

Guohe Huang

List of Publications by Year in descending order

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1,077
papers

31,973
citations

8181

76
h-index

22832

112
g-index

1089
all docs

1089
docs citations

1089
times ranked

16655
citing authors

#	ARTICLE	IF	CITATIONS
1	A sustainable road pricing oriented bilevel optimization approach under multiple environmental uncertainties. <i>International Journal of Sustainable Transportation</i> , 2022, 16, 152-165.	4.1	2
2	A maximum entropy copula-based frequency analysis method for assessing bivariate drought risk: a case study of the Kaidu River Basin. <i>Journal of Water and Climate Change</i> , 2022, 13, 175-189.	2.9	10
3	Stepwise- ϵ -clustered heatwave downscaling and projection for Guangdong Province. <i>International Journal of Climatology</i> , 2022, 42, 2835-2860.	3.5	11
4	Electrically conductive inorganic membranes: A review on principles, characteristics and applications. <i>Chemical Engineering Journal</i> , 2022, 427, 131987.	12.7	53
5	Superwetting polyethersulfone membrane functionalized with ZrO ₂ nanoparticles for polycyclic aromatic hydrocarbon removal. <i>Journal of Materials Science and Technology</i> , 2022, 98, 14-25.	10.7	14
6	Development of an SMR-induced environmental input-output analysis model – Application to Saskatchewan, Canada. <i>Science of the Total Environment</i> , 2022, 806, 150297.	8.0	3
7	Bayesian model averaging of the RegCM temperature projections: a Canadian case study. <i>Journal of Water and Climate Change</i> , 2022, 13, 771-785.	2.9	2
8	Stochastic RCM-driven cooling and heating energy demand analysis for residential building. <i>Renewable and Sustainable Energy Reviews</i> , 2022, 153, 111764.	16.4	5
9	Analysis of South American climate and teleconnection indices. <i>Journal of Contaminant Hydrology</i> , 2022, 244, 103915.	3.3	2
10	Nanocellulose enhances the dispersion and toxicity of ZnO NPs to green algae <i>Eremosphaera viridis</i> . <i>Environmental Science: Nano</i> , 2022, 9, 393-405.	4.3	10
11	A Multi-Stochastic SMR Siting Model Applied to the Province of Saskatchewan, Canada: Emphasis on Technological Competition and Policy Impacts. <i>Resources, Conservation and Recycling</i> , 2022, 178, 106059.	10.8	1
12	Multi-watershed nonpoint source pollution management through coupling Bayesian-based simulation and mechanism-based effluent trading optimization. <i>Stochastic Environmental Research and Risk Assessment</i> , 2022, 36, 1313-1351.	4.0	4
13	Treatment of decentralized low-strength livestock wastewater using microcurrent-assisted multi-soil-layering systems: performance assessment and microbial analysis. <i>Chemosphere</i> , 2022, 294, 133536.	8.2	6
14	Development of an integrated bi-level model for China's multi-regional energy system planning under uncertainty. <i>Applied Energy</i> , 2022, 308, 118299.	10.1	13
15	Sustainable conjunctive water management model for alleviating water shortage. <i>Journal of Environmental Management</i> , 2022, 304, 114243.	7.8	12
16	Energy-water-carbon nexus system planning: A case study of Yangtze River Delta urban agglomeration, China. <i>Applied Energy</i> , 2022, 308, 118144.	10.1	24
17	Synergic management of crop planting structure and biomass utilization pathways under a food-energy-water nexus perspective. <i>Journal of Cleaner Production</i> , 2022, 335, 130314.	9.3	10
18	A stepwise emission clustering analysis method for analyzing the effects of heavy metal emissions from multiple income groups. <i>Science of the Total Environment</i> , 2022, 812, 152472.	8.0	1

