

Jianbing Li

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6213277/publications.pdf>

Version: 2024-02-01

163
papers

6,000
citations

66315

42
h-index

85498

71
g-index

165
all docs

165
docs citations

165
times ranked

6192
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamics of a stochastic non-autonomous phytoplankton–zooplankton system involving toxin-producing phytoplankton and impulsive perturbations. <i>Mathematics and Computers in Simulation</i> , 2023, 203, 368-386.	2.4	4
2	Integrated probabilistic-fuzzy synthetic evaluation of drinking water quality in rural and remote communities. <i>Journal of Environmental Management</i> , 2022, 301, 113937.	3.8	12
3	Evaluation of offshore oil spill response waste management strategies: A lifecycle assessment-based framework. <i>Journal of Hazardous Materials</i> , 2022, 432, 128659.	6.5	12
4	Dynamics of a stochastic phytoplankton–toxic phytoplankton–zooplankton system under regime switching. <i>Mathematical Methods in the Applied Sciences</i> , 2022, 45, 9769-9786.	1.2	2
5	Evaluation of machine learning techniques to select marine oil spill response methods under small-sized dataset conditions. <i>Journal of Hazardous Materials</i> , 2022, 436, 129282.	6.5	12
6	Selection of green remediation alternatives for chemical industrial sites: An integrated life cycle assessment and fuzzy synthetic evaluation approach. <i>Science of the Total Environment</i> , 2022, 845, 157211.	3.9	5
7	Assessing land use–land cover change and soil erosion potential using a combined approach through remote sensing, RUSLE and random forest algorithm. <i>Geocarto International</i> , 2021, 36, 361-375.	1.7	17
8	Magnetic NiFe ₂ O ₄ /MWCNTs functionalized cellulose bioadsorbent with enhanced adsorption property and rapid separation. <i>Carbohydrate Polymers</i> , 2021, 252, 117158.	5.1	54
9	Life cycle assessment of low-temperature thermal desorption-based technologies for drill cuttings treatment. <i>Journal of Hazardous Materials</i> , 2021, 401, 123865.	6.5	40
10	Low-temperature thermal desorption and secure landfill for oil-based drill cuttings management: Pollution control, human health risk, and probabilistic cost assessment. <i>Journal of Hazardous Materials</i> , 2021, 410, 124570.	6.5	38
11	Recent advances in constructed wetland for wastewater treatment. <i>Bioresource Technology</i> , 2021, 321, 124378.	4.8	3
12	Impact of pyrolysis temperature and activation on oily sludge-derived char for Pb(II) and Cd(II) removal from aqueous solution. <i>Environmental Science and Pollution Research</i> , 2021, 28, 5532-5547.	2.7	8
13	Dynamics induced by environmental stochasticity in a phytoplankton-zooplankton system with toxic phytoplankton. <i>Mathematical Biosciences and Engineering</i> , 2021, 18, 4101-4126.	1.0	5
14	Optimization of integrated fuzzy decision tree and regression models for selection of oil spill response method in the Arctic. <i>Knowledge-Based Systems</i> , 2021, 213, 106676.	4.0	22
15	Performance promotion and its mechanism for n-hexane removal in a lab-scale biotrickling filter with reticular polyurethane sponge under intermittent spraying mode. <i>Chemical Engineering Research and Design</i> , 2021, 152, 654-662.	2.7	14
16	Phosphorus recovery from municipal sludge-derived ash and hydrochar through wet-chemical technology: A review towards sustainable waste management. <i>Chemical Engineering Journal</i> , 2021, 417, 129300.	6.6	71
17	An integrated geospatial correlation analysis and human health risk assessment approach for investigating abandoned industrial sites. <i>Journal of Environmental Management</i> , 2021, 293, 112891.	3.8	16
18	Intelligent computational techniques in marine oil spill management: A critical review. <i>Journal of Hazardous Materials</i> , 2021, 419, 126425.	6.5	28

