochondria-targeted TPP-MoS2 with dual enzyme activity provides efficient neuroprotection through M1/M2 microglial polarization in an Alzheimer's disease model. Biomaterials, 2020, 232, 119752.	11.4	123
42	Solar-assisted fabrication of dimpled 2H-MoS2 membrane for highly efficient water desalination. Water Research, 2020, 170, 115367.	11.3	60
43	Cadmium adsorption to clay-microbe aggregates: Implications for marine heavy metals cycling. Geochimica Et Cosmochimica Acta, 2020, 290, 124-136.	3.9	124
44	Predicting nanotoxicity by an integrated machine learning and metabolomics approach. Environmental Pollution, 2020, 267, 115434.	7.5	26
45	The Forms, Distribution, and Risk Assessment of Sulfonamide Antibiotics in the Manureâ€“Soilâ€“Vegetable System of Feedlot Livestock. Bulletin of Environmental Contamination and Toxicology, 2020, 105, 790-797.	2.7	9
46	Screening of safe soybean cultivars for cadmium contaminated fields. Scientific Reports, 2020, 10, 12965.	3.3	13
47	Influence of Size and Phase on the Biodegradation, Excretion, and Phytotoxicity Persistence of Single-Layer Molybdenum Disulfide. Environmental Science & Technology, 2020, 54, 12295-12306.	10.0	32
48	The nanomaterial-induced bystander effects reprogrammed macrophage immune function and metabolic profile. Nanotoxicology, 2020, 14, 1137-1155.	3.0	14
49	Vegetation alleviate the negative effects of graphene oxide on benzo[a]pyrene dissipation and the associated soil bacterial community. Chemosphere, 2020, 253, 126725.	8.2	10
50	Size Matters: Nano-Biochar Triggers Decomposition and Transformation Inhibition of Antibiotic Resistance Genes in Aqueous Environments. Environmental Science & Technology, 2020, 54, 8821-8829.	10.0	111
51	Natural Nanocolloids Mediate the Phytotoxicity of Graphene Oxide. Environmental Science & Technology, 2020, 54, 4865-4875.	10.0	28
52	Soil bacterial communities respond differently to graphene oxide and reduced graphene oxide after 90 days of exposure. Soil Ecology Letters, 2020, 2, 176-179.	4.5	4
53	The key role of Geobacter in regulating emissions and biogeochemical cycling of soil-derived greenhouse gases. Environmental Pollution, 2020, 266, 115135.	7.5	29
54	Graphene oxide enters the rice roots and disturbs the endophytic bacterial communities. Ecotoxicology and Environmental Safety, 2020, 192, 110304.	6.0	24

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55	Simultaneous removal and high tolerance of norfloxacin with electricity generation in microbial fuel cell and its antibiotic resistance genes quantification. Bioresource Technology, 2020, 304, 122984.	9.6	54
56	WS₂ Nanosheets at Noncytotoxic Concentrations Enhance the Cytotoxicity of Organic Pollutants by Disturbing the Plasma Membrane and Efflux Pumps. Environmental Science & Technology, 2020, 54, 1698-1709.	10.0	21
57	Unignorable toxicity of formaldehyde on electroactive bacteria in bioelectrochemical systems. Environmental Research, 2020, 183, 109143.	7.5	23
58	Machine learning predicts the functional composition of the protein corona and the cellular recognition of nanoparticles. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 10492-10499.	7.1	152
59	Integrating omics and traditional analyses to profile the synergistic toxicity of graphene oxide and triphenyl phosphate. Environmental Pollution, 2020, 263, 114473.	7.5	10
60	Graphene oxide nanosheets mitigate the developmental toxicity of TDCIPP in zebrafish via activating the mitochondrial respiratory chain and energy metabolism. Science of the Total Environment, 2020, 727, 138486.	8.0	14
61	Mechanism of Remediation of Cadmium-Contaminated Soil With Low-Energy Plant Snapdragon. Frontiers in Chemistry, 2020, 8, 222.	3.6	10