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19	Development of non-deterministic energy-water-carbon nexus planning model: A case study of Shanghai, China. <i>Energy</i> , 2022, 246, 123300.	8.8	11
20	A multivariate statistical input-output model for analyzing water-carbon nexus system from multiple perspectives - Jing-Jin-Ji region. <i>Applied Energy</i> , 2022, 310, 118560.	10.1	14
21	Analyzing extreme precipitation and temperature in Central Asia as well as quantifying their main and interactive effects under multiple uncertainties. <i>Journal of Hydrology</i> , 2022, 607, 127469.	5.4	5
22	Development of a stochastic multistage lifecycle programming model for electric power system planning - A case study for the Province of Saskatchewan, Canada. <i>Renewable and Sustainable Energy Reviews</i> , 2022, 158, 112044.	16.4	7
23	A Stepwise Clustered Hydrological Model for Addressing the Temporal Autocorrelation of Daily Streamflows in Irrigated Watersheds. <i>Water Resources Research</i> , 2022, 58, .	4.2	9
24	Development of a Stepwise-Clustered Multi-Catchment Hydrological Model for Quantifying Interactions in Regional Climate-Runoff Relationships. <i>Water Resources Research</i> , 2022, 58, .	4.2	5
25	A coupled non-deterministic optimization and mixed-level factorial analysis model for power generation expansion planning - A case study of Jing-Jin-Ji metropolitan region, China. <i>Applied Energy</i> , 2022, 311, 118621.	10.1	3
26	Development of a multi-GCMs Bayesian copula method for assessing multivariate drought risk under climate change: A case study of the Aral Sea basin. <i>Catena</i> , 2022, 212, 106048.	5.0	12
27	Water Footprint Analysis Under Dual Pressures of Carbon Mitigation and Trade Barrier: A CGE-Based Study for Yangtze River Economic Belt. <i>Water Resources Research</i> , 2022, 58, .	4.2	3
28	Mapping Water, Energy and Carbon Footprints Along Urban Agglomeration Supply Chains. <i>Earth's Future</i> , 2022, 10, .	6.3	3
29	Low-Cost ceramic disk filters coated with Graphitic carbon nitride (g-C ₃ N ₄) for drinking water disinfection and purification. <i>Separation and Purification Technology</i> , 2022, 292, 120999.	7.9	10
30	A fixed-mix stochastic fractional programming method for optimizing agricultural irrigation and hydropower generation in Central Asia. <i>Journal of Contaminant Hydrology</i> , 2022, 248, 104004.	3.3	2
31	Planning energy economy and eco-environment nexus system under uncertainty: A copula-based stochastic multi-level programming method. <i>Applied Energy</i> , 2022, 312, 118736.	10.1	9
32	Optimal design of two-dimensional water trading based on risk aversion for sustainable development of Daguhe watershed, China. <i>Journal of Environmental Management</i> , 2022, 309, 114679.	7.8	5
33	Planning water-food-ecology nexus system under uncertainty: Tradeoffs and synergies in Central Asia. <i>Agricultural Water Management</i> , 2022, 266, 107549.	5.6	3
34	Planning regional-scale water-energy-food nexus system management under uncertainty: An inexact fractional programming method. <i>Journal of Contaminant Hydrology</i> , 2022, 247, 103985.	3.3	6
35	A two-phase factorial input-output model for analyzing CO ₂ -emission reduction pathway and strategy from multiple perspectives - A case study of Fujian province. <i>Energy</i> , 2022, 248, 123615.	8.8	11
36	An improved fuzzy sorting algorithm coupling bi-level programming for synergetic optimization of agricultural water resources: A case study of Fujian Province, China. <i>Journal of Environmental Management</i> , 2022, 312, 114946.	7.8	3

