Jinren Ni

List of Publications by Year
in descending order

184 papers	12,528 citations	19608 61 h-index	29081 104 g-index
186 all docs	186 docs citations	186 times ranked	11623 citing authors

#	Article	IF	Citations
1	Aggregate exposure pathways for microplastics (mpAEP): An evidence-based framework to identify research and regulatory needs. Water Research, 2022, 209, 117873.	5.3	5
2	Distinct community assembly processes underlie significant spatiotemporal dynamics of abundant and rare bacterioplankton in the Yangtze River. Frontiers of Environmental Science and Engineering, 2022, 16, 1.	3.3	14
3	Genome-centric metagenomics provides new insights into the microbial community and metabolic potential of landfill leachate microbiota. Science of the Total Environment, 2022, 816, 151635.	3.9	7
4	Unveil the role of dissolved and sedimentary metal(loid)s on bacterial communities and metal resistance genes (MRGs) in an urban river of the Qinghai-Tibet Plateau. Water Research, 2022, 211, 118050.	5.3	22
5	Electrochemical elimination of Microcystis aeruginosa with boron-doped diamond anode in different electrolyte systems: chemical and biological mechanisms. Environmental Science and Pollution Research, 2022, 29, 27677.	2.7	0
6	Three Gorges Dam: friend or foe of riverine greenhouse gases?. National Science Review, 2022, 9, .	4.6	27
7	Application of Titanate Nanotubes for Photocatalytic Decontamination in Water: Challenges and Prospects. ACS ES&T Engineering, 2022, 2, 1015-1038.	3.7	24
8	Different spatiotemporal dynamics, ecological drivers and assembly processes of bacterial, archaeal and fungal communities in brackish-saline groundwater. Water Research, 2022, 214, 118193.	5.3	15
9	Unexpectedly minor nitrous oxide emissions from fluvial networks draining permafrost catchments of the East Qinghai-Tibet Plateau. Nature Communications, 2022, 13, 950.	5.8	15
10	Rare biosphere regulates the planktonic and sedimentary bacteria by disparate ecological processes in a large source water reservoir. Water Research, 2022, 216, 118296.	5.3	25
11	Pharmaceuticals and personal care products (PPCPs) in water, sediment and freshwater mollusks of the Dongting Lake downstream the Three Gorges Dam. Chemosphere, 2022, 301, 134721.	4.2	24
12	Imbalance of global nutrient cycles exacerbated by the greater retention of phosphorus over nitrogen in lakes. Nature Geoscience, 2022, 15, 464-468.	5.4	35
13	Differences in quinone redox system of humic substances between endemic and disease-free areas in Kashinâ€“Beck disease-affected Changdu Region, Tibet, China. Environmental Geochemistry and Health, 2021, 43, 3133-3149.	1.8	4
14	Flagella and Their Properties Affect the Transport and Deposition Behaviors of Escherichia coli in Quartz Sand. Environmental Science & Technology, 2021, 55, 4964-4973.	4.6	26
15	In-situ expressions of comammox Nitrospira along the Yangtze River. Water Research, 2021, 200, 117241.	5.3	18
16	Hydrochemistry and nutrients determined the distribution of greenhouse gases in saline groundwater. Environmental Pollution, 2021, 286, 117383.	3.7	14
17	Response of microbial nitrogen transformation processes to antibiotic stress in a drinking water reservoir. Science of the Total Environment, 2021, 797, 149119.	3.9	27
18	Interpretation of high perchlorate generated during electrochemical disinfection in presence of chloride at BDD anodes. Chemosphere, 2021, 284, 131418.	4.2	9

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19	Global syndromes induced by changes in solutes of the worldâ€™s large rivers. Nature Communications, 2021, 12, 5940.	5.8	17
