Xiangliang Pan

List of Publications by Year in Descending Order

138 papers	3,703 citations	32 h-index	54 g-index
143 ext. papers	5,049 ext. citations	8 avg, IF	6.21 L-index

#	Paper	IF	Citations
138	Response to the comments on "Environmental behaviors of microplastics in aquatic systems: A systematic review on degradation, adsorption, toxicity and biofilm under aging conditions".. *Journal of Hazardous Materials*, **2022**, 430, 128344	12.8	0
137	Insights into capture-inactivation/oxidation of antibiotic resistance bacteria and cell-free antibiotic resistance genes from waters using flexibly-functionalized microbubbles.. *Journal of Hazardous Materials*, **2022**, 428, 128249	12.8	1
136	Effects of photo-irradiation on mercury binding to dissolved organic matter: Insights from FT-IR and synchronous fluorescence two-dimensional correlation spectroscopy. *Chemosphere*, **2022**, 287, 132027	8.4	4
135	Environmental behaviors of microplastics in aquatic systems: A systematic review on degradation, adsorption, toxicity and biofilm under aging conditions. *Journal of Hazardous Materials*, **2022**, 423, 126915	12.8	24
134	Characteristics and distribution of microplastics in shoreline sediments of the Yangtze River, main tributaries and lakes in China-From upper reaches to the estuary.. *Environmental Science and Pollution Research*, **2022**, 1	5.1	1
133	Transport of mercury in a regulated high-sediment river and its input to marginal seas.. *Water Research*, **2022**, 214, 118211	12.5	2
132	Binding of methylmercury to humic acids (HA): Influence of solar radiation and sulfide addition reaction of HA.. *Science of the Total Environment*, **2022**, 154356	10.2	0
131	Morphologically-different cells and colonies cause distinctive performance of coagulative colloidal ozone microbubbles in simultaneously removing bloom-forming cyanobacteria and microcystin-LR.. *Journal of Hazardous Materials*, **2022**, 435, 128986	12.8	
130	Fenton micro-reactor on a bubble: A novel microbubble-triggered simultaneous capture and catalytic oxidation strategy for recalcitrant organic pollutant removal.. *Science of the Total Environment*, **2022**, 835, 155556	10.2	0
129	Transfer of Micro(nano)plastics in animals: A mini-review and future research recommendation. *Journal of Hazardous Materials Advances*, **2022**, 100101		1
128	Accumulation of microplastics in tadpoles from different functional zones in Hangzhou Great Bay Area, China: Relation to growth stage and feeding habits. *Journal of Hazardous Materials*, **2021**, 424, 127665	12.8	5
127	Functional hydrogel for fast, precise and inhibition-free point-of-care bacteria analysis in crude food samples. *Biomaterials*, **2021**, 280, 121278	15.6	1
126	FT-IR and synchronous fluorescence two-dimensional correlation spectroscopic analysis on the binding properties of mercury onto humic acids as influenced by pH modification and sulfide addition. *Science of the Total Environment*, **2021**, 152047	10.2	2
125	Potential of ozone micro-bombs in simultaneously fast removing bloom-forming cyanobacteria and in situ degrading microcystins. *Chemical Engineering Journal*, **2021**, 407, 127186	14.7	7
124	Effectively reducing antibiotic contamination and resistance in fishery by efficient gastrointestine-blood delivering dietary millispheres. *Journal of Hazardous Materials*, **2021**, 409, 125012	12.8	4
123	Nanoporous hydrogel for direct digital nucleic acid amplification in untreated complex matrices for single bacteria counting. *Biosensors and Bioelectronics*, **2021**, 184, 113199	11.8	11
122	Effects of advanced oxidation processes on leachates and properties of microplastics. *Journal of Hazardous Materials*, **2021**, 413, 125342	12.8	13