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37	Identifying critical energy-water paths and clusters within the urban agglomeration using machine learning algorithm. <i>Energy</i> , 2022, 250, 123880.	8.8	8
38	Development of a disaggregated multi-level factorial hydrologic data assimilation model. <i>Journal of Hydrology</i> , 2022, 610, 127802.	5.4	11
39	Perspectives on environmental applications of hexagonal boron nitride nanomaterials. <i>Nano Today</i> , 2022, 44, 101486.	11.9	60
40	A factorial interval chance-constrained diet model for dairy farms under climate change: A case study for the Province of Saskatchewan, Canada. <i>Journal of Cleaner Production</i> , 2022, 360, 132059.	9.3	3
41	Conjunctive Water Management under Multiple Uncertainties: A Case Study of the Amu Darya River Basin, Central Asia. <i>Water (Switzerland)</i> , 2022, 14, 1541.	2.7	0
42	Sector-level socio-economic and environmental effects of large-scale hydropower initiatives -- a multi-region multi-phase model for the Wudongde Hydropower Station. <i>Applied Energy</i> , 2022, 317, 119157.	10.1	5
43	An interval two-stage fuzzy fractional programming model for planning water resources management in the coastal region -- A case study of Shenzhen, China. <i>Environmental Pollution</i> , 2022, 306, 119343.	7.5	3
44	Inter-Provincial Electricity Trading and Its Effects on Carbon Emissions from the Power Industry. <i>Energies</i> , 2022, 15, 3601.	3.1	4
45	Analyzing spatial-temporal change of multivariate drought risk based on Bayesian copula: Application to the Balkhash Lake basin. <i>Theoretical and Applied Climatology</i> , 2022, 149, 787-804.	2.8	3
46	Optimizing effluent trading and risk management schemes considering dual risk aversion for an agricultural watershed. <i>Agricultural Water Management</i> , 2022, 269, 107716.	5.6	14
47	Development of a Joint Probabilistic Rainfall-Runoff Model for High-Extreme Flow Projections Under Changing Climatic Conditions. <i>Water Resources Research</i> , 2022, 58, .	4.2	7
48	Developing a factorial hypothetical extraction model for assessing composite effects on cutting national carbon emission intensity. <i>Journal of Environmental Sciences</i> , 2022, , .	6.1	0
49	Photocatalytic disinfection for point-of-use water treatment using Ti ³⁺ self-doping TiO ₂ nanoparticle decorated ceramic disk filter. <i>Environmental Research</i> , 2022, 212, 113602.	7.5	5
50	Identifying Main Factors of Wind Power Generation Based on Principal Component Regression: A Case Study of Xiamen. , 2022, , .		0
51	Functional flax fiber with UV-induced switchable wettability for multipurpose oil-water separation. <i>Frontiers of Environmental Science and Engineering</i> , 2022, 16, .	6.0	9
52	Multifactorial Principal-Monotonicity Inference for Macro-Scale Distributed Hydrologic Modeling. <i>Water Resources Research</i> , 2022, 58, .	4.2	2
53	Impact from the evolution of private vehicle fleet composition on traffic related emissions in the small-medium automotive city. <i>Science of the Total Environment</i> , 2022, 840, 156657.	8.0	6
54	Exploring the embodied carbon flow interactive relationships in China from an ecological network perspective: a model framework and application at provincial level. <i>Environmental Science and Pollution Research</i> , 2022, 29, 88972-88988.	5.3	2

