

Xueyi

List of Publications by Year in descending order

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Version: 2024-02-01

79
papers

818
citations

567247

15
h-index

580810

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79
all docs

79
docs citations

79
times ranked

482
citing authors

#	ARTICLE	IF	CITATIONS
1	Study of water quality response to water transfer patterns in the receiving basin and surrogate model. <i>Environmental Science and Pollution Research</i> , 2022, 29, 24774-24792.	5.3	5
2	A spatial quantile regression model for driving mechanism of urban heat island by considering the spatial dependence and heterogeneity: An example of Beijing, China. <i>Sustainable Cities and Society</i> , 2022, 79, 103692.	10.4	17
3	A sustainable conservation strategy of wildlife in urban ecosystems: Case of <i>Gallinula chloropus</i> in Beijing-Tianjin-Hebei region. <i>Ecological Informatics</i> , 2022, 68, 101571.	5.2	2
4	Multiple indicators and analytic hierarchy process (AHP) for comprehensive performance evaluation of exhaust hood. <i>Building Simulation</i> , 2022, 15, 1097-1110.	5.6	7
5	On Optimal Condition of Plantâ€™s Microbial Remediation of Petroleum Hydrocarbon Polluted Soil. <i>Soil and Sediment Contamination</i> , 2021, 30, 35-57.	1.9	1
6	Benefits analysis of classification of municipal solid waste based on system dynamics. <i>Journal of Cleaner Production</i> , 2021, 279, 123686.	9.3	47
7	Effect of fine structure of chitosan-based flocculants on the flocculation of bentonite and humic acid: Evaluation and modeling. <i>Chemosphere</i> , 2021, 264, 128525.	8.2	21
8	Cooking grease particles purification review and technology combination strategy evaluation for commercial kitchens. <i>Building Simulation</i> , 2021, 14, 1597-1617.	5.6	11
9	Multi-objective layout optimization for sponge city by annealing algorithm and its environmental benefits analysis. <i>Sustainable Cities and Society</i> , 2021, 66, 102706.	10.4	48
10	An inverse design method for determining the optimal tributary flow into a main stream in a rainstorm period. <i>Water Science and Technology: Water Supply</i> , 2021, 21, 3180-3192.	2.1	0
11	Modelling the accumulation of microplastics through food webs with the example Baiyangdian Lake, China. <i>Science of the Total Environment</i> , 2021, 762, 144110.	8.0	25
12	Probabilistic health risk assessment of exposure to carcinogens of Chinese family cooking and influence analysis of cooking factors. <i>Science of the Total Environment</i> , 2021, 779, 146493.	8.0	12
13	An innovative approach to identify environmental variables with conservation priorities in habitat patches. <i>Journal of Environmental Management</i> , 2021, 292, 112788.	7.8	3
14	Critical review of magnetic polysaccharide-based adsorbents for water treatment: Synthesis, application and regeneration. <i>Journal of Cleaner Production</i> , 2021, 323, 129118.	9.3	33
15	Reduction of urban heat island and associated greenhouse gas emissions. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2020, 25, 689-711.	2.1	21
16	Inverse design optimisation of a novel range hood based on intelligent algorithms and computational fluid dynamics simulations. <i>Advanced Powder Technology</i> , 2020, 31, 730-745.	4.1	6
17	Effects of chef operation on oil fume particle collection of household range hood. <i>Environmental Science and Pollution Research</i> , 2020, 27, 23824-23836.	5.3	5
18	Establishment of urban waterlogging pre-warning system based on coupling RBF-NARX neural networks. <i>Water Science and Technology</i> , 2020, 82, 1921-1931.	2.5	12