121	Application of iron-based materials in heterogeneous advanced oxidation processes for wastewater treatment: A review. *Chemical Engineering Journal*, **2021**, 407, 127191	14.7	70
120	Removal of micron-scale microplastic particles from different waters with efficient tool of surface-functionalized microbubbles. *Journal of Hazardous Materials*, **2021**, 404, 124095	12.8	19
119	Photocatalytic aging process of Nano-TiO coated polypropylene microplastics: Combining atomic force microscopy and infrared spectroscopy (AFM-IR) for nanoscale chemical characterization. *Journal of Hazardous Materials*, **2021**, 404, 124159	12.8	17
118	Mitigation of soil salinization and alkalization by bacterium-induced inhibition of evaporation and salt crystallization. *Science of the Total Environment*, **2021**, 755, 142511	10.2	7
117	Distinct fungal plastisphere across different river functional zones: A watershed scale study. *Science of the Total Environment*, **2021**, 752, 141879	10.2	6
116	An AFM-IR study on surface properties of nano-TiO coated polyethylene (PE) thin film as influenced by photocatalytic aging process. *Science of the Total Environment*, **2021**, 757, 143900	10.2	7
115	Microplastics generated under simulated fire scenarios: Characteristics, antimony leaching, and toxicity. *Environmental Pollution*, **2021**, 269, 115905	9.3	13
114	Abiotic mechanism changing tetracycline resistance in root mucus layer of floating plant: The role of antibiotic-exudate complexation. *Journal of Hazardous Materials*, **2021**, 416, 125728	12.8	0
113	Fe(III) greatly promotes peroxymonosulfate activation by WS2 for efficient carbamazepine degradation and Escherichia coli disinfection. *Science of the Total Environment*, **2021**, 787, 147724	10.2	8
112	Long-term effects of four environment-related iron minerals on microbial anaerobic oxidation of methane in paddy soil: A previously overlooked role of widespread goethite. *Soil Biology and Biochemistry*, **2021**, 161, 108387	7.5	2
111	Activation of peroxymonosulfate by iron oxychloride with hydroxylamine for ciprofloxacin degradation and bacterial disinfection. *Science of the Total Environment*, **2021**, 799, 149506	10.2	5
110	Rapid removal of organic micropollutants by heterogeneous peroxymonosulfate catalysis over a wide pH range: Performance, mechanism and economic analysis. *Separation and Purification Technology*, **2020**, 248, 117023	8.3	21
109	Weathering alters surface characteristic of TiO-pigmented microplastics and particle size distribution of TiO released into water. *Science of the Total Environment*, **2020**, 729, 139083	10.2	15
108	Enhanced decomposition of HO by molybdenum disulfide in a Fenton-like process for abatement of organic micropollutants. *Science of the Total Environment*, **2020**, 732, 139335	10.2	30
107	Increased inheritance of structure and function of bacterial communities and pathogen propagation in plastisphere along a river with increasing antibiotics pollution gradient. *Environmental Pollution*, **2020**, 265, 114641	9.3	27
106	Applications of nanozymes in the environment. *Environmental Science: Nano*, **2020**, 7, 1305-1318	7.1	42
105	Photochemical behaviors of mercury (Hg) species in aquatic systems: A systematic review on reaction process, mechanism, and influencing factor. *Science of the Total Environment*, **2020**, 720, 137540	10.2	18
104	Enantioselective effects of imazethapyr on Arabidopsis thaliana root exudates and rhizosphere microbes. *Science of the Total Environment*, **2020**, 716, 137121	10.2	19

103	What occurs in colloidal gas aphron-induced separation of titanium dioxide nanoparticles? Particle fate analysis by tracking technologies. *Science of the Total Environment*, **2020**, 716, 137104	10.2	3