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55	Medium- and Long-Term Planning of an Integrated Eco-Compensation System Considering Ecological Water Demand under Uncertainty: A Case Study of Daguhe Watershed in China. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2022, 148, .	2.6	4
56	Stepwise clustering future meteorological drought projection and multi-level factorial analysis under climate change: A case study of the Pearl River Basin, China. <i>Environmental Research</i> , 2021, 196, 110368.	7.5	29
57	Removal of arsenic from water through ceramic filter modified by nano-CeO ₂ : A cost-effective approach for remote areas. <i>Science of the Total Environment</i> , 2021, 750, 141510.	8.0	23
58	Exploration of nanocellulose washing agent for the green remediation of phenanthrene-contaminated soil. <i>Journal of Hazardous Materials</i> , 2021, 403, 123861.	12.4	23
59	Inter-regional cluster analysis of heavy-metal emissions. <i>Journal of Cleaner Production</i> , 2021, 282, 124439.	9.3	6
60	Exploring the decentralized treatment of sulfamethoxazole-contained poultry wastewater through vertical-flow multi-soil-layering systems in rural communities. <i>Water Research</i> , 2021, 188, 116480.	11.3	48
61	Review of aquatic toxicity of pharmaceuticals and personal care products to algae. <i>Journal of Hazardous Materials</i> , 2021, 410, 124619.	12.4	73
62	A GIS-based multi-criteria decision making method for the potential assessment and suitable sites selection of PV and CSP plants. <i>Resources, Conservation and Recycling</i> , 2021, 168, 105306.	10.8	55
63	Risk of hydrological failure under the compound effects of instant flow and precipitation peaks under climate change: A case study of Mountain Island Dam, North Carolina. <i>Journal of Cleaner Production</i> , 2021, 284, 125305.	9.3	10
64	Identifying the key sectors for regional energy, water and carbon footprints from production-, consumption- and network-based perspectives. <i>Science of the Total Environment</i> , 2021, 764, 142821.	8.0	34
65	Carbon-subsidized inter-regional electric power system planning under cost-risk tradeoff and uncertainty: A case study of Inner Mongolia, China. <i>Renewable and Sustainable Energy Reviews</i> , 2021, 135, 110439.	16.4	16
66	A factorial CGE model for analyzing the impacts of stepped carbon tax on Chinese economy and carbon emission. <i>Science of the Total Environment</i> , 2021, 759, 143512.	8.0	55
67	Urban land-use planning under multi-uncertainty and multiobjective considering ecosystem service value and economic benefit - A case study of Guangzhou, China. <i>Ecological Complexity</i> , 2021, 45, 100886.	2.9	18
68	Vine Copula Ensemble Downscaling for Precipitation Projection Over the Loess Plateau Based on High-Resolution Multi-RCM Outputs. <i>Water Resources Research</i> , 2021, 57, .	4.2	12
69	Comprehensive evaluation of adsorption performances of carbonaceous materials for sulfonamide antibiotics removal. <i>Environmental Science and Pollution Research</i> , 2021, 28, 2400-2414.	5.3	10
70	Long-term effects of TBBPA-contaminated pyrogenic organic matter under abiotic aging: insights on immobilization capacity, surface functionality correlation, and phytotoxicity to <i>Thinopyrum ponticum</i> . <i>Environmental Science: Nano</i> , 2021, 8, 1896-1909.	4.3	1
71	A Structural Adjustment optimization model for electric-power system management under multiple Uncertainties—A case study of Urumqi city, China. <i>Energy Policy</i> , 2021, 149, 112056.	8.8	4
72	Probabilistic assessment of crop yield loss to drought time-scales in Xinjiang, China. <i>International Journal of Climatology</i> , 2021, 41, 4077-4094.	3.5	12

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73	An integrated multi-GCMs Bayesian-neural-network hydrological analysis method for quantifying climate change impact on runoff of the Amu Darya River basin. <i>International Journal of Climatology</i> , 2021, 41, 3411-3424.	3.5	12
74	Ensemble projection of city-level temperature extremes with stepwise cluster analysis. <i>Climate Dynamics</i> , 2021, 56, 3313-3335.	3.8	11
75	A multicriteria small modular reactor site selection model under long-term variations of climatic conditions – A case study for the province of Saskatchewan, Canada. <i>Journal of Cleaner Production</i> , 2021, 290, 125651.	9.3	5
76	Optimization of Water-Food Nexus System under Dual Uncertainties. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 691, 012010.	0.3	0
77	Assessment and offset of the adverse effects induced by PM2.5 from coal-fired power plants in China. <i>Journal of Cleaner Production</i> , 2021, 286, 125397.	9.3	9
78	Assessment of the effects of human activity and natural condition on the outflow of Syr Darya River: A stepwise-cluster factorial analysis method. <i>Environmental Research</i> , 2021, 194, 110634.	7.5	5
79	An integrated Bayesian least-squares-support-vector-machine factorial-analysis (B-LSVM-FA) method for inferring inflow from the Amu Darya to the Aral Sea under ensemble prediction. <i>Journal of Hydrology</i> , 2021, 594, 125909.	5.4	10
80	Projection of apparent temperature using statistical downscaling approach in the Pearl River Delta. <i>Theoretical and Applied Climatology</i> , 2021, 144, 1253-1266.	2.8	3
81	Development of a factorial water policy simulation approach from production and consumption perspectives. <i>Water Research</i> , 2021, 193, 116892.	11.3	23
82	Synergetic management of energy-water nexus system under uncertainty: An interval bi-level joint-probabilistic programming method. <i>Journal of Cleaner Production</i> , 2021, 292, 125942.	9.3	16
83	Development of an integrated multivariate trend-frequency analysis method: Spatial-temporal characteristics of climate extremes under global warming for Central Asia. <i>Environmental Research</i> , 2021, 195, 110859.	7.5	32
84	A copula-based stochastic fractional programming method for optimizing water-food-energy nexus system under uncertainty in the Aral Sea basin. <i>Journal of Cleaner Production</i> , 2021, 292, 126037.	9.3	32
85	Development of clustered polynomial chaos expansion model for stochastic hydrological prediction. <i>Journal of Hydrology</i> , 2021, 595, 126022.	5.4	16
86	Wind Farm Location Special Optimization Based on Grid GIS and Choquet Fuzzy Integral Method in Dalian City, China. <i>Energies</i> , 2021, 14, 2454.	3.1	3
87	A C-Vine Copula-Based Quantile Regression Method for Streamflow Forecasting in Xiangxi River Basin, China. <i>Sustainability</i> , 2021, 13, 4627.	3.2	4
88	Multi-hierarchy virtual-water management – A case study of Hubei Province, China. <i>Journal of Cleaner Production</i> , 2021, 293, 126244.	9.3	9
89	Hazardous chemical accident prediction for drinking water sources in Three Gorges Reservoir. <i>Journal of Cleaner Production</i> , 2021, 296, 126529.	9.3	8
90	SMR siting for the electricity system management. <i>Journal of Cleaner Production</i> , 2021, 297, 126621.	9.3	4