62	Acetate limitation selects Geobacter from mixed inoculum and reduces polysaccharide in electroactive biofilm. Water Research, 2020, 177, 115776.	11.3	70
63	G-CNTs/PVDF mixed matrix membranes with improved antifouling properties and filtration performance. Frontiers of Environmental Science and Engineering, 2019, 13, 1.	6.0	30
64	Exposure to PbSe Nanoparticles and Male Reproductive Damage in a Rat Model. Environmental Science & Technology, 2019, 53, 13408-13416.	10.0	80
65	Nanoholes Regulate the Phytotoxicity of Single-Layer Molybdenum Disulfide. Environmental Science & Technology, 2019, 53, 13938-13948.	10.0	26
66	Integrating metabolomics and physiological analysis to investigate the toxicological mechanisms of sewage sludge-derived biochars to wheat. Ecotoxicology and Environmental Safety, 2019, 185, 109664.	6.0	26
67	Cu2O nanocubes with mixed oxidation-state facets for (photo)catalytic hydrogenation of carbon dioxide. Nature Catalysis, 2019, 2, 889-898.	34.4	234
68	Bacterial community changes and antibiotic resistance gene quantification in microbial electrolysis cells during long-term sulfamethoxazole treatment. Bioresource Technology, 2019, 294, 122170.	9.6	57
69	Widely distributed nanocolloids in water regulate the fate and risk of graphene oxide. Water Research, 2019, 165, 114987.	11.3	21
70	Effects of litter quality and quantity on chemical changes during eucalyptus litter decomposition in subtropical Australia. Plant and Soil, 2019, 442, 65-78.	3.7	27
71	Effect of different initial low pH conditions on biogas production, composition, and shift in the aceticlastic methanogenic population. Bioresource Technology, 2019, 289, 121579.	9.6	28
72	Dissolved Oxygen and Visible Light Irradiation Drive the Structural Alterations and Phytotoxicity Mitigation of Single-Layer Molybdenum Disulfide. Environmental Science & Technology, 2019, 53, 7759-7769.	10.0	56

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73	Degradation mechanisms of sulfamethoxazole and its induction of bacterial community changes and antibiotic resistance genes in a microbial fuel cell. Bioresource Technology, 2019, 289, 121632.	9.6	86
74	Responses and roles of roots, microbes, and degrading genes in rhizosphere during phytoremediation of petroleum hydrocarbons contaminated soil. International Journal of Phytoremediation, 2019, 21, 1161-1169.	3.1	32
75	Applications and challenges of elemental sulfur, nanosulfur, polymeric sulfur, sulfur composites, and plasmonic nanostructures. Critical Reviews in Environmental Science and Technology, 2019, 49, 2314-2358.	12.8	37
76	Integrating multi-omics and regular analyses identifies the molecular responses of zebrafish brains to graphene oxide: Perspectives in environmental criteria. Ecotoxicology and Environmental Safety, 2019, 180, 269-279.	6.0	47
77	Integrating Biolayer Interferometry, Atomic Force Microscopy, and Density Functional Theory Calculation Studies on the Affinity between Humic Acid Fractions and Graphene Oxide. Environmental Science & Technology, 2019, 53, 3773-3781.	10.0	73
78	Effects of changed litter inputs on soil labile carbon and nitrogen pools in a eucalyptus-dominated forest of southeast Queensland, Australia. Journal of Soils and Sediments, 2019, 19, 1661-1671.	3.0	11
79	Graphene oxide quantum dots stimulate indigenous bacteria to remove oil contamination. Journal of Hazardous Materials, 2019, 366, 694-702.	12.4	32
80	Role of extracellular polymeric substances on the behavior and toxicity of silver nanoparticles and ions to green algae Chlorella vulgaris. Science of the Total Environment, 2019, 660, 1182-1190.	8.0	78