20	Bacterial communities in cascade reservoirs along a large river. Limnology and Oceanography, 2021, 66, 4363-4374.	1.6	17
21	Global trends in water and sediment fluxes of the worldâ€™s large rivers. Science Bulletin, 2020, 65, 62-69.	4.3	156
22	Comparison of the yields of mono-, Di- and tri-chlorinated HAAs and THMs in chlorination and chloramination based on experimental and quantum-chemical data. Water Research, 2020, 169, 115100.	5.3	17
23	Interpreting main features of the differential absorbance spectra of chlorinated natural organic matter: Comparison of the experimental and theoretical spectra of model compounds. Water Research, 2020, 185, 116206.	5.3	9
24	Enrichment of antibiotics in an inland lake water. Environmental Research, 2020, 190, 110029.	3.7	20
25	Comammox Nitrospira within the Yangtze River continuum: community, biogeography, and ecological drivers. ISME Journal, 2020, 14, 2488-2504.	4.4	106
26	Sustainability of global Golden Inland Waterways. Nature Communications, 2020, 11, 1553.	5.8	22
27	Metagenomic insights into the profile of antibiotic resistomes in a large drinking water reservoir. Environment International, 2020, 136, 105449.	4.8	65
28	River dam impacts on biogeochemical cycling. Nature Reviews Earth & Environment, 2020, 1, 103-116.	12.2	372
29	Polyfluoroalkyl substances in Danjiangkou Reservoir, China: Occurrence, composition, and source appointment. Science of the Total Environment, 2020, 725, 138352.	3.9	32
30	Dispersal limitation drives biogeographical patterns of anammox bacterial communities across the Yangtze River. Applied Microbiology and Biotechnology, 2020, 104, 5535-5546.	1.7	16
31	Perfluoroalkyl substances in the Yangtze River: Changing exposure and its implications after operation of the Three Gorges Dam. Water Research, 2020, 182, 115933.	5.3	17
32	Structural characteristics of river networks and their relations to basin factors in the Yangtze and Yellow River basins. Science China Technological Sciences, 2019, 62, 1885-1895.	2.0	11
33	Microscopic view of phytoplankton along the Yangtze River. Science China Technological Sciences, 2019, 62, 1873-1884.	2.0	11
34	Redistribution of Electron Equivalents between Magnetite and Aqueous Fe2+ Induced by a Model Quinone Compound AQDS. Environmental Science & Technology, 2019, 53, 1863-1873.	4.6	18
35	Simultaneous nitrification, denitrification and phosphorus removal in a sequencing batch reactor (SBR) under low temperature. Chemosphere, 2019, 229, 132-141.	4.2	116
36	Photocatalytic degradation of amoxicillin by carbon quantum dots modified K2Ti6O13 nanotubes: Effect of light wavelength. Chinese Chemical Letters, 2019, 30, 1214-1218.	4.8	120

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37	Anammox response to natural and anthropogenic impacts over the Yangtze River. Science of the Total Environment, 2019, 665, 171-180.	3.9	34
38	Solving the mystery of vanishing rivers in China. National Science Review, 2019, 6, 1239-1246.	4.6	12
39	Molecular biogeography of planktonic and benthic diatoms in the Yangtze River. Microbiome, 2019, 7, 153.	4.9	50
40	Antibiotics in water and sediments of Danjiangkou Reservoir, China: Spatiotemporal distribution and indicator screening. Environmental Pollution, 2019, 246, 435-442.	3.7	86
41	Actinia-like multifunctional nanocoagulant for single-step removal of water contaminants. Nature Nanotechnology, 2019, 14, 64-71.	15.6	89
42	Dominant role of ammonia-oxidizing bacteria in nitrification due to ammonia accumulation in sediments of Danjiangkou reservoir, China. Applied Microbiology and Biotechnology, 2018, 102, 3399-3410.	1.7	30