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91	Systematic evaluation for hydropower exploitation rationality in hydro-dominant area: A case study of Sichuan Province, China. <i>Renewable Energy</i> , 2021, 168, 1096-1111.	8.9	10
92	An inexact two-stage multi-objective waste management planning model under considerations of subsidies and uncertainties: A case study of Baotou, China. <i>Journal of Cleaner Production</i> , 2021, 298, 126873.	9.3	15
93	Economic sensitivity analysis of dual perspectives induced by energy scarcity for energy-dependent region. <i>Science of the Total Environment</i> , 2021, 768, 144876.	8.0	13
94	A chance-constrained urban agglomeration energy model for cooperative carbon emission management. <i>Energy</i> , 2021, 223, 119885.	8.8	9
95	Analyzing streamflow variation in the data-sparse mountainous regions: An integrated CCA-RF-FA framework. <i>Journal of Hydrology</i> , 2021, 596, 126056.	5.4	11
96	A two-stage factorial-analysis-based input-output model for virtual-water quantification and metabolic-network identification in Kyrgyzstan. <i>Journal of Cleaner Production</i> , 2021, 301, 126960.	9.3	9
97	Economic modeling of national energy, water and air pollution nexus in China under changing climate conditions. <i>Renewable Energy</i> , 2021, 170, 375-386.	8.9	16
98	A fractional multi-stage simulation-optimization energy model for carbon emission management of urban agglomeration. <i>Science of the Total Environment</i> , 2021, 774, 144963.	8.0	15
99	Impacts of climate variations on non-stationarity of streamflow over Canada. <i>Environmental Research</i> , 2021, 197, 111118.	7.5	12
100	A multi-scenario factorial analysis and multi-regional input-output model for analyzing CO ₂ emission reduction path in Jing-Jin-Ji region. <i>Journal of Cleaner Production</i> , 2021, 300, 126782.	9.3	23
101	Assessment of regional greenhouse gas emissions from spring wheat cropping system: A case study of Saskatchewan in Canada. <i>Journal of Cleaner Production</i> , 2021, 301, 126917.	9.3	6
102	Trophic transfer potential of nTiO ₂ , nZnO, and triclosan in an algae-algae eating fish food chain. <i>Aquatic Toxicology</i> , 2021, 235, 105824.	4.0	22
103	Optimal design and sensitivity analysis of the stand-alone hybrid energy system with PV and biomass-CHP for remote villages. <i>Energy</i> , 2021, 225, 120323.	8.8	50
104	Development of enthalpy-based climate indicators for characterizing building cooling and heating energy demand under climate change. <i>Renewable and Sustainable Energy Reviews</i> , 2021, 143, 110799.	16.4	9
105	Multi-level factorial analysis for ensemble data-driven hydrological prediction. <i>Advances in Water Resources</i> , 2021, 153, 103948.	3.8	12
106	Mathematical modeling for planning water-food-ecology-energy nexus system under uncertainty: A case study of the Aral Sea Basin. <i>Journal of Cleaner Production</i> , 2021, 308, 127368.	9.3	33
107	A multi-scenario ensemble streamflow forecast method for Amu Darya River Basin under considering climate and land-use changes. <i>Journal of Hydrology</i> , 2021, 598, 126276.	5.4	15
108	A Factorial Ecological-Extended Physical Input-Output Model for Identifying Optimal Urban Solid Waste Path in Fujian Province, China. <i>Sustainability</i> , 2021, 13, 8341.	3.2	2

