Lusheng Zhu

List of Publications by Year
in descending order

151 papers	7,873 citations	38742 50 h-index	62596 80 g-index
154 all docs	154 docs citations	154 times ranked	6994 citing authors

#	Article	IF	Citations
1	Electrochemical behavior of catechol, resorcinol and hydroquinone at grapheneâ€“chitosan composite film modified glassy carbon electrode and their simultaneous determination in water samples. Electrochimica Acta, 2011, 56, 2748-2753.	5.2	367
2	DNA damage and effects on antioxidative enzymes in earthworm (Eisenia foetida) induced by atrazine. Soil Biology and Biochemistry, 2009, 41, 905-909.	8.8	240
3	Electrochemical behavior and voltammetric determination of 4-aminophenol based on grapheneâ€“chitosan composite film modified glassy carbon electrode. Electrochimica Acta, 2010, 55, 7102-7108.	5.2	209
4	Oxidative Stress and DNA Damage Induced by Imidacloprid in Zebrafish (Danio rerio). Journal of Agricultural and Food Chemistry, 2015, 63, 1856-1862.	5.2	203
5	Electrochemical oxidation behavior of guanine and adenine on grapheneâ€“Nafion composite film modified glassy carbon electrode and the simultaneous determination. Process Biochemistry, 2010, 45, 1707-1712.	3.7	180
6	Amperometric biosensor based on tyrosinase immobilized onto multiwalled carbon nanotubes-cobalt phthalocyanine-silk fibroin film and its application to determine bisphenol A. Analytica Chimica Acta, 2010, 659, 144-150.	5.4	172
7	Electrochemical oxidative determination of 4-nitrophenol based on a glassy carbon electrode modified with a hydroxyapatite nanopowder. Mikrochimica Acta, 2010, 169, 87-92.	5.0	166
8	Enhanced Photoelectrochemical Method for Sensitive Detection of Protein Kinase A Activity Using TiO₂/g-C₃N₄, PAMAM Dendrimer, and Alkaline Phosphatase. Analytical Chemistry, 2017, 89, 2369-2376.	6.5	153
9	Electrochemical determination of bisphenol A at Mgâ€“Alâ€“CO3 layered double hydroxide modified glassy carbon electrode. Electrochimica Acta, 2010, 55, 603-610.	5.2	148
10	DNA damage and oxidative stress induced by endosulfan exposure in zebrafish (Danio rerio). Ecotoxicology, 2012, 21, 1533-1540.	2.4	146
11	A novel hydrogen peroxide biosensor based on horseradish peroxidase immobilized on gold nanoparticlesâ€“silk fibroin modified glassy carbon electrode and direct electrochemistry of horseradish peroxidase. Sensors and Actuators B: Chemical, 2009, 137, 747-753.	7.8	133
12	Amperometric determination of bisphenol A in milk using PAMAMâ€“Fe3O4 modified glassy carbon electrode. Food Chemistry, 2011, 125, 1097-1103.	8.2	130
13	Oxidative stress and lipid peroxidation in the earthworm Eisenia fetida induced by low doses of fomesafen. Environmental Science and Pollution Research, 2013, 20, 201-208.	5.3	122
14	DNA damage and oxidative stress induced by imidacloprid exposure in the earthworm Eisenia fetida. Chemosphere, 2016, 144, 510-517.	8.2	121
15	Phthalate induced oxidative stress and DNA damage in earthworms (Eisenia fetida). Environment International, 2019, 129, 10-17.	10.0	121
16	Sensitivity and selectivity determination of BPA in real water samples using PAMAM dendrimer and CoTe quantum dots modified glassy carbon electrode. Journal of Hazardous Materials, 2010, 174, 236-243.	12.4	119
17	Genotoxicity and oxidative stress induced by the fungicide azoxystrobin in zebrafish (Danio rerio) livers. Pesticide Biochemistry and Physiology, 2016, 133, 13-19.	3.6	111