#	ARTICLE	IF	CITATIONS
19	Application of oily sludge-derived char for lead and cadmium removal from aqueous solution. <i>Chemical Engineering Journal</i> , 2020, 384, 123386.	6.6	61
20	Stability and bifurcation analysis of a nutrient-phytoplankton model with time delay. <i>Mathematical Methods in the Applied Sciences</i> , 2020, 43, 3018-3039.	1.2	8
21	Comparative life-cycle assessment of traditional and emerging oily sludge treatment approaches. <i>Journal of Cleaner Production</i> , 2020, 251, 119594.	4.6	97
22	Selection of oil spill response method in Arctic offshore waters: A fuzzy decision tree based framework. <i>Marine Pollution Bulletin</i> , 2020, 161, 111705.	2.3	25
23	Enhanced Cd ²⁺ and Zn ²⁺ removal from heavy metal wastewater in constructed wetlands with resistant microorganisms. <i>Bioresource Technology</i> , 2020, 316, 123898.	4.8	48
24	Application of Ionic Liquids for Chemical Demulsification: A Review. <i>Molecules</i> , 2020, 25, 4915.	1.7	61
25	Immobilization of Chromium Contaminated Soil by Co-pyrolysis with Rice Straw. <i>Water, Air, and Soil Pollution</i> , 2020, 231, 1.	1.1	7
26	Speciation and migration of heavy metals in sediment cores of urban wetland: bioavailability and risks. <i>Environmental Science and Pollution Research</i> , 2020, 27, 23914-23925.	2.7	14
27	Effect of wet flue gas desulfurization (WFGD) on fine particle (PM _{2.5}) emission from coal-fired boilers. <i>Journal of Environmental Sciences</i> , 2019, 77, 32-42.	3.2	49
28	Remediation of oil-based drill cuttings using low-temperature thermal desorption: Performance and kinetics modeling. <i>Chemosphere</i> , 2019, 235, 1081-1088.	4.2	52
29	Prediction of Seasonal Variation in Traffic Collisions on Rural Highways Using Neural Network Regression Models: A Case Study in the Province of British Columbia. , 2019, , .		1
30	Dynamic analysis of a reaction-diffusion impulsive hybrid system. <i>Nonlinear Analysis: Hybrid Systems</i> , 2019, 33, 353-370.	2.1	10
31	Ionic Liquid-Enhanced Solvent Extraction for Oil Recovery from Oily Sludge. <i>Energy & Fuels</i> , 2019, 33, 3429-3438.	2.5	35
32	Co-pyrolysis of metal contaminated oily waste for oil recovery and heavy metal immobilization. <i>Journal of Hazardous Materials</i> , 2019, 373, 1-10.	6.5	47
33	Magnetically Separable Fe ₃ O ₄ /BiOBr Microspheres: Synthesis, Characterization, and Photocatalytic Performance for Removal of Anionic Azo Dye. <i>Environmental Engineering Science</i> , 2019, 36, 466-477.	0.8	8
34	Chemical speciation and risks of heavy metals in sediment of urban wetlands in southeastern China. <i>Soil and Sediment Contamination</i> , 2019, 28, 15-27.	1.1	5
35	Investigating the aerosol mass and chemical components characteristics and feedback effects on the meteorological factors in the Beijing-Tianjin-Hebei region, China. <i>Environmental Pollution</i> , 2019, 244, 495-502.	3.7	55
36	Regional Water Use Structure Optimization Under Multiple Uncertainties Based on Water Resources Vulnerability Analysis. <i>Water Resources Management</i> , 2018, 32, 1827-1847.	1.9	22