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109	A factorial emission-focused general equilibrium model for investigating composite effects of multiple environmental policies. <i>Water Research</i> , 2021, 201, 117336.	11.3	7
110	Ensemble Drought Exposure Projection for Multifactorial Interactive Effects of Climate Change and Population Dynamics: Application to the Pearl River Basin. <i>Earth's Future</i> , 2021, 9, e2021EF002215.	6.3	12
111	Development of a Wilks feature importance method with improved variable rankings for supporting hydrological inference and modelling. <i>Hydrology and Earth System Sciences</i> , 2021, 25, 4947-4966.	4.9	7
112	A Statistical Hydrological Model for Yangtze River Watershed Based on Stepwise Cluster Analysis. <i>Frontiers in Earth Science</i> , 2021, 9, .	1.8	2
113	The Optimization of Canola Crop Production through Wheat Residue Management within a Western Canadian Context—A Case Study of Saint-Front, Saskatchewan. <i>Sustainability</i> , 2021, 13, 10459.	3.2	0
114	Stochastic Rainwater Harvesting System Modeling Under Random Rainfall Features and Variable Water Demands. <i>Water Resources Research</i> , 2021, 57, e2021WR029731.	4.2	5
115	Life cycle-based water footprint analysis of ceramic filter for point-of-use water purification in remote areas. <i>Science of the Total Environment</i> , 2021, 786, 147424.	8.0	6
116	Long-Term Maximum and Minimum Temperature Projections Over Metro Vancouver, Canada. <i>Frontiers in Earth Science</i> , 2021, 9, .	1.8	0
117	Multi-regional industrial wastewater metabolism analysis for the Yangtze River Economic Belt, China. <i>Environmental Pollution</i> , 2021, 284, 117118.	7.5	15
118	A chance-constrained small modular reactor siting model – a case study for the Province of Saskatchewan, Canada. <i>Renewable and Sustainable Energy Reviews</i> , 2021, 148, 111320.	16.4	7
119	Segmented carbon tax may significantly affect the regional and national economy and environment—a CGE-based analysis for Guangdong Province. <i>Energy</i> , 2021, 231, 120958.	8.8	26
120	Long-Term Projection of Water Cycle Changes over China Using RegCM. <i>Remote Sensing</i> , 2021, 13, 3832.	4.0	6
121	Ensemble Temperature and Precipitation Projection for Multi-Factorial Interactive Effects of GCMs and SSPs: Application to China. <i>Frontiers in Environmental Science</i> , 2021, 9, .	3.3	12
122	Editorial Overview: Emissions of Microplastics and Their Control in the Environment. <i>Journal of Environmental Engineering, ASCE</i> , 2021, 147, .	1.4	11
123	Regional agricultural water resources management with respect to fuzzy return and energy constraint under uncertainty: An integrated optimization approach. <i>Journal of Contaminant Hydrology</i> , 2021, 242, 103863.	3.3	11
124	Investigation into the influencing factors and adsorption characteristics in the removal of sulfonamide antibiotics by carbonaceous materials. <i>Journal of Cleaner Production</i> , 2021, 319, 128692.	9.3	40
125	A review on graphitic carbon nitride (g-C ₃ N ₄) based hybrid membranes for water and wastewater treatment. <i>Science of the Total Environment</i> , 2021, 792, 148462.	8.0	51
126	A multi-scenario input-output economy-energy-environment nexus management model for Pearl River Delta urban agglomeration. <i>Journal of Cleaner Production</i> , 2021, 317, 128402.	9.3	17