102	Lability-specific enrichment of typical engineered metal (oxide) nanoparticles by surface-functionalized microbubbles from waters. *Science of the Total Environment*, **2020**, 719, 137526	10.2	3
101	Aging of microplastics affects their surface properties, thermal decomposition, additives leaching and interactions in simulated fluids. *Science of the Total Environment*, **2020**, 714, 136862	10.2	73
100	Enhanced performance of tetracycline treatment in wastewater using aerobic granular sludge with in-situ generated biogenic manganese oxides. *Science of the Total Environment*, **2020**, 735, 139533	10.2	16
99	Effects of accelerated aging on characteristics, leaching, and toxicity of commercial lead chromate pigmented microplastics. *Environmental Pollution*, **2020**, 257, 113475	9.3	69
98	Selectively enrichment of antibiotics and ARGs by microplastics in river, estuary and marine waters. *Science of the Total Environment*, **2020**, 708, 134594	10.2	68
97	Recent advances in municipal landfill leachate: A review focusing on its characteristics, treatment, and toxicity assessment. *Science of the Total Environment*, **2020**, 703, 135468	10.2	163
96	Insights into the transcriptional responses of a microbial community to silver nanoparticles in a freshwater microcosm. *Environmental Pollution*, **2020**, 258, 113727	9.3	22
95	Complex effects of pH and organic shocks on arsenic oxidation and removal by manganese-oxidizing aerobic granular sludge in sequencing batch reactors. *Chemosphere*, **2020**, 260, 127621	8.4	5
94	Microplastics in agricultural soils: Extraction and characterization after different periods of polythene film mulching in an arid region. *Science of the Total Environment*, **2020**, 749, 141420	10.2	41
93	Inhibitory effects of polystyrene microplastics on caudal fin regeneration in zebrafish larvae. *Environmental Pollution*, **2020**, 266, 114664	9.3	11
92	Nanoscale infrared, thermal and mechanical properties of aged microplastics revealed by an atomic force microscopy coupled with infrared spectroscopy (AFM-IR) technique. *Science of the Total Environment*, **2020**, 744, 140944	10.2	16
91	Synergistic activation of peroxymonosulfate and persulfate by ferrous ion and molybdenum disulfide for pollutant degradation: Theoretical and experimental studies. *Chemosphere*, **2020**, 240, 124979	8.4	41
90	Impact of salinity on colloidal ozone aphrons in removing phenanthrene from sediments. *Journal of Hazardous Materials*, **2020**, 384, 121436	12.8	5
89	Simultaneous removal of As(III) and Cu(II) from real bottom ash leachates by manganese-oxidizing aerobic granular sludge: Performance and mechanisms. *Science of the Total Environment*, **2020**, 700, 134510	10.2	6
88	Effective stabilization of arsenic in contaminated soils with biogenic manganese oxide (BMO) materials. *Environmental Pollution*, **2020**, 258, 113481	9.3	23
87	Enantioselective effects of imazethapyr residues on Arabidopsis thaliana metabolic profile and phyllosphere microbial communities. *Journal of Environmental Sciences*, **2020**, 93, 57-65	6.4	10
86	Detection of engineered nanoparticles in aquatic environments: current status and challenges in enrichment, separation, and analysis. *Environmental Science: Nano*, **2019**, 6, 709-735	7.1	55

85	Ozone-encapsulated colloidal gas aphrons for in situ and targeting remediation of phenanthrene-contaminated sediment-aquifer. *Water Research*, **2019**, 160, 29-38	12.5	16
84	Efficient elimination and re-growth inhibition of harmful bloom-forming cyanobacteria using surface-functionalized microbubbles. *Water Research*, **2019**, 161, 473-485	12.5	14