#	ARTICLE	IF	CITATIONS
37	A 3DBER-S-EC process for simultaneous nitrogen and phosphorus removal from wastewater with low organic carbon content. <i>Journal of Environmental Management</i> , 2018, 209, 57-64.	3.8	19
38	Characteristics and classification of PM _{2.5} pollution episodes in Beijing from 2013 to 2015. <i>Science of the Total Environment</i> , 2018, 612, 170-179.	3.9	83
39	Assessment of the Remediation Effect of Nano-hydroxyapatite in Exogenous Pb-contaminated Soil Using Toxicity Characteristic Leaching Procedure and Soil Enzyme Activities. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2018, 101, 250-256.	1.3	5
40	Planting density affected biomass and grain yield of maize for seed production in an arid region of Northwest China. <i>Journal of Arid Land</i> , 2018, 10, 292-303.	0.9	21
41	Magnetically recyclable Fe ₃ O ₄ /Bi ₂ S ₃ microspheres for effective removal of Congo red dye by simultaneous adsorption and photocatalytic regeneration. <i>Separation and Purification Technology</i> , 2017, 179, 184-193.	3.9	67
42	Heavy metals and nutrients (carbon, nitrogen, and phosphorus) in sediments: relationships to land uses, environmental risks, and management. <i>Environmental Science and Pollution Research</i> , 2017, 24, 7403-7412.	2.7	15
43	Investigation of waste biomass co-pyrolysis with petroleum sludge using a response surface methodology. <i>Journal of Environmental Management</i> , 2017, 192, 234-242.	3.8	88
44	Temporal dynamics of groundwater-surface water interaction under the effects of climate change: A case study in the Kiskatinaw River Watershed, Canada. <i>Journal of Hydrology</i> , 2017, 551, 440-452.	2.3	34
45	Impact of operating condition on the denitrifying bacterial community structure in a 3DBER-SAD reactor. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2017, 44, 9-21.	1.4	11
46	Prediction of seasonal variation in traffic collisions on rural highways: A case study in the province of British Columbia. , 2017, , .		4
47	Influence of Nano-Hydroxyapatite on the Metal Bioavailability, Plant Metal Accumulation and Root Exudates of Ryegrass for Phytoremediation in Lead-Polluted Soil. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 532.	1.2	48
48	Understanding the Effects of Parameter Uncertainty on Temporal Dynamics of Groundwater-Surface Water Interaction. <i>Hydrology</i> , 2017, 4, 28.	1.3	6
49	Characterization of Chemical Composition in PM _{2.5} in Beijing before, during, and after a Large-Scale International Event. <i>Aerosol and Air Quality Research</i> , 2017, 17, 896-907.	0.9	27
50	An Integrated Air Quality Model and Optimization Model for Regional Economic and Environmental Development: A Case Study of Tangshan, China. <i>Aerosol and Air Quality Research</i> , 2017, 17, 1592-1609.	0.9	5
51	Investigation of correlativity between heavy metals concentration in indigenous plants and combined pollution soils. <i>Chemistry and Ecology</i> , 2016, 32, 872-883.	0.6	10
52	Oil recovery from petroleum sludge through ultrasonic assisted solvent extraction. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2016, 51, 921-929.	0.9	34
53	Bathymetric modeling of sediments and organic carbon of polluted rivers in southeastern China. <i>Journal of Soils and Sediments</i> , 2016, 16, 2296-2305.	1.5	4
54	Efficient solar photocatalyst based on Ag ₃ PO ₄ /graphene nanosheets composite for photocatalytic decolorization of dye pollutants. <i>Journal of the Iranian Chemical Society</i> , 2016, 13, 1167-1174.	1.2	4