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19	Landscape pattern analysis and ecological network planning of Tianjin City. <i>Urban Forestry and Urban Greening</i> , 2019, 46, 126479.	5.3	102
20	Method of Traceability of Pollution Source by Machine Learning. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 310, 052082.	0.3	2
21	A Comprehensive Index for Wind Environment Evaluation of Green Building Arrangement. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 310, 022071.	0.3	0
22	A Dynamic Flow Forecast Model for Urban Drainage Using the Coupled Artificial Neural Network. <i>Water Resources Management</i> , 2019, 33, 3143-3153.	3.9	14
23	Numerical study of the effect of inner guide vanes on performance of multi-blade centrifugal fan of range hood. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 332, 022028.	0.3	1
24	The effect of make-up air system on the performance of oil fume collection in commercial kitchen. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 332, 022029.	0.3	0
25	A neural network prediction of eutrophication index of mainstream discharged tributary flow in a rainstorm. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 371, 032068.	0.3	0
26	On improvement of water quality of a reservoir by optimizing water exchange. <i>Environmental Progress and Sustainable Energy</i> , 2018, 37, 399-409.	2.3	7
27	The numerical study of the thermal performance of a condensing gas-water heater. <i>Numerical Heat Transfer; Part A: Applications</i> , 2018, 74, 1468-1485.	2.1	0
28	The prediction of heat efficiency and pollutant emission of non-rated loaded condensing heat exchangers. <i>Clean Technologies and Environmental Policy</i> , 2018, 20, 2299-2310.	4.1	2
29	Performance of casting aluminum-silicon alloy condensing heating exchanger for gas-fired boiler. <i>Heat and Mass Transfer</i> , 2018, 54, 1951-1960.	2.1	13
30	On real-time risk evaluation of accident in water quality control zone. <i>Ecological Indicators</i> , 2018, 93, 123-128.	6.3	1
31	The use of genetic algorithm and self-updating artificial neural network for the inverse design of cabin environment. <i>Indoor and Built Environment</i> , 2017, 26, 347-354.	2.8	16
32	Numerical simulation of suspended sediment concentration by 3D coupled wave-current model in the Oujiang River Estuary, China. <i>Continental Shelf Research</i> , 2017, 137, 13-24.	1.8	13
33	The inverse optimization of exhaust hood by using intelligent algorithms and CFD simulation. <i>Powder Technology</i> , 2017, 315, 282-289.	4.2	21
34	Application of EFDC model to grading the eutrophic state of reservoir: case study in Tianjin Erwangzhuang Reservoir, China. <i>Engineering Applications of Computational Fluid Mechanics</i> , 2017, 11, 111-126.	3.1	10
35	Exploring heating performance of gas engine heat pump with heat recovery. <i>Journal of Central South University</i> , 2016, 23, 1931-1936.	3.0	9
36	Ecological rehabilitation prediction of enhanced key-food-web offshore restoration technique by wall roughening. <i>Ocean and Coastal Management</i> , 2016, 128, 1-9.	4.4	4

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37	Determination of the oil spill removal area by oil particle tracking in a harbor. <i>Oceanological and Hydrobiological Studies</i> , 2016, 45, 230-238.	0.7	2
38	Comparing the linear and logarithm normalized artificial neural networks in inverse design of aircraft cabin environment. <i>Building Simulation</i> , 2016, 9, 729-734.	5.6	7
39	Numerical Simulation of Plantâ€™microbial Remediation for Petroleum-polluted Soil. <i>Soil and Sediment Contamination</i> , 2016, 25, 727-738.	1.9	6
40	PROCESS RESPONSE OF WASTEWATER TREATMENT PLANT UNDER LARGE RAINFALL INFLUENT FLOW. <i>Environmental Engineering and Management Journal</i> , 2016, 15, 2357-2365.	0.6	1
41	Identification of indoor contaminant source location by a single concentration sensor. <i>Air Quality, Atmosphere and Health</i> , 2015, 8, 115-122.	3.3	7
42	Optimization of a premixed cylindrical burner for low pollutant emission. <i>Energy Conversion and Management</i> , 2015, 99, 151-160.	9.2	23
43	On intensive process of quantity and quality improvement of wastewater treatment plant under rainfall conditions. <i>Desalination and Water Treatment</i> , 2015, 53, 330-339.	1.0	6
44	Determination of the optimal control parameter range of air supply in an aircraft cabin. <i>Building Simulation</i> , 2015, 8, 465-476.	5.6	10
45	Application of EFDC Model to Waterfront Planning: Case Study of Tianjin Harbor Economic Zone, China. <i>Engineering Applications of Computational Fluid Mechanics</i> , 2014, 8, 1-13.	3.1	10
46	A double film model and its application to the stability of liquidâ€™liquid stratified flow. <i>Physica Scripta</i> , 2014, 89, 065001.	2.5	0
47	Inverse design of aircraft cabin environment by coupling artificial neural network and genetic algorithm. <i>HVAC and R Research</i> , 2014, 20, 836-843.	0.6	14
48	On structure and maturity changes of the Bohai Sea ecosystem during the 1980sâ€™1990s. <i>Aquatic Ecosystem Health and Management</i> , 2014, 17, 186-195.	0.6	2
49	Applying neural networks to solve the inverse problem of indoor environment. <i>Indoor and Built Environment</i> , 2014, 23, 1187-1195.	2.8	29
50	Marangoni instability of immiscible liquidâ€™liquid stratified flow with a planar interface in the presence of interfacial mass transfer. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2014, 45, 772-779.	5.3	15
51	Key food web technique and evaluation of nearshore marine ecological restoration of Bohai Bay. <i>Ocean and Coastal Management</i> , 2014, 95, 1-10.	4.4	9
52	A simulation-based inverse design of preset aircraft cabin environment. <i>Building and Environment</i> , 2014, 82, 20-26.	6.9	41
53	Optimization of gas mixing system of premixed burner based on CFD analysis. <i>Energy Conversion and Management</i> , 2014, 85, 131-139.	9.2	20
54	Assessment of marine ecosystem health of Tianjin Offshore, China. <i>Oceanological and Hydrobiological Studies</i> , 2013, 42, 442-450.	0.7	7