83	Leaching behavior of fluorescent additives from microplastics and the toxicity of leachate to Chlorella vulgaris. *Science of the Total Environment*, **2019**, 678, 1-9	10.2	97
82	Effects of imazethapyr spraying on plant growth and leaf surface microbial communities in Arabidopsis thaliana. *Journal of Environmental Sciences*, **2019**, 85, 35-45	6.4	11
81	The kinetics, thermodynamics and mineral crystallography of CaCO precipitation by dissolved organic matter and salinity. *Science of the Total Environment*, **2019**, 673, 546-552	10.2	8
80	Hydroxylamine-facilitated degradation of rhodamine B (RhB) and p-nitrophenol (PNP) as catalyzed by Fe@Fe2O3 core-shell nanowires. *Journal of Molecular Liquids*, **2019**, 282, 13-22	6	26
79	Immobilization of elemental mercury by biogenic Se nanoparticles in soils of varying salinity. *Science of the Total Environment*, **2019**, 668, 303-309	10.2	11
78	Multiple-pathway arsenic oxidation and removal from wastewater by a novel manganese-oxidizing aerobic granular sludge. *Water Research*, **2019**, 157, 83-93	12.5	32
77	Ca complexation of dissolved organic matter in arid inland lakes is significantly affected by drastic seasonal change of salinity. *Science of the Total Environment*, **2019**, 663, 479-485	10.2	5
76	Transport and retention of biogenic selenium nanoparticles in biofilm-coated quartz sand porous media and consequence for elemental mercury immobilization. *Science of the Total Environment*, **2019**, 692, 1116-1124	10.2	15
75	Comparison of coagulative colloidal microbubbles with monomeric and polymeric inorganic coagulants for tertiary treatment of distillery wastewater. *Science of the Total Environment*, **2019**, 694, 133649	10.2	9
74	Metal oxyanion removal from wastewater using manganese-oxidizing aerobic granular sludge. *Chemosphere*, **2019**, 236, 124353	8.4	13
73	Cultivation of a versatile manganese-oxidizing aerobic granular sludge for removal of organic micropollutants from wastewater. *Science of the Total Environment*, **2019**, 690, 417-425	10.2	15
72	Methane emissions from aqueous sediments are influenced by complex interactions among microbes and environmental factors: A modeling study. *Water Research*, **2019**, 166, 115086	12.5	4
71	Suppression of coal dust by microbially induced carbonate precipitation usingStaphylococcus succinus. *Environmental Science and Pollution Research*, **2019**, 26, 35968-35977	5.1	15
70	Removal of bacteriophage f2 in water by Fe/Ni nanoparticles: Optimization of Fe/Ni ratio and influencing factors. *Science of the Total Environment*, **2019**, 649, 995-1003	10.2	12
69	Soil dissolved organic matter affects mercury immobilization by biogenic selenium nanoparticles. *Science of the Total Environment*, **2019**, 658, 8-15	10.2	17
68	Fabricating biogenic Fe(III) flocs from municipal sewage sludge using NAFO processes: Characterization and arsenic removal ability. *Journal of Environmental Management*, **2019**, 231, 268-274	7.9	10

67	Heteroaggregation of soil particulate organic matter and biogenic selenium nanoparticles for remediation of elemental mercury contamination. *Chemosphere*, **2019**, 221, 486-492	8.4	12
66	Simultaneous remediation of As(III) and dibutyl phthalate (DBP) in soil by a manganese-oxidizing bacterium and its mechanisms. *Chemosphere*, **2019**, 220, 837-844	8.4	18
65	Effects of 17□ethinylestradiol on caudal fin regeneration in zebrafish larvae. *Science of the Total Environment*, **2019**, 653, 10-22	10.2	8
64	Effects of different concentrations of Microcystis aeruginosa on the intestinal microbiota and immunity of zebrafish (Danio rerio). *Chemosphere*, **2019**, 214, 579-586	8.4	18
63	Responses of unicellular alga Chlorella pyrenoidosa to allelochemical linoleic acid. *Science of the Total Environment*, **2018**, 625, 1415-1422	10.2	34