#	ARTICLE	IF	CITATIONS
55	An integrated process of three-dimensional biofilm-electrode with sulfur autotrophic denitrification (3DBER-SAD) for wastewater reclamation. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 7339-7348.	1.7	23
56	Fabrication of novel magnetically separable BiOBr/CoFe ₂ O ₄ microspheres and its application in the efficient removal of dye from aqueous phase by an environment-friendly and economical approach. <i>Applied Surface Science</i> , 2016, 364, 604-612.	3.1	64
57	Novel ZnO/Zn ²⁺ Cr hydrotalcite-like anionic clay as a high-performance and recyclable material for efficient photocatalytic removal of organic dye under simulated solar irradiation. <i>Research on Chemical Intermediates</i> , 2016, 42, 4359-4372.	1.3	6
58	Novel magnetic NiFe ₂ O ₄ /multi-walled carbon nanotubes hybrids: Facile synthesis, characterization, and application to the treatment of dyeing wastewater. <i>Ceramics International</i> , 2015, 41, 11625-11631.	2.3	79
59	Source apportionment and seasonal variation of PM _{2.5} carbonaceous aerosol in the Beijing-Tianjin-Hebei Region of China. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 143.	1.3	113
60	Bayesian approach to quantify parameter uncertainty and impacts on predictive flow and mass transport in heterogeneous aquifer. <i>International Journal of Environmental Science and Technology</i> , 2015, 12, 919-928.	1.8	16
61	A combination of solvent extraction and freeze thaw for oil recovery from petroleum refinery wastewater treatment pond sludge. <i>Journal of Hazardous Materials</i> , 2015, 283, 832-840.	6.5	132
62	An optimization model for a crop deficit irrigation system under uncertainty. <i>Engineering Optimization</i> , 2014, 46, 1-14.	1.5	24
63	Characterization of ambient ozone and its precursors around a coking plant. <i>Environmental Monitoring and Assessment</i> , 2014, 186, 3165-3179.	1.3	8
64	Ultrasonic oil recovery and salt removal from refinery tank bottom sludge. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2014, 49, 1425-1435.	0.9	21
65	Markov Chain Monte Carlo Approach for Parameter Uncertainty Quantification and Its Impact on Groundwater Mass Transport Modeling: Influence of Prior Distribution. <i>Environmental Engineering Science</i> , 2014, 31, 487-495.	0.8	4
66	Fuzzy chance-constrained linear fractional programming approach for optimal water allocation. <i>Stochastic Environmental Research and Risk Assessment</i> , 2014, 28, 1601-1612.	1.9	50
67	Assessments of chromium (and other metals) in vegetables and potential bio-accumulations in humans living in areas affected by tannery wastes. <i>Chemosphere</i> , 2014, 112, 412-419.	4.2	39
68	Recent development in the treatment of oily sludge from petroleum industry: A review. <i>Journal of Hazardous Materials</i> , 2013, 261, 470-490.	6.5	784
69	An inexact two-stage stochastic programming model for water resources management in Nansihu Lake Basin, China. <i>Journal of Environmental Management</i> , 2013, 127, 188-205.	3.8	49
70	Application of Ultrasound and Fenton's Reaction Process for the Treatment of Oily Sludge. <i>Procedia Environmental Sciences</i> , 2013, 18, 686-693.	1.3	45
71	Microbial responses to simulated water erosion in relation to organic carbon dynamics on a hilly cropland in subtropical China. <i>Ecological Engineering</i> , 2013, 60, 67-75.	1.6	36
72	Dynamic Planning of Water Resource and Electric Power Systems under Uncertainty. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2013, 139, 407-417.	1.3	4

#	ARTICLE	IF	CITATIONS
73	Denitrification of simulated municipal wastewater treatment plant effluent using a three-dimensional biofilm-electrode reactor: Operating performance and bacterial community. <i>Bioresource Technology</i> , 2013, 143, 178-186.	4.8	84
74	Ultrasonic desorption of petroleum hydrocarbons from crude oil contaminated soils. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2013, 48, 1378-1389.	0.9	39
75	Application of MM5-CAMx-PSAT Modeling Approach for Investigating Emission Source Contribution to Atmospheric SO ₂ Pollution in Tangshan, Northern China. <i>Mathematical Problems in Engineering</i> , 2013, 2013, 1-12.	0.6	10
76	Water Quality Assessment for Wastewater Reclamation Using Principal Component Analysis. <i>Journal of Environmental Informatics</i> , 2013, 21, 45-54.	6.0	24
77	Application of Trajectory Clustering and Source Apportionment Methods for Investigating Trans-Boundary Atmospheric PM ₁₀ Pollution. <i>Aerosol and Air Quality Research</i> , 2013, 13, 333-342.	0.9	20
78	A Monitoring and Modeling Study to Investigate Regional Transport and Characteristics of PM _{2.5} Pollution. <i>Aerosol and Air Quality Research</i> , 2013, 13, 943-956.	0.9	73
79	Assessment of PM ₁₀ Emission Sources for Priority Regulation in Urban Air Quality Management Using a New Coupled MM5-CAMx-PSAT Modeling Approach. <i>Environmental Engineering Science</i> , 2012, 29, 343-349.	0.8	9
80	Use of three-dimensional excitation and emission matrix fluorescence spectroscopy for predicting the disinfection by-product formation potential of reclaimed water. <i>Water Research</i> , 2012, 46, 5765-5776.	5.3	69
81	A neural network based ensemble approach for improving the accuracy of meteorological fields used for regional air quality modeling. <i>Journal of Environmental Management</i> , 2012, 112, 404-414.	3.8	21
82	Impact of irreversible sorption of phthalate acid esters on their sediment quality criteria. <i>Journal of Environmental Monitoring</i> , 2012, 14, 258-265.	2.1	3
83	Mobility and storage sinks for chromium and other metals in soils impacted by leather tannery wastes. <i>Journal of Environmental Monitoring</i> , 2012, 14, 3240.	2.1	14
84	A new statistical modeling and optimization framework for establishing high-resolution PM ₁₀ emission inventory – II. Integrated air quality simulation and optimization for performance improvement. <i>Atmospheric Environment</i> , 2012, 60, 623-631.	1.9	14
85	A new statistical modeling and optimization framework for establishing high-resolution PM ₁₀ emission inventory – I. Stepwise regression model development and application. <i>Atmospheric Environment</i> , 2012, 60, 613-622.	1.9	22
86	An experimental study on the remediation of phenanthrene in soil using ultrasound and soil washing. <i>Environmental Earth Sciences</i> , 2012, 66, 1487-1496.	1.3	32
87	Effect of Triton X-100 on the removal of aqueous phenol by laccase analyzed with a combined approach of experiments and molecular docking. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012, 97, 7-12.	2.5	49
88	Influence of rhamnolipids and Triton X-100 on adsorption of phenol by <i>Penicillium simplicissimum</i> . <i>Bioresource Technology</i> , 2012, 110, 468-473.	4.8	39
89	Oil recovery from refinery oily sludge via ultrasound and freeze/thaw. <i>Journal of Hazardous Materials</i> , 2012, 203-204, 195-203.	6.5	165
90	Effect of rhamnolipid on the removal of phenol catalyzed by laccase in aqueous solution. <i>World Journal of Microbiology and Biotechnology</i> , 2012, 28, 175-181.	1.7	46