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127	Characterization of canola growth and in-vivo element fate in Canadian prairie under the interferences of tillage and residue treatment. <i>Journal of Cleaner Production</i> , 2021, 320, 128707.	9.3	0
128	Identifying optimal virtual water management strategy for Kazakhstan: A factorial ecologically-extended input-output model. <i>Journal of Environmental Management</i> , 2021, 297, 113303.	7.8	12
129	Development of a distributive Three Gorges Project input-output model to investigate the disaggregated sectoral effects of Three Gorges Project. <i>Science of the Total Environment</i> , 2021, 797, 148817.	8.0	7
130	Projections of carbon metabolism in 2035 and implications for demand-side controls under various scenarios. <i>Renewable and Sustainable Energy Reviews</i> , 2021, 151, 111561.	16.4	11
131	A multi-sectoral decomposition and decoupling analysis of carbon emissions in Guangdong province, China. <i>Journal of Environmental Management</i> , 2021, 298, 113485.	7.8	60
132	Projections of meteorological drought based on CMIP6 multi-model ensemble: A case study of Henan Province, China. <i>Journal of Contaminant Hydrology</i> , 2021, 243, 103887.	3.3	9
133	Anomalous Tension Twinning Activity in Extruded Mg Sheet During Hard-Orientation Loading at Room Temperature. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2021, 52, 449-456.	2.2	22
134	Will the Chemical Contaminants in Agricultural Soil Affect the Ecotoxicity of Microplastics?. <i>ACS Agricultural Science and Technology</i> , 2021, 1, 3-4.	2.3	11
135	Unveiling Carbon Emission Attributions along Sale Chains. <i>Environmental Science & Technology</i> , 2021, 55, 220-229.	10.0	18
136	Temporal-Spatial changes of monthly vegetation growth and their driving forces in the ancient Yellow river irrigation system, China. <i>Journal of Contaminant Hydrology</i> , 2021, 243, 103911.	3.3	4
137	Risk Assessment of Dam-Breach Flood Under Extreme Storm Events. <i>Frontiers in Environmental Science</i> , 2021, 9, .	3.3	1
138	Quantifying effects of compound dry-hot extremes on vegetation in Xinjiang (China) using a vine-copula conditional probability model. <i>Agricultural and Forest Meteorology</i> , 2021, 311, 108658.	4.8	23
139	Dynamical Downscaling of Temperature Variations over the Canadian Prairie Provinces under Climate Change. <i>Remote Sensing</i> , 2021, 13, 4350.	4.0	13
140	Planning a Water-“Food”-Energy-“Ecology Nexus System toward Sustainability: A Copula Bi-level Fractional Programming Method. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 15212-15228.	6.7	9
141	Optimizing Water Resources Allocation and Hydropower Generation for Supporting Reservoir Management. , 2021, , .		0
142	An Ecological-network-analysis Input-output Model for Analyzing Energy Consumption in Fujian Province. , 2021, , .		0
143	A Stepwise-Clustered Simulation Approach for Projecting Future Heat Wave Over Guangdong Province. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	2.2	3
144	Quantifying Energy Consumption and Trade in Kyrgyzstan Based on Energy-extended Input-output Model. , 2021, , .		0

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145	A genetic-algorithm-aided fuzzy chance-constrained programming model for municipal solid waste management. <i>Engineering Optimization</i> , 2020, 52, 652-668.	2.6	9
146	Revealing dynamic impacts of socioeconomic factors on air pollution changes in Guangdong Province, China. <i>Science of the Total Environment</i> , 2020, 699, 134178.	8.0	21
147	Evolution of virtual water metabolic network in developing regions: A case study of Guangdong province. <i>Ecological Indicators</i> , 2020, 108, 105750.	6.3	20
148	A novel multi-stage fuzzy stochastic programming for electricity system structure optimization and planning with energy-water nexus - A case study of Tianjin, China. <i>Energy</i> , 2020, 190, 116418.	8.8	26
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