62	A survey of uranium levels in urine and hair of people living in a coal mining area in Yili, Xinjiang, China. *Journal of Environmental Radioactivity*, **2018**, 189, 168-174	2.4	18
61	Differences in Sb(V) and As(V) adsorption onto a poorly crystalline phyllomanganate (□MnO2): Adsorption kinetics, isotherms, and mechanisms. *Chemical Engineering Research and Design*, **2018**, 113, 40-47	5.5	36
60	Interactions between biogenic selenium nanoparticles and goethite colloids and consequence for remediation of elemental mercury contaminated groundwater. *Science of the Total Environment*, **2018**, 613-614, 672-678	10.2	27
59	Multiple-pathway remediation of mercury contamination by a versatile selenite-reducing bacterium. *Science of the Total Environment*, **2018**, 615, 615-623	10.2	24
58	Microbiological and environmental significance of metal-dependent anaerobic oxidation of methane. *Science of the Total Environment*, **2018**, 610-611, 759-768	10.2	71
57	Optimization of methane-dependent oxygenic denitrification in sequencing batch reactors by insights into the microbial interactions. *Science of the Total Environment*, **2018**, 643, 623-631	10.2	3
56	Adsorption capacities of poorly crystalline Fe minerals for antimonate and arsenate removal from water: adsorption properties and effects of environmental and chemical conditions. *Clean Technologies and Environmental Policy*, **2018**, 20, 2169-2179	4.3	4
55	Stabilizing interaction of exopolymers with nano-Se and impact on mercury immobilization in soil and groundwater. *Environmental Science: Nano*, **2018**, 5, 456-466	7.1	19
54	Oxygenic denitrification for nitrogen removal with less greenhouse gas emissions: Microbiology and potential applications. *Science of the Total Environment*, **2018**, 621, 453-464	10.2	26
53	The combined toxicity effect of nanoplastics and glyphosate on Microcystis aeruginosa growth. *Environmental Pollution*, **2018**, 243, 1106-1112	9.3	132
52	Bio-transformation and stabilization of arsenic (As) in contaminated soil using arsenic oxidizing bacteria and FeCl amendment. *3 Biotech*, **2017**, 7, 50	2.8	11
51	Effect of Nitrite on the Formation of Trichloronitromethane (TCNM) During Chlorination of Polyhydroxy-Phenols and Sugars. *Water, Air, and Soil Pollution*, **2017**, 228, 1	2.6	3
50	Aerobic and anaerobic biosynthesis of nano-selenium for remediation of mercury contaminated soil. *Chemosphere*, **2017**, 170, 266-273	8.4	67

49	Photo-flocculation of microbial mat extracellular polymeric substances and their transformation into transparent exopolymer particles: Chemical and spectroscopic evidences. *Scientific Reports*, **2017**, 7, 9074	4.9	23
48	Spatial Variability of Cyanobacteria and Heterotrophic Bacteria in Lake Taihu (China). *Bulletin of Environmental Contamination and Toxicology*, **2017**, 99, 380-384	2.7	12
47	A microscopic and spectroscopic study of rapid antimonite sequestration by a poorly crystalline phyllomanganate: differences from passivated arsenite oxidation. *RSC Advances*, **2017**, 7, 38377-38386	3.7	14
46	Uranium Bioreduction and Biomineralization. *Advances in Applied Microbiology*, **2017**, 101, 137-168	4.9	24
45	Effects of pH Shock on Hg(II) Complexation by Exopolymers from Acidithiobacillus ferrooxidans. *Geomicrobiology Journal*, **2016**, 33, 325-331	2.5	5
44	Role of Acinetobacter sp. in arsenite As(III) oxidation and reducing its mobility in soil. *Chemistry and Ecology*, **2016**, 32, 460-471	2.3	9
43	Bioremediation of Nitrate- and Arsenic-Contaminated Groundwater Using Nitrate-Dependent Fe(II) Oxidizing Clostridium sp. Strain pxl2. *Geomicrobiology Journal*, **2016**, 33, 185-193	2.5	26