#	ARTICLE	IF	CITATIONS
91	An experimental study on the bio-surfactant-assisted remediation of crude oil and salt contaminated soils. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2011, 46, 306-313.	0.9	14
92	Seasonal stratification effects on risk quantification of contaminant spreading in a warm monomictic lake under different hydrodynamic conditions: a case study in Lake Constance, Germany. <i>International Journal of Risk Assessment and Management</i> , 2011, 15, 79.	0.2	3
93	Impact of boundary-layer anticyclonic weather system on regional air quality. <i>Atmospheric Environment</i> , 2011, 45, 2453-2463.	1.9	47
94	Effect of monorhamnolipid on the degradation of n-hexadecane by <i>Candida tropicalis</i> and the association with cell surface properties. <i>Applied Microbiology and Biotechnology</i> , 2011, 90, 1155-1161.	1.7	56
95	Remediation of refinery oily sludge using isolated strain and biosurfactant. , 2011, , .		1
96	Impact of Environmental Factors on Bio-Surfactant Surface Property and its Sorption onto Soils. , 2011, , .		0
97	Surfactant Enhanced Biodegradation of Petroleum Hydrocarbons in Oil Refinery Tank Bottom Sludge. <i>Journal of Canadian Petroleum Technology</i> , 2010, 49, 34-39.	2.3	16
98	Identification of regional atmospheric PM10 transport pathways using HYSPLIT, MM5-CMAQ and synoptic pressure pattern analysis. <i>Environmental Modelling and Software</i> , 2010, 25, 927-934.	1.9	133
99	Application of Hog Fuel for the Bioremediation of Oil Contaminated Soils. <i>International Conference on Bioinformatics and Biomedical Engineering: [proceedings] International Conference on Bioinformatics and Biomedical Engineering</i> , 2010, , .	0.0	1
100	Experimental Study on the Remediation of Oil Contaminated Soil Using Ultrasound. <i>International Conference on Bioinformatics and Biomedical Engineering: [proceedings] International Conference on Bioinformatics and Biomedical Engineering</i> , 2010, , .	0.0	2
101	A fuzzy multi-criteria decision analysis approach for the management of petroleum-contaminated sites. <i>International Journal of Environment and Pollution</i> , 2010, 42, 220.	0.2	12
102	Application of ARPSâ€‘CMAQ modeling system for urban air pollutant emission abatementA paper submitted to the <i>Journal of Environmental Engineering and Science.. Canadian Journal of Civil Engineering</i> , 2010, 37, 323-334.	0.7	0
103	An Integrated MM5-CAMx Modeling Approach for Assessing PM10 Contribution from Different Sources in Beijing, China. <i>Journal of Environmental Informatics</i> , 2010, , .	6.0	10
104	Removal of zinc ions from aqueous solution using micellar- enhanced ultrafiltration at low surfactant concentrations. <i>Water S A</i> , 2009, 33, .	0.2	8
105	Assessment of surface water quality using multivariate statistical techniques in red soil hilly region: a case study of Xiangjiang watershed, China. <i>Environmental Monitoring and Assessment</i> , 2009, 152, 123-131.	1.3	150
106	Temporal and spatial characteristics of surface water quality by an improved universal pollution index in red soil hilly region of South China: a case study in Liuyanghe River watershed. <i>Environmental Geology</i> , 2009, 58, 101-107.	1.2	24
107	Characteristics of BPA removal from water by PACl-Al13 in coagulation process. <i>Journal of Colloid and Interface Science</i> , 2009, 337, 408-413.	5.0	31
108	Structureâ€‘biodegradability relationship of nonylphenol isomers during biological wastewater treatment process. <i>Chemosphere</i> , 2009, 75, 987-994.	4.2	20