43	Genomic insights into metabolic potentials of two simultaneous aerobic denitrification and phosphorus removal bacteria, Achromobacter sp. GAD3 and Agrobacterium sp. LAD9. FEMS Microbiology Ecology, 2018, 94, .	1.3	31
44	Sea-Buckthorn-Like MnO₂ Decorated Titanate Nanotubes with Oxidation Property and Photocatalytic Activity for Enhanced Degradation of 17Î²-Estradiol under Solar Light. ACS Applied Energy Materials, 2018, 1, 2123-2133.	2.5	34
45	Maximization of current efficiency for organic pollutants oxidation at BDD, Ti/SnO2-Sb/PbO2, and Ti/SnO2-Sb anodes. Chemosphere, 2018, 205, 361-368.	4.2	47
46	A duodecennial national synthesis of antibiotics in China's major rivers and seas (2005â€“2016). Science of the Total Environment, 2018, 615, 906-917.	3.9	341
47	Integrated biogeography of planktonic and sedimentary bacterial communities in the Yangtze River. Microbiome, 2018, 6, 16.	4.9	208
48	Microbial community compositions in different functional zones of Carrousel oxidation ditch system for domestic wastewater treatment. AMB Express, 2017, 7, 40.	1.4	73
49	Effect of NaCl on aerobic denitrification by strain Achromobacter sp. GAD-3. Applied Microbiology and Biotechnology, 2017, 101, 5139-5147.	1.7	27
50	Effect of sulfamethoxazole on aerobic denitrification by strain Pseudomonas stutzeri PCN-1. Bioresource Technology, 2017, 235, 325-331.	4.8	68
51	Effects of ZnO nanoparticles on aerobic denitrification by strain Pseudomonas stutzeri PCN-1. Bioresource Technology, 2017, 239, 21-27.	4.8	38
52	Molecular Insights into the Transformation of Dissolved Organic Matter in Landfill Leachate Concentrate during Biodegradation and Coagulation Processes Using ESI FT-ICR MS. Environmental Science & Technology, 2017, 51, 8110-8118.	4.6	242
53	Global rainfall erosivity assessment based on high-temporal resolution rainfall records. Scientific Reports, 2017, 7, 4175.	1.6	348
54	Enhanced removal of Microcystis aeruginosa in BDD-CF electrochemical system by simple addition of Fe 2+. Chemical Engineering Journal, 2017, 325, 360-368.	6.6	31

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55	Synergic Adsorptionâ€“Biodegradation by an Advanced Carrier for Enhanced Removal of High-Strength Nitrogen and Refractory Organics. ACS Applied Materials & Interfaces, 2017, 9, 13188-13200.	4.0	54
56	Effects of porous carrier size on biofilm development, microbial distribution and nitrogen removal in microaerobic bioreactors. Bioresource Technology, 2017, 234, 360-369.	4.8	87
57	Optical property of dissolved organic matters (DOMs) and its link to the presence of metal ions in surface freshwaters in China. Chemosphere, 2017, 188, 502-509.	4.2	25
58	Effects of heavy metals on aerobic denitrification by strain Pseudomonas stutzeri PCN-1. Applied Microbiology and Biotechnology, 2017, 101, 1717-1727.	1.7	47
59	Bio-Source of di-n-butyl phthalate production by filamentous fungi. Scientific Reports, 2016, 6, 19791.	1.6	24
60	Enhanced phosphorus flux from overlying water to sediment in a bioelectrochemical system. Bioresource Technology, 2016, 216, 182-187.	4.8	21
61	Discrepant membrane fouling of partial nitrification and anammox membrane bioreactor operated at the same nitrogen loading rate. Bioresource Technology, 2016, 214, 729-736.	4.8	34
62	Correspondence analysis of bio-refractory compounds degradation and microbiological community distribution in anaerobic filter for coking wastewater treatment. Chemical Engineering Journal, 2016, 304, 864-872.	6.6	96
63	Potential application of aerobic denitrifying bacterium Pseudomonas aeruginosa PCN-2 in nitrogen oxides (NOx) removal from flue gas. Journal of Hazardous Materials, 2016, 318, 571-578.	6.5	44