18	Combined effects of mulch film-derived microplastics and atrazine on oxidative stress and gene expression in earthworm (Eisenia fetida). Science of the Total Environment, 2020, 746, 141280.	8.0	106

#	Article	IF	Citations
19	Effects of atrazine on cytochrome P450 enzymes of zebrafish (Danio rerio). Chemosphere, 2009, 77, 404-412.	8.2	104
20	Electrocatalytic oxidation behavior of guanosine at graphene, chitosan and Fe3O4 nanoparticles modified glassy carbon electrode and its determination. Talanta, 2010, 82, 1193-1199.	5.5	102
21	Electrochemical behaviour of Sudan I at Fe3O4 nanoparticles modified glassy carbon electrode and its determination in food samples. Food Chemistry, 2011, 127, 1348-1353.	8.2	100
22	Integrated assessment of oxidative stress and DNA damage in earthworms (Eisenia fetida) exposed to azoxystrobin. Ecotoxicology and Environmental Safety, 2014, 107, 214-219.	6.0	96
23	Effects of fomesafen on soil enzyme activity, microbial population, and bacterial community composition. Environmental Monitoring and Assessment, 2014, 186, 2801-2812.	2.7	88
24	Toxic effects of 1-decyl-3-methylimidazolium bromide ionic liquid on the antioxidant enzyme system and DNA in zebrafish (Danio rerio) livers. Chemosphere, 2013, 91, 1107-1112.	8.2	86
25	Effects of the herbicide mesotrione on soil enzyme activity and microbial communities. Ecotoxicology and Environmental Safety, 2018, 164, 571-578.	6.0	86
26	The effects of high-density polyethylene and polypropylene microplastics on the soil and earthworm Metaphire guillelmi gut microbiota. Chemosphere, 2021, 267, 129219.	8.2	85
27	Amperometric biosensor based on immobilized acetylcholinesterase on gold nanoparticles and silk fibroin modified platinum electrode for detection of methyl paraoxon, carbofuran and phoxim. Journal of Electroanalytical Chemistry, 2009, 637, 21-27.	3.8	81
28	An electrochemical signal â€˜offâ€“onâ€™ sensing platform for microRNA detection. Analyst, The, 2012, 137, 1389.	3.5	79
29	Preparation of fluorescent graphene quantum dots from humic acid for bioimaging application. New Journal of Chemistry, 2015, 39, 7054-7059.	2.8	77
30	The genotoxic and cytotoxic effects of 1-butyl-3-methylimidazolium chloride in soil on Vicia faba seedlings. Journal of Hazardous Materials, 2015, 285, 27-36.	12.4	77
31	Acute and subchronic toxicity of pyraclostrobin in zebrafish (Danio rerio). Chemosphere, 2017, 188, 510-516.	8.2	77
32	Electrochemical behavior of bisphenol A at glassy carbon electrode modified with gold nanoparticles, silk fibroin, and PAMAM dendrimers. Mikrochimica Acta, 2010, 170, 99-105.	5.0	74
33	Ecotoxicology of strobilurin fungicides. Science of the Total Environment, 2020, 742, 140611.	8.0	74
34	Effects of the ionic liquid [Omim]PF6 on antioxidant enzyme systems, ROS and DNA damage in zebrafish (Danio rerio). Aquatic Toxicology, 2012, 124-125, 91-93.	4.0	73
35	Toxic effects of nitenpyram on antioxidant enzyme system and DNA in zebrafish (Danio rerio) livers. Ecotoxicology and Environmental Safety, 2015, 122, 54-60.	6.0	71
36	Soil types influence the characteristic of antibiotic resistance genes in greenhouse soil with long-term manure application. Journal of Hazardous Materials, 2020, 392, 122334.	12.4	71

#	Article	IF	Citations
37	Effects of the ionic liquid 1-octyl-3-methylimidazolium hexafluorophosphate on the growth of wheat seedlings. Environmental Science and Pollution Research, 2014, 21, 3936-3945.	5.3	69