42	Effects of pH and Salinity on Adsorption of Hypersaline Photosynthetic Microbial Mat Exopolymers to Goethite: A Study Using a Quartz Crystal Microbalance and Fluorescence Spectroscopy. *Geomicrobiology Journal*, **2016**, 33, 332-337	2.5	3
41	Biostabilization of Desert Sands Using Bacterially Induced Calcite Precipitation. *Geomicrobiology Journal*, **2016**, 33, 243-249	2.5	22
40	Bioimmobilization of Heavy Metals in Acidic Copper Mine Tailings Soil. *Geomicrobiology Journal*, **2016**, 33, 261-266	2.5	40
39	Biomineralization, Bioremediation and Biorecovery of Toxic Metals and Radionuclides. *Geomicrobiology Journal*, **2016**, 33, 175-178	2.5	29
38	Microbially-induced Carbonate Precipitation for Immobilization of Toxic Metals. *Advances in Applied Microbiology*, **2016**, 94, 79-108	4.9	102
37	Effects of salinity and (an)ions on arsenic behavior in sediment of Bosten Lake, Northwest China. *Environmental Earth Sciences*, **2015**, 73, 4707-4716	2.9	14
36	Simultaneous removal of tetracycline hydrochloride and As(III) using poorly-crystalline manganese dioxide. *Chemosphere*, **2015**, 136, 102-10	8.4	39
35	Effects of irradiation and pH on fluorescence properties and flocculation of extracellular polymeric substances from the cyanobacterium Chroococcus minutus. *Colloids and Surfaces B: Biointerfaces*, **2015**, 128, 115-118	6	18
34	Bioreduction of Hexavalent Chromium from Soil Column Leachate by Pseudomonas stutzeri. *Bioremediation Journal*, **2015**, 19, 249-258	2.3	8
33	Analysis of the Proteome of the Marine Diatom Phaeodactylum tricornutum Exposed to Aluminum Providing Insights into Aluminum Toxicity Mechanisms. *Environmental Science & Technology*, **2015**, 49, 11182-90	10.3	32
32	Extracellular polymeric substances buffer against the biocidal effect of H2O2 on the bloom-forming cyanobacterium Microcystis aeruginosa. *Water Research*, **2015**, 69, 51-58	12.5	70

31	Multiple metal-resistant bacteria and fungi from acidic copper mine tailings of Xinjiang, China. *Environmental Earth Sciences*, **2015**, 74, 3113-3121	2.9	22
30	Effect of exopolymers on oxidative dissolution of natural rhodochrosite by Pseudomonas putida strain MnB1: An electrochemical study. *Applied Geochemistry*, **2015**, 59, 95-103	3.5	6
29	Influence of ofloxacin on photosystems I and II activities of Microcystis aeruginosa and the potential role of cyclic electron flow. *Journal of Bioscience and Bioengineering*, **2015**, 119, 159-64	3.3	29
28	Biosorption of Hg(II) onto goethite with extracellular polymeric substances. *Bioresource Technology* , **2014**, 160, 119-22	11	14
27	Aerobic granulation of aggregating consortium X9 isolated from aerobic granules and role of cyclic di-GMP. *Bioresource Technology*, **2014**, 152, 557-61	11	33
26	Herbicidal effects of harmaline from Peganum harmala on photosynthesis of Chlorella pyrenoidosa: probed by chlorophyll fluorescence and thermoluminescence. *Pesticide Biochemistry and Physiology* , **2014**, 115, 23-31	4.9	8
25	Anaerobic Nitrate-Dependent Iron (II) Oxidation by a Novel Autotrophic Bacterium, Citrobacter freundii Strain PXL1. *Geomicrobiology Journal*, **2014**, 31, 138-144	2.5	48
24	Interaction of dissolved organic matter with Hg(II) along salinity gradient in Boston Lake. *Geochemistry International*, **2014**, 52, 1072-1077	0.8	6
23	Continuous volatile fatty acid production from waste activated sludge hydrolyzed at pH 12. *Bioresource Technology*, **2014**, 168, 173-9	11	37
22	Microscopic morphology and elemental composition of size distributed atmospheric particulate matter in Urumqi, China. *Environmental Earth Sciences*, **2013**, 69, 2139-2150	2.9	10
21	A system dynamics approach for water resources policy analysis in arid land: a model for Manas River Basin. *Journal of Arid Land*, **2013**, 5, 118-131	2.2	26