81	Microbial electrolysis cell as an emerging versatile technology: a review on its potential application, advance and challenge. Journal of Chemical Technology and Biotechnology, 2019, 94, 1697-1711.	3.2	82
82	Influence of Fe addition on the accumulation of oxytetracycline in rice seedlings (Oryza sativa L.) growing in hydroponic and soil culture. Journal of Soils and Sediments, 2018, 18, 1958-1970.	3.0	13
83	Characterization and toxicity of nanoscale fragments in wastewater treatment plant effluent. Science of the Total Environment, 2018, 626, 1332-1341.	8.0	17
84	Environmental Transformations and Algal Toxicity of Single-Layer Molybdenum Disulfide Regulated by Humic Acid. Environmental Science & Technology, 2018, 52, 2638-2648.	10.0	64
85	Nanocolloids in Natural Water: Isolation, Characterization, and Toxicity. Environmental Science & Technology, 2018, 52, 4850-4860.	10.0	48
86	Biochar accelerates PAHs biodegradation in petroleum-polluted soil by biostimulation strategy. Journal of Hazardous Materials, 2018, 343, 276-284.	12.4	198
87	Surfactants selectively reallocated the bacterial distribution in soil bioelectrochemical remediation of petroleum hydrocarbons. Journal of Hazardous Materials, 2018, 344, 23-32.	12.4	80
88	Phytoremediation of contaminated soils using ornamental plants. Environmental Reviews, 2018, 26, 43-54.	4.5	69
89	Response of soil enzymes, functional bacterial groups, and microbial communities exposed to sudan I-IV. Ecotoxicology and Environmental Safety, 2018, 166, 328-335.	6.0	5
90	Conversion relationships between environmental quality criteria of water/air and soil. Science China Earth Sciences, 2018, 61, 1781-1791.	5.2	5

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91	The Phases of WS₂ Nanosheets Influence Uptake, Oxidative Stress, Lipid Peroxidation, Membrane Damage, and Metabolism in Algae. Environmental Science & Technology, 2018, 52, 13543-13552.	10.0	63
92	Adsorption-desorption of hydrophilic contaminants rhodamine B with/without Cd2+ on a coastal soil: implications for mariculture and seafood safety. Environmental Science and Pollution Research, 2018, 25, 34636-34643.	5.3	1
93	Characterization of the effects of trace concentrations of graphene oxide on zebrafish larvae through proteomic and standard methods. Ecotoxicology and Environmental Safety, 2018, 159, 221-231.	6.0	32
94	Swift Acid Rain Sensing by Synergistic Rhizospheric Bioelectrochemical Responses. ACS Sensors, 2018, 3, 1424-1430.	7.8	34
95	Screening Priority Factors Determining and Predicting the Reproductive Toxicity of Various Nanoparticles. Environmental Science & Technology, 2018, 52, 9666-9676.	10.0	49
96	Systemic Stress and Recovery Patterns of Rice Roots in Response to Graphene Oxide Nanosheets. Environmental Science & Technology, 2017, 51, 2022-2030.	10.0	157
97	Microbial Fuel Cells for Organicâ€Contaminated Soil Remedial Applications: A Review. Energy Technology, 2017, 5, 1156-1164.	3.8	69
98	Molecular Mechanisms of Developmental Toxicity Induced by Graphene Oxide at Predicted Environmental Concentrations. Environmental Science & Technology, 2017, 51, 7861-7871.	10.0	158
99	Adsorption behavior of Sudan I-IV on a coastal soil and their forecasted biogeochemical cycles. Environmental Science and Pollution Research, 2017, 24, 10749-10758.	5.3	10
100	Strategies and knowledge gaps for improving nanomaterial biocompatibility. Environment International, 2017, 102, 177-189.	10.0	27
101	Cellular proliferation and differentiation induced by single-layer molybdenum disulfide and mediation mechanisms of proteins via the Akt-mTOR-p70S6K signaling pathway. Nanotoxicology, 2017, 11, 1-13.	3.0	12
102	Phytoremediation of petroleum hydrocarbon-contaminated saline-alkali soil by wild ornamental Iridaceae species. International Journal of Phytoremediation, 2017, 19, 300-308.	3.1	31