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55	On optimal design and experimental validation of household appliance burner of low pollutant emission. <i>Energy Conversion and Management</i> , 2013, 76, 837-845.	9.2	11
56	Influence factors and prediction of stormwater runoff of urban green space in Tianjin, China: laboratory experiment and quantitative theory model. <i>Water Science and Technology</i> , 2013, 67, 869-876.	2.5	15
57	Modelling of Cd Transformation in Water. <i>Research Journal of Applied Sciences, Engineering and Technology</i> , 2013, 6, 339-344.	0.1	0
58	Transportation and Risk Analysis of Influenza Indoor and Outdoor Transportation and Exposure Risk Analysis of Influenza Aerosol. <i>Indoor and Built Environment</i> , 2012, 21, 614-621.	2.8	12
59	Selection method of ecological restoration technology of suburban water system. , 2011, , .		0
60	On selection principle of ecological restoration technology of suburban contaminated soil. , 2011, , .		0
61	On Regulation of Urban Runoff Pollution Abatement. <i>Advances in Intelligent and Soft Computing</i> , 2011, , 645-650.	0.2	0
62	Optimization of Urban Rainwater Drainage System with Help of Remote Sensing Technology. <i>Advances in Intelligent and Soft Computing</i> , 2011, , 651-656.	0.2	0
63	On the Control Strategies of Initial Period Rainwater Pollution in Tianjin City. , 2010, , .		3
64	Combined effects of EDL and boundary slip on mean flow and its stability in microchannels. <i>Comptes Rendus - Mecanique</i> , 2010, 338, 181-190.	2.1	9
65	Analysis of EDL Effects on the Flow and Flow Stability in Microchannels. <i>Journal of Hydrodynamics</i> , 2010, 22, 725-731.	3.2	10
66	Evaluation of Influenza Virus Exposure Risk in a Building Group. , 2010, , .		1
67	Simulation of Pathogen Transport around Buildings Based on Three-Dimensional Model. , 2009, , .		2
68	The Study of Pathogen Particles Spread around Buildings by Considering the Pathogen Survival Time in Air. , 2009, , .		2
69	Three-Dimensional Simulation of Pathogen Particles Spread Around Buildings. , 2009, , .		2
70	Large Eddy Simulation of Virus Transport Around Buildings. , 2009, , .		1
71	APPLYING SURFACE ACOUSTIC WAVES TECHNIQUE FOR FILM ADHESIVENESS DETERMINATION. <i>Surface Review and Letters</i> , 2009, 16, 287-290.	1.1	1
72	Stability of Liquid-Liquid Stratified Microchannel Flow under the Effects of Boundary Slip. <i>International Journal of Chemical Reactor Engineering</i> , 2009, 7, .	1.1	13

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73	Dynamics simulation of bottom high-sediment sea water movement under waves. <i>Frontiers of Architecture and Civil Engineering in China</i> , 2009, 3, 312-315.	0.4	0
74	Determining of Young's modulus of multi-layered structure by SAWs method. , 2008, , .		0
75	Numerical Simulation of Pathogen Transport Around Buildings. , 2008, , .		1
76	The determination for the adhesion of film and substrate by surface acoustic waves. <i>Surface and Coatings Technology</i> , 2007, 201, 9594-9597.	4.8	14
77	Effects of boundary slip and apparent viscosity on the stability of microchannel flow. <i>Forschung Im Ingenieurwesen/Engineering Research</i> , 2007, 71, 99-106.	1.6	12
78	Active control and a simple estimation method for the onset of Rayleigh-Bénard convection in temperature-dependent-viscosity liquids. <i>Heat and Mass Transfer</i> , 2003, 40, 75-81.	2.1	1
79	Feedback control of the instability of a fluid layer flowing down a vertical cylinder. <i>International Journal of Heat and Mass Transfer</i> , 2002, 45, 4537-4542.	4.8	8