38	Biodegradation of organochlorine pesticide endosulfan by bacterial strain Alcaligenes faecalis JBW4. Journal of Environmental Sciences, 2013, 25, 2257-2264.	6.1	67
39	Environmental analysis of typical antibiotic-resistant bacteria and ARGs in farmland soil chronically fertilized with chicken manure. Science of the Total Environment, 2017, 593-594, 10-17.	8.0	66
40	Oxidative stress, growth inhibition, and DNA damage in earthworms induced by the combined pollution of typical neonicotinoid insecticides and heavy metals. Science of the Total Environment, 2021, 754, 141873.	8.0	64
41	DNA damage and effects on glutathioneâ€Sâ€transferase activity induced by atrazine exposure in zebrafish (Danio rerio). Environmental Toxicology, 2011, 26, 480-488.	4.0	63
42	Electrochemical oxidation behavior of bisphenol A at surfactant/layered double hydroxide modified glassy carbon electrode and its determination. Journal of Solid State Electrochemistry, 2011, 15, 167-173.	2.5	62
43	Dibutyl phthalate induced oxidative stress and genotoxicity on adult zebrafish (Danio rerio) brain. Journal of Hazardous Materials, 2022, 424, 127749.	12.4	61
44	Field-based evidence for enrichment of antibiotic resistance genes and mobile genetic elements in manure-amended vegetable soils. Science of the Total Environment, 2019, 654, 906-913.	8.0	60
45	The acute toxic effects of imidazolium-based ionic liquids with different alkyl-chain lengths and anions on zebrafish (Danio rerio). Ecotoxicology and Environmental Safety, 2017, 140, 235-240.	6.0	59
46	Distribution characteristics of antibiotic resistant bacteria and genes in fresh and composted manures of livestock farms. Science of the Total Environment, 2019, 695, 133781.	8.0	59
47	Oxidative Stress and Genotoxicity of the Ionic Liquid 1-Octyl-3-Methylimidazolium Bromide in Zebrafish (Danio rerio). Archives of Environmental Contamination and Toxicology, 2014, 67, 261-269.	4.1	57
48	The effects of endosulfan on cytochrome P450 enzymes and glutathione S-transferases in zebrafish (Danio rerio) livers. Ecotoxicology and Environmental Safety, 2013, 92, 1-9.	6.0	55
49	Toxic effects of ionic liquid 1-octyl-3-methylimidazolium tetrafluoroborate on soil enzyme activity and soil microbial community diversity. Ecotoxicology and Environmental Safety, 2017, 135, 201-208.	6.0	55
50	Ecotoxicological effects of different size ranges of industrial-grade polyethylene and polypropylene microplastics on earthworms Eisenia fetida. Science of the Total Environment, 2021, 783, 147007.	8.0	55
51	Individual and combined effects of enrofloxacin and cadmium on soil microbial biomass and the ammonia-oxidizing functional gene. Science of the Total Environment, 2018, 624, 900-907.	8.0	51
52	Biochemical and genetic toxicity of the ionic liquid 1â€octylâ€3â€methylimidazolium chloride on earthworms (Eisenia fetida). Environmental Toxicology and Chemistry, 2016, 35, 411-418.	4.3	50
53	Evaluation of acetamiprid-induced genotoxic and oxidative responses in Eisenia fetida. Ecotoxicology and Environmental Safety, 2018, 161, 610-615.	6.0	50
54	Antibiotic resistance in agricultural soils: Source, fate, mechanism and attenuation strategy. Critical Reviews in Environmental Science and Technology, 2022, 52, 847-889.	12.8	49

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55	Photoelectrochemical biosensor for 5hmC detection based on the photocurrent inhibition effect of ZnO on MoS2/C3N4 heterojunction. Biosensors and Bioelectronics, 2019, 142, 111516.	10.1	48