#	ARTICLE	IF	CITATIONS
109	Uncertainty Analysis of Stochastic Solute Transport in a Heterogeneous Aquifer. <i>Environmental Engineering Science</i> , 2009, 26, 359-368.	0.8	10
110	Land Cover Change Detection Using MSS and MODIS Data: A Case Study for Liangshan-Xiangling Region in Southwestern China. <i>Journal of Environmental Informatics</i> , 2009, 13, 119-126.	6.0	4
111	Relationship between atmospheric pollution processes and synoptic pressure patterns in northern China. <i>Atmospheric Environment</i> , 2008, 42, 6078-6087.	1.9	163
112	The accumulation of nonylphenol in a wastewater recycling process. <i>Chemosphere</i> , 2008, 70, 783-790.	4.2	8
113	Aerobic degradation of bisphenol A by <i>Achromobacter xylosoxidans</i> strain B-16 isolated from compost leachate of municipal solid waste. <i>Chemosphere</i> , 2007, 68, 181-190.	4.2	135
114	Remediation of Petroleum-contaminated Sites through Simulation of a DPVE-aided Cleanup Process: Part 1. Model Development. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2007, 29, 347-365.	1.2	3
115	Mitigating Environmental Pollution and Impacts from Fossil Fuels: The Role of Alternative Fuels. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2007, 29, 1069-1080.	1.2	31
116	Removal of Cd ²⁺ from synthetic wastewater using micellar-enhanced ultrafiltration with hollow fiber membrane. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2007, 294, 140-146.	2.3	79
117	Effects of rhamnolipid on degradation of granular organic substrate from kitchen waste by a <i>Pseudomonas aeruginosa</i> strain. <i>Colloids and Surfaces B: Biointerfaces</i> , 2007, 58, 91-97.	2.5	23
118	Modeling research on the sorption kinetics of pentachlorophenol (PCP) to sediments based on neural networks and neuro-fuzzy systems. <i>Engineering Applications of Artificial Intelligence</i> , 2007, 20, 239-247.	4.3	8
119	The assessment of emission-source contributions to air quality by using a coupled MM5-ARPS-CMAQ modeling system: A case study in the Beijing metropolitan region, China. <i>Environmental Modelling and Software</i> , 2007, 22, 1601-1616.	1.9	70
120	An integrated fuzzy-stochastic modeling approach for risk assessment of groundwater contamination. <i>Journal of Environmental Management</i> , 2007, 82, 173-188.	3.8	144
121	Optimization of wastewater treatment alternative selection by hierarchy grey relational analysis. <i>Journal of Environmental Management</i> , 2007, 82, 250-259.	3.8	171
122	A gaussian-box modeling approach for urban air quality management in a Northern Chinese City's pollutant emission abatement. <i>Water, Air, and Soil Pollution</i> , 2007, 178, 15-36.	1.1	11
123	A gaussian-box modeling approach for urban air quality management in a northern chinese city's model development. <i>Water, Air, and Soil Pollution</i> , 2007, 178, 37-57.	1.1	15
124	An ARPS-CMAQ Modeling Approach for Assessing the Atmospheric Assimilative Capacity of the Beijing Metropolitan Region. <i>Water, Air, and Soil Pollution</i> , 2007, 181, 211-224.	1.1	15
125	Application of LIDAR Technique and MM5-CMAQ Modeling Approach for the Assessment of Winter PM ₁₀ Air Pollution: A Case Study in Beijing, China. <i>Water, Air, and Soil Pollution</i> , 2007, 181, 409-427.	1.1	13
126	Microbial community succession and lignocellulose degradation during agricultural waste composting. <i>Biodegradation</i> , 2007, 18, 793-802.	1.5	140