103	Intoxication and biochemical responses of freshwater snail Bellamya aeruginosa to ethylbenzene. Environmental Science and Pollution Research, 2017, 24, 189-198.	5.3	6
104	Specific nanotoxicity of graphene oxide during zebrafish embryogenesis. Nanotoxicology, 2016, 10, 1-11.	3.0	112
105	Sequestration and Distribution Characteristics of Cd(II) byMicrocystis aeruginosaand Its Role in Colony Formation. BioMed Research International, 2016, 2016, 1-7.	1.9	9
106	In Situ Representation of Soil/Sediment Conductivity Using Electrochemical Impedance Spectroscopy. Sensors, 2016, 16, 625.	3.8	23
107	Season, sex and age as modifiers in the association of psychosis morbidity with air pollutants: A rising problem in a Chinese metropolis. Science of the Total Environment, 2016, 541, 928-933.	8.0	56
108	Knowledge gaps between nanotoxicological research and nanomaterial safety. Environment International, 2016, 94, 8-23.	10.0	95

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109	Ultra-trace graphene oxide in a water environment triggers Parkinson's disease-like symptoms and metabolic disturbance in zebrafish larvae. Biomaterials, 2016, 93, 83-94.	11.4	112
110	Carbon fiber enhanced bioelectricity generation in soil microbial fuel cells. Biosensors and Bioelectronics, 2016, 85, 135-141.	10.1	101
111	Rice ingestion is a major pathway for human exposure to organophosphate flame retardants (OPFRs) in China. Journal of Hazardous Materials, 2016, 318, 686-693.	12.4	130
112	Salinity and Conductivity Amendment of Soil Enhanced the Bioelectrochemical Degradation of Petroleum Hydrocarbons. Scientific Reports, 2016, 6, 32861.	3.3	61
113	Graphene Oxide Inhibits Antibiotic Uptake and Antibiotic Resistance Gene Propagation. ACS Applied Materials & Interfaces, 2016, 8, 33165-33174.	8.0	38
114	Effect of Anthracene (ANT) on Growth, Microcystin (MC) Production and Expression of MC Synthetase (mcy) Genes in Microcystis aeruginosa. Water, Air, and Soil Pollution, 2016, 227, 1.	2.4	10
115	Reply to the â€˜Comment on â€œGraphene oxide regulates the bacterial community and exhibits property changes in soilâ€â€™ by C. Forstner, P. Wang, P. M. Kopittke and P. G. Dennis, RSC Adv., 2016, 6, DOI: 10.1039/C5RA26329H. RSC Advances, 2016, 6, 53688-53689.	3.6	0
116	Enhanced biodegradation of aged petroleum hydrocarbons in soils by glucose addition in microbial fuel cells. Journal of Chemical Technology and Biotechnology, 2016, 91, 267-275.	3.2	86
117	Uptake Pathway, Translocation, and Isomerization of Hexabromocyclododecane Diastereoisomers by Wheat in Closed Chambers. Environmental Science & Technology, 2016, 50, 2652-2659.	10.0	61
118	Widespread Occurrence of Benzotriazoles and Benzothiazoles in Tap Water: Influencing Factors and Contribution to Human Exposure. Environmental Science & Technology, 2016, 50, 2709-2717.	10.0	81
119	Fabrication of TiO₂â€“Bi₂WO₆ Binanosheet for Enhanced Solar Photocatalytic Disinfection of E. coli: Insights on the Mechanism. ACS Applied Materials & Interfaces, 2016, 8, 6841-6851.	8.0	200
120	Nationwide Distribution of Per- and Polyfluoroalkyl Substances in Outdoor Dust in Mainland China From Eastern to Western Areas. Environmental Science & Technology, 2016, 50, 3676-3685.	10.0	54
121	Uptake and translocation of benzo[a]pyrene (B[a]P) in two ornamental plants and dissipation in soil. Ecotoxicology and Environmental Safety, 2016, 124, 74-81.	6.0	40
122	Cytochrome P450 monooxygenase specific activity reduction in wheat Triticum aestivum induced by soil roxithromycin stress. Frontiers of Environmental Science and Engineering, 2016, 10, 270-275.	6.0	2