20	A Dynamic Model for Vulnerability Assessment of Regional Water Resources in Arid Areas: A Case Study of Bayingolin, China. *Water Resources Management*, **2013**, 27, 3085-3101	3.7	86
19	Removal of antimony (Sb(V)) from Sb mine drainage: biological sulfate reduction and sulfide oxidation-precipitation. *Bioresource Technology*, **2013**, 146, 799-802	11	70
18	Disintegration of aerobic granules: role of second messenger cyclic di-GMP. *Bioresource Technology*, **2013**, 146, 330-335	11	76
17	Root exudates from sunflower (Helianthus annuus L.) show a strong adsorption ability toward Cd(II). *Journal of Plant Interactions*, **2013**, 8, 263-270	3.8	13
16	Biomineralization based remediation of As(III) contaminated soil by Sporosarcina ginsengisoli. *Journal of Hazardous Materials*, **2012**, 201-202, 178-84	12.8	206
15	Effects of heat treatment on fluorescence properties of humic substances from sandy soil in arid land and their Hg(II) binding behaviors. *Environmental Earth Sciences*, **2012**, 66, 2273-2279	2.9	7
14	Biosorption of Cu(II) to extracellular polymeric substances (EPS) from Synechoeystis sp.: a fluorescence quenching study. *Frontiers of Environmental Science and Engineering*, **2012**, 6, 493-497	5.8	15

13	Effects of Sb(V) on growth and chlorophyll fluorescence of Microcystis aeruginosa (FACHB-905). *Current Microbiology*, **2012**, 65, 733-41	2.4	9
12	Lead Complexation of Soluble and Bound Extracellular Polymeric Substances from Activated Sludge: Characterized with Fluorescence Spectroscopy and Ftir Spectroscopy. *Biotechnology and Biotechnological Equipment*, **2012**, 26, 3371-3377	1.6	10
11	Lead complexation behaviour of root exudates of salt marsh plant Salicornia europaea L. *Chemical Speciation and Bioavailability*, **2012**, 24, 60-63		12
10	Cu(II) complexation of high molecular weight (HMW) fluorescent substances in root exudates from a wetland halophyte (Salicornia europaea L.). *Journal of Bioscience and Bioengineering*, **2011**, 111, 193-7	3.3	15
9	Antimony Accumulation, Growth Performance, Antioxidant Defense System and Photosynthesis of Zea mays in Response to Antimony Pollution in Soil. *Water, Air, and Soil Pollution*, **2011**, 215, 517-523	2.6	72
8	Remediation of copper-contaminated soil by Kocuria flava CR1, based on microbially induced calcite precipitation. *Ecological Engineering*, **2011**, 37, 1601-1605	3.9	148
7	Earthworms (Eisenia foetida, Savigny) mucus as complexing ligand for imidacloprid. *Biology and Fertility of Soils*, **2010**, 46, 845-850	6.1	22
6	Toxic effects of antimony on photosystem II of Synechocystis sp. as probed by in vivo chlorophyll fluorescence. *Journal of Applied Phycology*, **2010**, 22, 479-488	3.2	55
5	Binding of dicamba to soluble and bound extracellular polymeric substances (EPS) from aerobic activated sludge: a fluorescence quenching study. *Journal of Colloid and Interface Science*, **2010**, 345, 442-7	9.3	66
4	Binding of phenanthrene to extracellular polymeric substances (EPS) from aerobic activated sludge: a fluorescence study. *Colloids and Surfaces B: Biointerfaces*, **2010**, 80, 103-6	6	67
3	EFFECT OF CHROMIUM(VI) ON PHOTOSYSTEM II ACTIVITY AND HETEROGENEITY OF SYNECHOCYSTIS SP. (CYANOPHYTA): STUDIED WITH IN VIVO CHLOROPHYLL FLUORESCENCE TESTS(1). *Journal of Phycology*, **2009**, 45, 386-94	3	14
2	Effects of levofloxacin hydrochloride on photosystem II activity and heterogeneity of Synechocystis sp. *Chemosphere*, **2009**, 77, 413-8	8.4	32
1	Toxic effects of amoxicillin on the photosystem II of Synechocystis sp. characterized by a variety of in vivo chlorophyll fluorescence tests. *Aquatic Toxicology*, **2008**, 89, 207-13	5.1	85