#	ARTICLE	IF	CITATIONS
127	Short-term prediction of the influent quantity time series of wastewater treatment plant based on a chaos neural network model. <i>Frontiers of Environmental Science and Engineering in China</i> , 2007, 1, 334-338.	0.8	4
128	Stochastic Risk Assessment of Groundwater Contamination under Uncertainty: A Canadian Case Study. <i>Journal of Environmental Informatics</i> , 2007, 9, 80-86.	6.0	3
129	Adsorption behavior of bisphenol A on sediments in Xiangjiang River, Central-south China. <i>Chemosphere</i> , 2006, 65, 1490-1499.	4.2	112
130	Modelling and measurement of two-layer-canopy interception losses in a subtropical evergreen forest of central-south China. <i>Hydrology and Earth System Sciences</i> , 2006, 10, 65-77.	1.9	47
131	Changes in Porosity Due to Acid Gas Injection As Determined by X-Ray Computed Tomography. <i>Journal of Canadian Petroleum Technology</i> , 2006, 45, .	2.3	9
132	Simultaneous amperometric determination of lignin peroxidase and manganese peroxidase activities in compost bioremediation using artificial neural networks. <i>Analytica Chimica Acta</i> , 2006, 579, 109-116.	2.6	37
133	An interval nonlinear program for the planning of waste management systems with economies-of-scale effectsâ€”A case study for the region of Hamilton, Ontario, Canada. <i>European Journal of Operational Research</i> , 2006, 171, 349-372.	3.5	61
134	Effects of Tween 80 and rhamnolipid on the extracellular enzymes of <i>Penicillium simplicissimum</i> isolated from compost. <i>Enzyme and Microbial Technology</i> , 2006, 39, 1451-1456.	1.6	81
135	A Fuzzy-Set Approach for Addressing Uncertainties in Risk Assessment of Hydrocarbon-Contaminated Site. <i>Water, Air, and Soil Pollution</i> , 2006, 171, 5-18.	1.1	41
136	Laccase activities of a soil fungus <i>Penicillium simplicissimum</i> in relation to lignin degradation. <i>World Journal of Microbiology and Biotechnology</i> , 2006, 22, 317-324.	1.7	32
137	Remediation of pentachlorophenol-contaminated soil by composting with immobilized <i>Phanerochaete chrysosporium</i> . <i>World Journal of Microbiology and Biotechnology</i> , 2006, 22, 909-913.	1.7	22
138	A simulation-based interval two-stage stochastic model for agricultural nonpoint source pollution control through land retirement. <i>Science of the Total Environment</i> , 2006, 361, 38-56.	3.9	47
139	NRSRM: A Decision Support System and Visualization Software for the Management of Petroleum-Contaminated Sites. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2006, 28, 199-220.	1.2	21
140	Fault Diagnosis of WWTP Based on Improved Support Vector Machine. <i>Environmental Engineering Science</i> , 2006, 23, 1044-1054.	0.8	9
141	Simulation-based risk assessment of contaminated sites under remediation scenarios, planning periods, and land-use patternsâ€”a Canadian case study. <i>Stochastic Environmental Research and Risk Assessment</i> , 2005, 19, 146-157.	1.9	15
142	Detection of phenylhydrazine based on lectin-glycoenzyme multilayer-film modified biosensor. <i>International Journal of Environmental Analytical Chemistry</i> , 2005, 85, 111-125.	1.8	18
143	GIS-based distributed model for simulating runoff and sediment load in the Malian River Basin. <i>Hydrobiologia</i> , 2003, 494, 127-134.	1.0	8
144	Inexact Multiphase Modeling System for the Management of Subsurface Contamination under Uncertainty. <i>Practice Periodical of Hazardous, Toxic and Radioactive Waste Management</i> , 2003, 7, 86-94.	0.4	18