56	Electrochemical oxidation determination and voltammetric behaviour of 4-nitrophenol based on Cu₂O nanoparticles modified glassy carbon electrode. International Journal of Environmental Analytical Chemistry, 2012, 92, 742-754.	3.3	47
57	Acute toxicity, oxidative stress and DNA damage of three task-specific ionic liquids ([C2NH2MIm]BF4,) Tj ETQq1 1 0.784314 rgBT /Over	8.2	47
58	Phytotoxicity of imidazolium-based ILs with different anions in soil on Vicia faba seedlings and the influence of anions on toxicity. Chemosphere, 2016, 145, 269-276.	8.2	45
59	Oxidative Damage and Genetic Toxicity Induced by DBP in Earthworms (Eisenia fetida). Archives of Environmental Contamination and Toxicology, 2018, 74, 527-538.	4.1	44
60	Toxicological effects of pyraclostrobin on the antioxidant defense system and DNA damage in earthworms (Eisenia fetida). Ecological Indicators, 2019, 101, 111-116.	6.3	44
61	Biochemical toxicity and DNA damage of imidazolium-based ionic liquid with different anions in soil on Vicia faba seedlings. Scientific Reports, 2015, 5, 18444.	3.3	42
62	Toxic effect of [Omim]BF 4 and [Omim]Br on antioxidant stress and oxidative damage in earthworms () Tj ETQq0 0 0 rgBT /Overlock 10	4.0	42
63	Sensitive voltammetric determination of rutin in pharmaceuticals, human serum, and traditional Chinese medicines using a glassy carbon electrode coated with graphene nanosheets, chitosan, and a poly(amido amine) dendrimer. Mikrochimica Acta, 2011, 173, 337-345.	5.0	41
64	Evaluating subchronic toxicity of fluoxastrobin using earthworms (Eisenia fetida). Science of the Total Environment, 2018, 642, 567-573.	8.0	41
65	Response of soil microbes after direct contact with pyraclostrobin in fluvo-aquic soil. Environmental Pollution, 2019, 255, 113164.	7.5	41
66	Toxicity Evaluation of Three Imidazolium-based ionic liquids ([C6mim]R) on Vicia faba Seedlings Using an integrated biomarker response (IBR) index. Chemosphere, 2020, 240, 124919.	8.2	41
67	Isolation and characterization of an Arthrobacter sp. strain HB-5 that transforms atrazine. Environmental Geochemistry and Health, 2011, 33, 259-266.	3.4	40
68	Enzymatic activities and microbial biomass in black soil as affected by azoxystrobin. Environmental Earth Sciences, 2015, 74, 1353-1361.	2.7	40
69	Acute toxicity, biochemical toxicity and genotoxicity caused by 1-butyl-3-methylimidazolium chloride and 1-butyl-3-methylimidazolium tetrafluoroborate in zebrafish (Danio rerio) livers. Environmental Toxicology and Pharmacology, 2017, 51, 131-137.	4.0	40
70	Acute and chronic toxic effects of fluoxastrobin on zebrafish (Danio rerio). Science of the Total Environment, 2018, 610-611, 769-775.	8.0	40
71	Using enzyme activities and soil microbial diversity to understand the effects of fluoxastrobin on microorganisms in fluvo-aquic soil. Science of the Total Environment, 2019, 666, 89-93.	8.0	40
72	Oxidative stress and genotoxicity of nitenpyram to earthworms (Eisenia foetida). Chemosphere, 2021, 264, 128493.	8.2	39

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73	Mesotrione-induced oxidative stress and DNA damage in earthworms (Eisenia fetida). Ecological Indicators, 2018, 95, 436-443.	6.3	38
74	Macrolide- and quinolone-resistant bacteria and resistance genes as indicators of antibiotic resistance gene contamination in farmland soil with manure application. Ecological Indicators, 2019, 106, 105456.	6.3	37