123	Effects of cadmium on uptake and translocation of nutrient elements in different welsh onion (Allium fistulosum L.) cultivars. Food Chemistry, 2016, 194, 101-110.	8.2	68
124	Ambient Water and Visible-Light Irradiation Drive Changes in Graphene Morphology, Structure, Surface Chemistry, Aggregation, and Toxicity. Environmental Science & Technology, 2015, 49, 3410-3418.	10.0	72
125	Assessment of soil organic contamination in a typical petrochemical industry park in China. Environmental Science and Pollution Research, 2015, 22, 10227-10234.	5.3	13
126	Root exudates as natural ligands that alter the properties of graphene oxide and environmental implications thereof. RSC Advances, 2015, 5, 17615-17622.	3.6	18

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127	Envelopmentâ€“Internalization Synergistic Effects and Metabolic Mechanisms of Graphene Oxide on Single-Cell Chlorella vulgaris Are Dependent on the Nanomaterial Particle Size. ACS Applied Materials & Interfaces, 2015, 7, 18104-18112.	8.0	123
128	Sand amendment enhances bioelectrochemical remediation of petroleum hydrocarbon contaminated soil. Chemosphere, 2015, 141, 62-70.	8.2	99
129	Mitigation in Multiple Effects of Graphene Oxide Toxicity in Zebrafish Embryogenesis Driven by Humic Acid. Environmental Science & Technology, 2015, 49, 10147-10154.	10.0	104
130	Assessment of potential soybean cadmium excluder cultivars at different concentrations of Cd in soils. Journal of Environmental Sciences, 2015, 35, 108-114.	6.1	27
131	Distribution and temporal variation of PCBs and PAHs in soils and sediments from an e-waste dismantling site in China. Environmental Earth Sciences, 2015, 74, 2925-2935.	2.7	14
132	Î´15N of soil nitrogen pools and their dynamics under decomposing leaf litters in a suburban native forest subject to repeated prescribed burning in southeast Queensland, Australia. Journal of Soils and Sediments, 2015, 15, 1063-1074.	3.0	26
133	Graphene oxide regulates the bacterial community and exhibits property changes in soil. RSC Advances, 2015, 5, 27009-27017.	3.6	64
134	Highly Efficient Antibacterial and Pb(II) Removal Effects of Ag-CoFe₂O₄-GO Nanocomposite. ACS Applied Materials & Interfaces, 2015, 7, 10576-10586.	8.0	187
135	Effects of Graphene Oxide and Oxidized Carbon Nanotubes on the Cellular Division, Microstructure, Uptake, Oxidative Stress, and Metabolic Profiles. Environmental Science & Technology, 2015, 49, 10825-10833.	10.0	177
136	Temporal changes in horsebean bioavailability and accumulation after removing extractable oxytetracycline fractions in soils. RSC Advances, 2015, 5, 32572-32579.	3.6	7
137	Superior Antibacterial Activity of Fe₃O₄-TiO₂ Nanosheets under Solar Light. ACS Applied Materials & Interfaces, 2015, 7, 21875-21883.	8.0	170
138	Enhanced photocatalytic performance of N-nitrosodimethylamine on TiO2 nanotube based on the role of singlet oxygen. Chemosphere, 2015, 120, 521-526.	8.2	38
139	Human Health Risk Assessment Based on Toxicity Characteristic Leaching Procedure and Simple Bioaccessibility Extraction Test of Toxic Metals in Urban Street Dust of Tianjin, China. PLoS ONE, 2014, 9, e92459.	2.5	53
140	Impact of fire on soil gross nitrogen transformations in forest ecosystems. Journal of Soils and Sediments, 2014, 14, 1030-1040.	3.0	35
141	Extended petroleum hydrocarbon bioremediation in saline soil using Pt-free multianodes microbial fuel cells. RSC Advances, 2014, 4, 59803-59808.	3.6	76
142	A novel and high performance activated carbon air-cathode with decreased volume density and catalyst layer invasion for microbial fuel cells. RSC Advances, 2014, 4, 42577-42580.	3.6	29
143	Biomonitoring persistent organic pollutants in the atmosphere with mosses: Performance and application. Environment International, 2014, 66, 28-37.	10.0	48