64	Electrochemical degradation of bisphenol A in chloride electrolyteâ€”Factor analysis and mechanisms study. Electrochimica Acta, 2016, 222, 1144-1152.	2.6	19
65	Simultaneous denitrification and phosphorus removal by Agrobacterium sp. LAD9 under varying oxygen concentration. Applied Microbiology and Biotechnology, 2016, 100, 3337-3346.	1.7	25
66	Discrepant hexavalent chromium tolerance and detoxification by two strains of Trichoderma asperellum with high homology. Chemical Engineering Journal, 2016, 298, 75-81.	6.6	25
67	Lateral transport of soil carbon and landâ^'atmosphere CO ₂ flux induced by water erosion in China. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 6617-6622.	3.3	117
68	Adsorption of U(VI) by multilayer titanate nanotubes: Effects of inorganic cations, carbonate and natural organic matter. Chemical Engineering Journal, 2016, 286, 427-435.	6.6	156
69	Novel Ion-Exchange Coagulants Remove More Low Molecular Weight Organics than Traditional Coagulants. Environmental Science & Technology, 2016, 50, 3897-3904.	4.6	30
70	Mitigated membrane fouling of anammox membrane bioreactor by microbiological immobilization. Bioresource Technology, 2016, 201, 312-318.	4.8	39
71	Cotransport of bacteria with hematite in porous media: Effects of ion valence and humic acid. Water Research, 2016, 88, 586-594.	5.3	50
72	Performance Assessment of Full-Scale Wastewater Treatment Plants Based on Seasonal Variability of Microbial Communities via High-Throughput Sequencing. PLoS ONE, 2016, 11, e0152998.	1.1	29

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73	Nitrite interference and elimination in diphenylcarbazide (DPCI) spectrophotometric determination of hexavalent chromium. Water Science and Technology, 2015, 72, 223-229.	1.2	5
74	Effect of inorganic nanoparticles on 17Î²-estradiol and 17Î±-ethynylestradiol adsorption by multi-walled carbon nanotubes. Environmental Pollution, 2015, 205, 111-120.	3.7	34
75	Bactericidal mechanisms of Au@TNBs under visible light irradiation. Colloids and Surfaces B: Biointerfaces, 2015, 128, 211-218.	2.5	19
76	Synergetic antibacterial activity of reduced graphene oxide and boron doped diamond anode in three dimensional electrochemical oxidation system. Scientific Reports, 2015, 5, 10388.	1.6	28
77	Bioaugmentation treatment of municipal wastewater with heterotrophic-aerobic nitrogen removal bacteria in a pilot-scale SBR. Bioresource Technology, 2015, 183, 25-32.	4.8	127
78	Utilization of single-chamber microbial fuel cells as renewable power sources for electrochemical degradation of nitrogen-containing organic compounds. Chemical Engineering Journal, 2015, 280, 99-105.	6.6	56
79	Selective and irreversible adsorption of mercury(<scp>ii</scp>) from aqueous solution by a flower-like titanate nanomaterial. Journal of Materials Chemistry A, 2015, 3, 17676-17684.	5.2	71
80	Subcellular mechanism of Escherichia coli inactivation during electrochemical disinfection with boron-doped diamond anode: A comparative study of three electrolytes. Water Research, 2015, 84, 198-206.	5.3	73
81	Microbial reduction and precipitation of vanadium (V) in groundwater by immobilized mixed anaerobic culture. Bioresource Technology, 2015, 192, 410-417.	4.8	79
82	Short-cut synthesis of tri-titanate nanotubes using nano-anatase: Mechanism and application as an excellent adsorbent. Microporous and Mesoporous Materials, 2015, 213, 40-47.	2.2	34
83	Interaction of Cr(VI) reduction and denitrification by strain Pseudomonas aeruginosa PCN-2 under aerobic conditions. Bioresource Technology, 2015, 185, 346-352.	4.8	82