75	The acute toxic effects of 1-alkyl-3-methylimidazolium nitrate ionic liquids on Chlorella vulgaris and Daphnia magna. Environmental Pollution, 2017, 229, 887-895.	7.5	36
76	Characterization of a novel thermostable GH7 endoglucanase from Chaetomium thermophilum capable of xylan hydrolysis. International Journal of Biological Macromolecules, 2018, 117, 342-349.	7.5	36
77	The release and earthworm bioaccumulation of endogenous hexabromocyclododecanes (HBCDDs) from expanded polystyrene foam microparticles. Environmental Pollution, 2019, 255, 113163.	7.5	36
78	Fluoxastrobin-induced effects on acute toxicity, development toxicity, oxidative stress, and DNA damage in Danio rerio embryos. Science of the Total Environment, 2020, 715, 137069.	8.0	36
79	Assessing toxic effects of [Omim]Cl and [Omim]BF4 in zebrafish adults using a biomarker approach. Environmental Science and Pollution Research, 2016, 23, 7360-7368.	5.3	35
80	Responses of atrazine degradation and native bacterial community in soil to Arthrobacter sp. strain HB-5. Ecotoxicology and Environmental Safety, 2018, 159, 317-323.	6.0	35
81	The cytotoxic and genotoxic effects of metalaxyâ€M on earthworms (Eisenia fetida). Environmental Toxicology and Chemistry, 2014, 33, 2344-2350.	4.3	34
82	Physiological and biochemical responses of wheat (Triticum aestivum L.) seedlings to three imidazolium-based ionic liquids in soil. Chemosphere, 2018, 191, 81-88.	8.2	34
83	Toxicity of 1-alkyl-3-methyl imidazolium nitrate ionic liquids to earthworms: The effects of carbon chains of different lengths. Chemosphere, 2018, 206, 302-309.	8.2	34
84	Isolation and Characterization of Atrazine Mineralizing Bacillus subtilis Strain HB-6. PLoS ONE, 2014, 9, e107270.	2.5	33
85	The enzyme toxicity and genotoxicity of chlorpyrifos and its toxic metabolite TCP to zebrafish Danio rerio. Ecotoxicology, 2014, 23, 1858-1869.	2.4	33
86	Acute toxicity, oxidative stress and DNA damage of chlorpyrifos to earthworms (Eisenia fetida): The difference between artificial and natural soils. Chemosphere, 2020, 255, 126982.	8.2	33
87	Biochemical responses and DNA damage in earthworms (Eisenia fetida) induced by ionic liquid [omim]PF6. Environmental Science and Pollution Research, 2016, 23, 6836-6844.	5.3	32
88	Evaluation of the toxicity of 1-butyl-3-methyl imidazolium tetrafluoroborate using earthworms (Eisenia fetida) in two soils. Science of the Total Environment, 2019, 686, 946-958.	8.0	32
89	Emerging contaminant 1,3,6,8-tetrabromocarbazole induces oxidative damage and apoptosis during the embryonic development of zebrafish (Danio rerio). Science of the Total Environment, 2020, 743, 140753.	8.0	32
90	Oxidative stress and genotoxic effects in earthworms induced by five imidazolium bromide ionic liquids with different alkyl chains. Chemosphere, 2019, 227, 570-579.	8.2	31

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91	Colonization of Alcaligenes faecalis strain JBW4 in natural soils and its detoxification of endosulfan. Applied Microbiology and Biotechnology, 2014, 98, 1407-1416.	3.6	30
92	Exposed zebrafish (Danio rerio) to imidazolium-based ionic liquids with different anions and alkyl-chain lengths. Chemosphere, 2018, 203, 381-386.	8.2	30
93	Effects of interaction between enrofloxacin and copper on soil enzyme activity and evaluation of comprehensive toxicity. Chemosphere, 2021, 268, 129208.	8.2	30
94	Immobilization of an enzyme from a Fusarium fungus WZ-I for chlorpyrifos degradation. Journal of Environmental Sciences, 2010, 22, 1930-1935.	6.1	29