#	ARTICLE	IF	CITATIONS
145	Numerical Simulation of Dual-Phase Vacuum Extraction to Remove Nonaqueous Phase Liquids in Subsurface. Practice Periodical of Hazardous, Toxic and Radioactive Waste Management, 2003, 7, 106-113.	0.4	10
146	Integrated Fuzzy-Stochastic Modeling of Petroleum Contamination in Subsurface. Energy Sources Part A Recovery, Utilization, and Environmental Effects, 2003, 25, 547-563.	0.5	26
147	Integrated Simulation-Optimization Approach for Real-Time Dynamic Modeling and Process Control of Surfactant-Enhanced Remediation at Petroleum-Contaminated Sites. Practice Periodical of Hazardous, Toxic and Radioactive Waste Management, 2003, 7, 95-105.	0.4	35
148	A GIS-based modeling system for petroleum waste management. Water Science and Technology, 2003, 47, 309-317.	1.2	16
149	Integrated Fuzzy-Stochastic Modeling of Petroleum Contamination in Subsurface. Energy Sources Part A Recovery, Utilization, and Environmental Effects, 2003, 25, 547-563.	0.5	7
150	Integration of Stochastic Programming and Factorial Design for Optimal Reservoir Operation. Journal of Environmental Informatics, 2003, 1, 12-17.	6.0	18
151	Application of a GIS-Based Modeling System for Effective Management of Petroleum-Contaminated Sites. Environmental Engineering Science, 2002, 19, 291-303.	0.8	6
152	Numerical Simulation of Dual Phase Vacuum Extraction for the Removal of Nonaqueous Phase Liquids in Subsurface: A Canadian Case Study. , 2002, , .		0
153	An Inexact Air Quality Model for Petroleum Pollutants Based on Techniques of Factorial Analysis and Stochastic Simulation. , 2002, , .		2
154	AN INTEGRATED DECISION SUPPORT SYSTEM FOR THE MANAGEMENT OF PETROLEUM-CONTAMINATED SITES. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2001, 36, 1163-1186.	0.9	9
155	Effect of Ultrasonic Homogenization on Crude Oil Emulsion Stability. SSRN Electronic Journal, 0, , .	0.4	1
156	Application of Object Oriented Image Classification and Markov Chain Modeling for Land Use and Land Cover Change Analysis. Journal of Environmental Informatics, 0, , .	6.0	16
157	Multi-Layer Perceptron Neural Network and Markov Chain Based Geospatial Analysis of Land Use and Land Cover Change. Journal of Environmental Informatics Letters, 0, , .	0.6	11
158	Investigation of Watershed-scale Surface Water Quality under Changing Land Use Conditions: A Case Study in Northern British Columbia. International Journal of Environmental Pollution and Remediation, 0, , .	0.0	0
159	Investigation of Impact Factors on the Treatment of Oily Sludge using a Hybrid Ultrasonic and Fenton's Reaction Process. International Journal of Environmental Pollution and Remediation, 0, , .	0.0	1
160	An Experimental Study on the Electrolyte-Conditioning-Enhanced Electrokinetic Remediation of Hexavalent Chromium Contaminated Soil. , 0, , .		0
161	Co-pyrolysis of Waste Biomass with Petroleum Sludge for Improved Energy Recovery. , 0, , .		0
162	Evaluation of Oil Spill Response Waste Management Strategies: A Lifecycle Assessment-Based Framework. SSRN Electronic Journal, 0, , .	0.4	0

#	ARTICLE	IF	CITATIONS
163	A System Dynamics Modeling Approach for Estimation of Oily Waste Generation From Marine Oil Spill Response: A Case Study of an Oil Spill in Central Coast of British Columbia. <i>Frontiers in Environmental Science</i> , 0, 10, .	1.5	3