84	Special role of corn flour as an ideal carbon source for aerobic denitrification with minimized nitrous oxide emission. Bioresource Technology, 2015, 186, 44-51.	4.8	23
85	Minimization of nitrous oxide emission in a pilot-scale oxidation ditch: Generation, spatial variation and microbial interpretation. Bioresource Technology, 2015, 179, 510-517.	4.8	49
86	Dual-Enhanced Photocatalytic Activity of Fe-Deposited Titanate Nanotubes Used for Simultaneous Removal of As(III) and As(V). ACS Applied Materials & Interfaces, 2015, 7, 19726-19735.	4.0	60
87	LSER model for organic compounds adsorption by single-walled carbon nanotubes: Comparison with multi-walled carbon nanotubes and activated carbon. Environmental Pollution, 2015, 206, 652-660.	3.7	39
88	Removal of Hg(II) by poly(1-vinylimidazole)-grafted Fe3O4@SiO2 magnetic nanoparticles. Water Research, 2015, 69, 252-260.	5.3	175
89	Arsenate adsorption onto Fe-TNTs prepared by a novel waterâ€“ethanol hydrothermal method: Mechanism and synergistic effect. Journal of Colloid and Interface Science, 2015, 440, 253-262.	5.0	42
90	Behavior detection and activity recovery of damaged anammox bacteria culture after accidental overheating. Chemical Engineering Journal, 2015, 259, 70-78.	6.6	15

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91	Short-cut waste activated sludge fermentation and application of fermentation liquid to improve heterotrophic aerobic nitrogen removal by Agrobacterium sp. LAD9. Chemical Engineering Journal, 2015, 259, 911-917.	6.6	14
92	Influence of silicate on the transport of bacteria in quartz sand and iron mineral-coated sand. Colloids and Surfaces B: Biointerfaces, 2014, 123, 995-1002.	2.5	24
93	Fast characterization of soluble organic intermediates and integrity of microbial cells in the process of alkaline anaerobic fermentation of waste activated sludge. Biochemical Engineering Journal, 2014, 86, 49-56.	1.8	32
94	Investigation on the mechanisms for biotransformation of saponins to diosgenin. World Journal of Microbiology and Biotechnology, 2014, 30, 143-152.	1.7	15
95	High-efficient nitrogen removal by coupling enriched autotrophic-nitrification and aerobic-denitrification consortiums at cold temperature. Bioresource Technology, 2014, 161, 288-296.	4.8	58
96	Reducing NO and N2O emission during aerobic denitrification by newly isolated Pseudomonas stutzeri PCN-1. Bioresource Technology, 2014, 162, 80-88.	4.8	110
97	Removal of coexisting Cr(VI) and 4-chlorophenol through reduction and Fenton reaction in a single system. Chemical Engineering Journal, 2014, 248, 89-97.	6.6	66
98	Adsorption of Cu(II) and Cd(II) on titanate nanomaterials synthesized via hydrothermal method under different NaOH concentrations: Role of sodium content. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2014, 452, 138-147.	2.3	80
99	Synergy of photocatalysis and adsorption for simultaneous removal of Cr(VI) and Cr(III) with TiO2 and titanate nanotubes. Water Research, 2014, 53, 12-25.	5.3	252
100	High photocatalytic and adsorptive performance of anatase-covered titanate nanotubes prepared by wet chemical reaction. Microporous and Mesoporous Materials, 2014, 186, 168-175.	2.2	18
101	Adsorption mechanisms of thallium(I) and thallium(III) by titanate nanotubes: Ion-exchange and co-precipitation. Journal of Colloid and Interface Science, 2014, 423, 67-75.	5.0	94
102	Three-dimensional three-phase model for simulation of hydrodynamics, oxygen mass transfer, carbon oxidation, nitrification and denitrification in an oxidation ditch. Water Research, 2014, 53, 200-214.	5.3	44
103	Comparison on aggregation and sedimentation of titanium dioxide, titanate nanotubes and titanate nanotubes-TiO2: Influence of pH, ionic strength and natural organic matter. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2013, 434, 319-328.	2.3	87