95	Acute Toxicity of Imidazole Nitrate Ionic Liquids with Varying Chain Lengths to Earthworms (Eisenia) Tj ETQq1 1 0.784314 rgBT /Overlock	2.7	29
96	Toxic effects of oxytetracycline and copper, separately or combined, on soil microbial biomasses. Environmental Geochemistry and Health, 2018, 40, 763-776.	3.4	29
97	Applying fungicide on earthworms: Biochemical effects of Eisenia fetida exposed to fluoxastrobin in three natural soils. Environmental Pollution, 2020, 258, 113666.	7.5	29
98	Impact of Repeated Applications of Metalaxyl on Its Dissipation and Microbial Community in Soil. Water, Air, and Soil Pollution, 2015, 226, 1.	2.4	27
99	Isolation and degradation ability of the DDT-degrading bacterial strain KK. Environmental Earth Sciences, 2011, 62, 93-99.	2.7	26
100	Separate and joint eco-toxicological effects of sulfadimidine and copper on soil microbial biomasses and ammoxidation microorganisms abundances. Chemosphere, 2019, 228, 556-564.	8.2	26
101	Dose and time-dependent response of single and combined artificial contamination of sulfamethazine and copper on soil enzymatic activities. Chemosphere, 2020, 250, 126161.	8.2	26
102	Electrochemical oxidation behavior of 2,4-dinitrophenol at hydroxylapatite film-modified glassy carbon electrode and its determination in water samples. Journal of Solid State Electrochemistry, 2012, 16, 75-82.	2.5	25
103	Remediation of Polluted Soil in China: Policy and Technology Bottlenecks. Environmental Science & Technology, 2017, 51, 14027-14029.	10.0	24
104	Evaluating toxicity of 1-octyl-3-methylimidazolium hexafluorophosphate to microorganisms in soil. Chemosphere, 2018, 210, 762-768.	8.2	23
105	Toxicity comparison of three imidazolium bromide ionic liquids to soil microorganisms. Environmental Pollution, 2019, 255, 113321.	7.5	23
106	Effects of cloransulam-methyl and diclosulam on soil nitrogen and carbon cycle-related microorganisms. Journal of Hazardous Materials, 2021, 418, 126395.	12.4	23
107	Effects of alkyl-imidazolium ionic liquid [Omim]Cl on the functional diversity of soil microbial communities. Environmental Science and Pollution Research, 2015, 22, 9059-9066.	5.3	22
108	Growth and Physiological and Biochemical Responses of Wheat Seedlings to Imidazolium-Based Ionic Liquids 1-Octyl-3-Methylimidazolium Chloride and 1-Octyl-3-Methylimidazolium Bromide. Bulletin of Environmental Contamination and Toxicology, 2016, 96, 544-549.	2.7	22

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109	Impacts of nitrogen and phosphorus on atrazine-contaminated soil remediation and detoxification by Arthrobacter sp. strain HB-5. Environmental Earth Sciences, 2014, 71, 1465-1471.	2.7	21
110	Pd nanoparticles supported on nitrogen, sulfur-doped three-dimensional hierarchical nanostructures as peroxidase-like catalysts for colorimetric detection of xanthine. RSC Advances, 2015, 5, 32183-32190.	3.6	20
111	Effects of successive metalaxyl application on soil microorganisms and the residue dynamics. Ecological Indicators, 2019, 103, 194-201.	6.3	20
112	Amperometric nitrite biosensor based on a gold electrode modified with cytochrome c on Nafion and Cu-Mg-Al layered double hydroxides. Mikrochimica Acta, 2010, 171, 385-392.	5.0	19
113	Effect of 1-methyl-3-hexylimidazolium bromide on zebrafish (Danio rerio). Chemosphere, 2018, 192, 348-353.	8.2	19