144	Graphene oxide amplifies the phytotoxicity of arsenic in wheat. Scientific Reports, 2014, 4, 6122.	3.3	127

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145	Novel hydrated graphene ribbon unexpectedly promotes aged seed germination and root differentiation. Scientific Reports, 2014, 4, 3782.	3.3	70
146	Promoted Relationship of Cardiovascular Morbidity with Air Pollutants in a Typical Chinese Urban Area. PLoS ONE, 2014, 9, e108076.	2.5	15
147	Herbicide occurrence in riparian soils and its transporting risk in the Songhua River Basin, China. Agronomy for Sustainable Development, 2013, 33, 777-785.	5.3	10
148	Carbonâ€supported perovskite oxides as oxygen reduction reaction catalyst in single chambered microbial fuel cells. Journal of Chemical Technology and Biotechnology, 2013, 88, 774-778.	3.2	53
149	A novel structure of scalable air-cathode without Nafion and Pt by rolling activated carbon and PTFE as catalyst layer in microbial fuel cells. Water Research, 2012, 46, 5777-5787.	11.3	383
150	Methodology for Derivation of Water Quality Criteria for Protecting Aquatic Environment and Future Development. Critical Reviews in Environmental Science and Technology, 2012, 42, 2471-2503.	12.8	10
151	Polycyclic Aromatic Hydrocarbon (PAH) Contamination in the Urban Topsoils of Shenyang, China. Soil and Sediment Contamination, 2012, 21, 901-917.	1.9	17
152	Single and joint effects of HHCB and cadmium on zebrafish (Danio rerio) in feculent water containing bedloads. Frontiers of Environmental Science and Engineering, 2012, 6, 360-372.	6.0	10
153	Tolerance, uptake and removal of nitrobenzene by a newly-found remediation species Mirabilis jalapa L.. Chemosphere, 2012, 86, 994-1000.	8.2	18
154	Interactive effects of chlorimuron-ethyl and copper(II) on their sorption and desorption on two typical Chinese soils. European Journal of Soil Science, 2011, 62, 882-890.	3.9	4
155	Effect of Environmentally Friendly Amendment on a Newly Found Accumulator Kalimeris integrifolia Turcz. ex DC. Phytoremediating Cd-Contaminated Soil. Water, Air, and Soil Pollution, 2011, 218, 479-486.	2.4	3
156	Comparisons of Microwave-Assisted Extraction, Simultaneous Distillation-Solvent Extraction, Soxhlet Extraction and Ultrasound Probe for Polycyclic Musks in Sediments: Recovery, Repeatability, Matrix Effects and Bioavailability. Chromatographia, 2011, 74, 489-495.	1.3	25
157	Cadmium Accumulation in Relation to Organic Acids and Nonprotein Thiols in Leaves of the Recently Found Cd Hyperaccumulator Rorippa globosa and the Cd-accumulating Plant Rorippa islandica. Journal of Plant Growth Regulation, 2011, 30, 83-91.	5.1	33
158	Effect of soil pH and organic matter on desorption hysteresis of chlorimuron-ethyl in two typical Chinese soils. Journal of Soils and Sediments, 2011, 11, 552-561.	3.0	20
159	Joint effects of Penta-BDE and heavy metals on Daphnia magna survival, its antioxidant enzyme activities and lipid peroxidation. Frontiers of Environmental Science and Engineering in China, 2011, 5, 99-110.	0.8	11
160	Phytoremediation for co-contaminated soils of benzo[a]pyrene (B[a]P) and heavy metals using ornamental plant Tagetes patula. Journal of Hazardous Materials, 2011, 186, 2075-2082.	12.4	180
161	Using Soil Available P and Activities of Soil Dehydrogenase and Phosphatase as Indicators for Biodegradation of Organophosphorus Pesticide Methamidophos and Glyphosate. Soil and Sediment Contamination, 2011, 20, 688-701.	1.9	13
162	Adsorption Characteristics and Influencing Factors of Chlorimuronâ€Ethyl in Two Typical Chinese Soils. Soil Science Society of America Journal, 2011, 75, 1394-1401.	2.2	7

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