104	Mutual promotion mechanism for adsorption of coexisting Cr(III) and Cr(VI) onto titanate nanotubes. Chemical Engineering Journal, 2013, 232, 228-236.	6.6	37
105	Phosphate removal using compounds prepared from paper sludge and fly ash. Environmental Earth Sciences, 2013, 70, 615-623.	1.3	10
106	Heterotrophic nitrification and aerobic denitrification at low temperature by a newly isolated bacterium, Acinetobacter sp. HA2. Bioresource Technology, 2013, 139, 80-86.	4.8	249
107	Absorption of Cr(VI) onto amino-modified titanate nanotubes using 2-Bromoethylamine hydrobromide through SN2 reaction. Journal of Colloid and Interface Science, 2013, 401, 133-140.	5.0	36
108	Adsorption and desorption of Cd(II) onto titanate nanotubes and efficient regeneration of tubular structures. Journal of Hazardous Materials, 2013, 250-251, 379-386.	6.5	93

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109	Influence of pH, ionic strength and humic acid on competitive adsorption of Pb(II), Cd(II) and Cr(III) onto titanate nanotubes. Chemical Engineering Journal, 2013, 215-216, 366-374.	6.6	273
110	Highly efficient adsorption of Cr(VI) from aqueous solutions by amino-functionalized titanate nanotubes. Chemical Engineering Journal, 2013, 225, 153-163.	6.6	112
111	Adsorption of Pb2+, Cd2+, Cu2+ and Cr3+ onto titanate nanotubes: Competition and effect of inorganic ions. Science of the Total Environment, 2013, 456-457, 171-180.	3.9	232
112	Enrichment and characterization of a bacteria consortium capable of heterotrophic nitrification and aerobic denitrification at low temperature. Bioresource Technology, 2013, 127, 151-157.	4.8	117
113	Rapid Assessment of Intertidal Wetland Sediments. Soil and Sediment Contamination, 2012, 21, 574-585.	1.1	0
114	Investigation and optimization of the novel UASBâ€“MFC integrated system for sulfate removal and bioelectricity generation using the response surface methodology (RSM). Bioresource Technology, 2012, 124, 1-7.	4.8	49
115	Erosion-induced CO2 flux of small watersheds. Global and Planetary Change, 2012, 94-95, 101-110.	1.6	7
116	Sorption of phenanthrene on to soil fractions in the presence of Triton X-100. Environmental Technology (United Kingdom), 2012, 33, 321-327.	1.2	3
117	Recovery ofBacillus thuringiensisbased biopesticides from fermented sludge by cross-flow microfiltration. Desalination and Water Treatment, 2012, 43, 17-28.	1.0	4
118	Diagnosis of river basins as CO₂ sources or sinks subject to sediment movement. Earth Surface Processes and Landforms, 2012, 37, 1398-1406.	1.2	5
119	Electrochemical oxidation of nitrogen-heterocyclic compounds at boron-doped diamond electrode. Chemosphere, 2012, 86, 368-375.	4.2	50
120	Ammonium removal by Agrobacterium sp. LAD9 capable of heterotrophic nitrificationâ€“aerobic denitrification. Journal of Bioscience and Bioengineering, 2012, 113, 619-623.	1.1	155
121	Electrogeneration of disinfection byproducts at a boron-doped diamond anode with resorcinol as a model substance. Electrochimica Acta, 2012, 69, 268-274.	2.6	38
122	Simultaneous reduction of vanadium (V) and chromium (VI) with enhanced energy recovery based on microbial fuel cell technology. Journal of Power Sources, 2012, 204, 34-39.	4.0	276
123	Arsenate removal from simulated groundwater with a Donnan dialyzer. Journal of Hazardous Materials, 2012, 215-216, 159-165.	6.5	14
124	A preliminary estimate of human and natural contributions to the changes in water discharge and sediment load in the Yellow River. Global and Planetary Change, 2011, 76, 196-205.	1.6	284