114	Electrochemical Determination of 2â€Nitrophenol in Water Samples Using Mgâ€Alâ€SDS Hydrotalciteâ€Like Clay Modified Glassy Carbon Electrode. Electroanalysis, 2010, 22, 1136-1142.	2.9	18
115	Toxicity of enrofloxacin and cadmium alone and in combination to enzymatic activities and microbial community structure in soil. Environmental Geochemistry and Health, 2019, 41, 2593-2606.	3.4	18
116	Ecotoxicity evaluation of azoxystrobin on Eisenia fetida in different soils. Environmental Research, 2021, 194, 110705.	7.5	18
117	Effects of 3,6-dichlorocarbazole on microbial ecology and its degradation in soil. Journal of Hazardous Materials, 2022, 424, 127315.	12.4	18
118	Responses of Soil Microorganisms and Enzymatic Activities to Azoxystrobin in Cambisol. Polish Journal of Environmental Studies, 2018, 27, 2775-2783.	1.2	18
119	Combined treatment of contaminated soil with a bacterial Stenotrophomonas strain DXZ9 and ryegrass (Lolium perenne) enhances DDT and DDE remediation. Environmental Science and Pollution Research, 2018, 25, 31895-31905.	5.3	16
120	Influence of isolated bacterial strains on the in situ biodegradation of endosulfan and the reduction of endosulfan- contaminated soil toxicity. Ecotoxicology and Environmental Safety, 2018, 160, 75-83.	6.0	16
121	Cultivation Ages Effect on Soil Physicochemical Properties and Heavy Metal Accumulation in Greenhouse Soils. Chinese Geographical Science, 2018, 28, 717-726.	3.0	16
122	Oxidative stress and DNA damage induced by trifloxystrobin on earthworms (Eisenia fetida) in two soils. Science of the Total Environment, 2021, 797, 149004.	8.0	16
123	Determination of Residual Concentration of Ionic Liquids with Different Anions and Alkyl-Chain Lengths in Water and Soil Samples. Analytical Chemistry, 2017, 89, 10520-10528.	6.5	15
124	Toxicity of enrofloxacin, copper and their interactions on soil microbial populations and ammonia-oxidizing archaea and bacteria. Scientific Reports, 2018, 8, 5828.	3.3	15
125	Effects of pyroxsulam on soil enzyme activity, nitrogen and carbon cycle-related gene expression, and bacterial community structure. Journal of Cleaner Production, 2022, 355, 131821.	9.3	15
126	Effects of 1-octyl-3-methylimidazolium nitrate on the microbes in brown soil. Journal of Environmental Sciences, 2018, 67, 249-259.	6.1	14

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127	Toxicity evaluation of pyraclostrobin exposure in farmland soils and co-exposure with nZnO to Eisenia fetida. Journal of Hazardous Materials, 2022, 433, 128794.	12.4	14
128	Electrochemical oxidation behavior of guanosine-5Â´-monophosphate on a glassy carbon electrode modified with a composite film of graphene and multi-walled carbon nanotubes, and its amperometric determination. Mikrochimica Acta, 2011, 172, 343-349.	5.0	13
129	Determination aminopyrine in pharmaceutical formulations based on APTS-Fe3O4 nanoparticles modified glassy carbon electrode. Journal of Solid State Electrochemistry, 2012, 16, 731-738.	2.5	13
130	Effects of Endosulfan on the Populations of Cultivable Microorganisms and the Diversity of Bacterial Community Structure in Brunisolic Soil. Water, Air, and Soil Pollution, 2017, 228, 1.	2.4	13
131	Chronic Toxicological Effects of Carbamazepine on Daphnia magna Straus: Effects on Reproduction Traits, Body Length, and Intrinsic Growth. Bulletin of Environmental Contamination and Toxicology, 2019, 103, 723-728.	2.7	13