125	The improvement of boron-doped diamond anode system in electrochemical degradation of p-nitrophenol by zero-valent iron. Electrochimica Acta, 2011, 56, 10371-10377.	2.6	32
126	Scale-up of B-doped diamond anode system for electrochemical oxidation of phenol simulated wastewater in batch mode. Electrochimica Acta, 2011, 56, 9439-9447.	2.6	27

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127	Comparison of electrochemical method with ozonation, chlorination and monochloramination in drinking water disinfection. Electrochimica Acta, 2011, 56, 9789-9796.	2.6	77
128	Scientometric analysis of coastal eutrophication research during the period of 1993 to 2008. Environment, Development and Sustainability, 2011, 13, 353-366.	2.7	6
129	Heterotrophic nitrificationâ€“aerobic denitrification by novel isolated bacteria. Journal of Industrial Microbiology and Biotechnology, 2011, 38, 1305-1310.	1.4	160
130	Electricity generation from molasses wastewater by an anaerobic baffled stacking microbial fuel cell. Journal of Chemical Technology and Biotechnology, 2011, 86, 406-413.	1.6	48
131	Treatment of wastewater from Dioscorea zingiberensis tubers used for producing steroid hormones in a microbial fuel cell. Bioresource Technology, 2011, 102, 2731-2735.	4.8	33
132	Synergies between electrochemical oxidation and activated carbon adsorption in three-dimensional boron-doped diamond anode system. Electrochimica Acta, 2011, 56, 1270-1274.	2.6	94
133	Electrochemical oxidation of phenol at boron-doped diamond electrode in pulse current mode. Electrochimica Acta, 2011, 56, 5310-5315.	2.6	47
134	Destination of organic pollutants during electrochemical oxidation of biologically-pretreated dye wastewater using boron-doped diamond anode. Journal of Hazardous Materials, 2011, 189, 127-133.	6.5	77
135	Adsorption of Pb(II) and Cd(II) from aqueous solutions using titanate nanotubes prepared via hydrothermal method. Journal of Hazardous Materials, 2011, 189, 741-748.	6.5	185
136	Heterogeneous photocatalysis of methylene blue over titanate nanotubes: Effect of adsorption. Journal of Colloid and Interface Science, 2011, 356, 211-216.	5.0	77
137	Process optimization for the production of diosgenin with Trichoderma reesei. Bioprocess and Biosystems Engineering, 2010, 33, 647-655.	1.7	22
138	A study of electron-shuttle mechanism in Klebsiella pneumoniae based-microbial fuel cells. Science Bulletin, 2010, 55, 99-104.	1.7	69
139	Production of diosgenin from yellow ginger (Dioscorea zingiberensis C. H. Wright) saponins by commercial cellulase. World Journal of Microbiology and Biotechnology, 2010, 26, 1171-1180.	1.7	28
140	Paper sludge as a feasible soil amendment for the immobilization of Pb2+. Journal of Environmental Sciences, 2010, 22, 413-420.	3.2	15
141	Comparative electrochemical degradation of phthalic acid esters using boron-doped diamond and Pt anodes. Chemosphere, 2010, 80, 845-851.	4.2	53
142	Initial photocatalytic degradation intermediates/pathways of 17Î±-ethynylestradiol: Effect of pH and methanol. Chemosphere, 2010, 81, 92-99.	4.2	37
143	Cleaner production alternatives for saponin industry by recycling starch. Resources, Conservation and Recycling, 2010, 54, 1145-1151.	5.3	19
144	Arsenate removal by Donnan dialysis: Effects of the accompanying components. Separation and Purification Technology, 2010, 72, 250-255.	3.9	27

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145	A promising clean process for production of diosgenin from Dioscorea zingiberensis C. H. Wright. Journal of Cleaner Production, 2010, 18, 242-247.	4.6	48