132	Responses of Microbial Community to Di-(2-ethylhcxyl) Phthalate Contamination in Brown Soil. Bulletin of Environmental Contamination and Toxicology, 2020, 104, 820-827.	2.7	13
133	Mechanism for biodegradation of sulfamethazine by Bacillus cereus H38. Science of the Total Environment, 2022, 809, 152237.	8.0	13
134	Enhancement of Atrazine Removal by Free and ImmobilizedArthrobacterSp. HB-5 in Soil and Wastewater. Soil and Sediment Contamination, 2011, 20, 87-97.	1.9	12
135	Enhancement of atrazine degradation by crude and immobilized enzymes in two agricultural soils. Environmental Earth Sciences, 2011, 64, 861-867.	2.7	11
136	Estimation of the Oxidative Stress and Molecular Damage Caused by 1â€Butylâ€3â€Methylimidazolium Bromide Ionic Liquid in Zebrafish Livers. Journal of Biochemical and Molecular Toxicology, 2016, 30, 232-238.	3.0	11
137	Comparison of the toxic effects of non-task-specific and task-specific ionic liquids on zebrafish. Chemosphere, 2022, 294, 133643.	8.2	11
138	Biological responses of Vicia faba seedlings to the imidazolium-based ionic liquid 1-hexyl-3-methylimidazolium chloride in soil. Environmental Toxicology and Chemistry, 2016, 35, 1502-1510.	4.3	9
139	Biodegradation of Endosulfan by Bacterial Strain Alcaligenes faecalis JBW4 in Argi-Udic Ferrosols and Hapli-Udic Isohumosols. Water, Air, and Soil Pollution, 2016, 227, 1.	2.4	9
140	Assessing the influence of 1-dodecyl-3-methylimidazolium chloride on soil characteristics and Vicia faba seedlings. Ecotoxicology and Environmental Safety, 2018, 152, 114-120.	6.0	8
141	Effects of 1-Alkyl-3-Methylimidazolium Nitrate on Soil Physical and Chemical Properties and Microbial Biomass. Archives of Environmental Contamination and Toxicology, 2018, 74, 577-586.	4.1	8
142	Growth Inhibiting Effects of Four Antibiotics on Cucumber, Rape and Chinese Cabbage. Bulletin of Environmental Contamination and Toxicology, 2019, 103, 187-192.	2.7	8
143	Distribution of quinolone and macrolide resistance genes and their co-occurrence with heavy metal resistance genes in vegetable soils with long-term application of manure. Environmental Geochemistry and Health, 2022, 44, 3343-3358.	3.4	7
144	Effect of fomesafen on glutathione S-transferase and cellulase activity and DNA damage in the earthworm (Eisenia fetida). Toxicological and Environmental Chemistry, 2014, 96, 1384-1393.	1.2	4

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145	Biodegradation of DDE and DDT by Bacterial Strain Stenotrophomonas sp. DXZ9. , 2017, 07, .		4
146	New Residue Analysis Method for Four Task-Specific Ionic Liquids in Water, Soil and Plants. Bulletin of Environmental Contamination and Toxicology, 2022, 109, 338-343.	2.7	4
147	Effect of sulfamethazine on the horizontal transfer of plasmid-mediated antibiotic resistance genes and its mechanism of action. Journal of Environmental Sciences, 2023, 127, 399-409.	6.1	4
148	Effects of 3,6-Dibromocarbazole on Soil Healthâ€"Based on Soil Enzymes and the Biolog-ECO Test. Water, Air, and Soil Pollution, 2022, 233, .	2.4	3
149	New Insights into Dose- and Time-Dependent Response of Five Typical PPCPs on Soil Microbial Respiration. Bulletin of Environmental Contamination and Toxicology, 2019, 103, 193-198.	2.7	2
150	Toxicity evaluation of chlorpyrifos and its main metabolite 3,5,6-trichloro-2-pyridinol (TCP) to Eisenia fetida in different soils. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2022, 259, 109394.	2.6	1
151	Terrestrial Toxicity of Ionic Liquids. , 2019, , 1-6.		0