146	Rapid assessment of sustainability in Mainland China. Journal of Environmental Management, 2010, 91, 1021-1031.	3.8	26
147	Assessment of flooding impacts in terms of sustainability in mainland China. Journal of Environmental Management, 2010, 91, 1930-1942.	3.8	25
148	Scale-up of BDD anode system for electrochemical oxidation of phenol simulated wastewater in continuous mode. Journal of Hazardous Materials, 2010, 184, 493-498.	6.5	48
149	Inactivation of Escherichia coli in Na2SO4 electrolyte using boron-doped diamond anode. Electrochimica Acta, 2010, 56, 448-453.	2.6	69
150	Adsorption behavior of methylene blue onto titanate nanotubes. Chemical Engineering Journal, 2010, 156, 313-320.	6.6	326
151	Palm oil mill effluent treatment using a two-stage microbial fuel cells system integrated with immobilized biological aerated filters. Bioresource Technology, 2010, 101, 2729-2734.	4.8	136
152	Effects of ultrasound on electrochemical oxidation mechanisms of p-substituted phenols at BDD and PbO2 anodes. Electrochimica Acta, 2010, 55, 5569-5575.	2.6	48
153	Enhancement of Electricity Generation and Sulfide Removal in Microbial Fuel Cells with Lead Dioxide Catalyzed Cathode. International Conference on Bioinformatics and Biomedical Engineering: [proceedings] International Conference on Bioinformatics and Biomedical Engineering, 2010, , .	0.0	1
154	Effect of nitro substituent on electrochemical oxidation of phenols at boron-doped diamond anodes. Chemosphere, 2010, 78, 1093-1099.	4.2	40
155	Partitioning of water soluble organic carbon in three sediment size fractions: Effect of the humic substances. Journal of Environmental Sciences, 2009, 21, 113-119.	3.2	8
156	Preparation of sodium carboxymethyl cellulose from paper sludge. Journal of Chemical Technology and Biotechnology, 2009, 84, 427-434.	1.6	48
157	Simultaneous removal of sulfide and organics with vanadium(V) reduction in microbial fuel cells. Journal of Chemical Technology and Biotechnology, 2009, 84, 1780-1786.	1.6	119
158	Pilot treatment of wastewater from Dioscorea zingiberensis C.H. Wright production by anaerobic digestion combined with a biological aerated filter. Bioresource Technology, 2009, 100, 2918-2925.	4.8	62
159	Simultaneous processes of electricity generation and p-nitrophenol degradation in a microbial fuel cell. Electrochemistry Communications, 2009, 11, 274-277.	2.3	142
160	Decolorization of 1-amino-4-bromoanthraquinone-2-sulfonic acid by a newly isolated strain of Sphingomonas herbicidovorans. International Biodeterioration and Biodegradation, 2009, 63, 88-92.	1.9	17
161	Treatment of bromoamine acid wastewater using combined process of micro-electrolysis and biological aerobic filter. Journal of Hazardous Materials, 2009, 162, 1204-1210.	6.5	95
162	A novel UASBâ€“MFCâ€“BAF integrated system for high strength molasses wastewater treatment and bioelectricity generation. Bioresource Technology, 2009, 100, 5687-5693.	4.8	237

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163	Washing of field weathered crude oil contaminated soil with an environmentally compatible surfactant, alkyl polyglucoside. Chemosphere, 2009, 76, 579-586.	4.2	64
164	Advanced treatment of biologically pretreated coking wastewater by electrochemical oxidation using boron-doped diamond electrodes. Water Research, 2009, 43, 4347-4355.	5.3	262
165	Natural organic matter removal by coagulation: effect of kinetics and hydraulic power. Water Science and Technology: Water Supply, 2009, 9, 21-30.	1.0	12
166	Treatment of landfill leachate by immobilized microorganisms. Science in China Series B: Chemistry, 2008, 51, 1014-1020.	0.8	6
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