Bing Xue

List of Publications by Year in Descending Order

120 papers	3,447 citations	30 h-index	56 g-index
132 ext. papers	4,285 ext. citations	5.7 avg, IF	5.82 L-index

#	Paper	IF	Citations
120	Influences of the COVID-19 pandemic and response strategies on residents' psychological state: The survey from Hainan Island.. *PLoS ONE*, **2022**, 17, e0261537	3.7	
119	Spatio-Temporal Processes and Characteristics of Vegetation Recovery in the Earthquake Area: A Case Study of Wenchuan, China. *Land*, **2022**, 11, 477	3.5	0
118	Impact of Industry 4.0 on corporate environmental sustainability: Comparing practitioners perceptions from China, Brazil and Germany. *Sustainable Production and Consumption*, **2022**, 31, 287-300	8.2	0
117	Towards Multi-Scale Space-Time Characteristics of Air Quality and Population Exposure Risk. *Sustainability*, **2022**, 14, 96	3.6	0
116	Multi-objective Genetic Programming with the Adaptive Weighted Splines Representation for Symbolic Regression. *Lecture Notes in Computer Science*, **2022**, 51-67	0.9	
115	A New Genetic Algorithm for Automated Spectral Pre-processing in Nutrient Assessment. *Lecture Notes in Computer Science*, **2022**, 283-298	0.9	
114	Reshaping Natural Resource Management in China. *Sustainable Development Goals Series*, **2021**, 89-103	0.5	
113	Regional Differentiation and Influencing Factor Analysis of Residents' Psychological Status during the Early Stage of the COVID-19 Pandemic in South China. *International Journal of Environmental Research and Public Health*, **2021**, 18,	4.6	2
112	A Quantitative Modeling and Prediction Method for Sustained Rainfall-PM2.5 Removal Modes on a Micro-Temporal Scale. *Sustainability*, **2021**, 13, 11022	3.6	0
111	A survey-based investigation of greenhouse gas and pollutant emissions from household energy consumption in the Qinghai-Tibet Plateau of China. *Energy and Buildings*, **2021**, 235, 110753	7	10
110	Urban Circular Economy in China: A Review Based on Chinese Literature Studies. *Complexity*, **2021**, 2021, 1-10	1.6	0
109	Survey on Public Psychological Intervention Demand and Influence Factors Analysis. *International Journal of Environmental Research and Public Health*, **2021**, 18,	4.6	1
108	Influence of Major Public Health Emergencies on Family Relationship and Humanistic Geographical Characteristics of China. *International Journal of Environmental Research and Public Health*, **2021**, 18,	4.6	4
107	The COVID-19 crisis deepens the gulf between leaders and laggards in the global energy transition. *Energy Research and Social Science*, **2021**, 74, 101981	7.7	17
106	Opportunity or threat in balancing social, economic and environmental impacts: The appearance of the Polar Silk Road. *Environmental Impact Assessment Review*, **2021**, 88, 106570	5.3	4
105	Comparison of Usage and Influencing Factors between Governmental Public Bicycles and Dockless Bicycles in Linfen City, China. *Sustainability*, **2021**, 13, 6890	3.6	2
104	Genetic Algorithm for Feature and Latent Variable Selection for Nutrient Assessment in Horticultural Products **2021**,		2

103	Emergy-based indicators of the environmental impacts and driving forces of non-point source pollution from crop production in China. *Ecological Indicators*, **2021**, 121, 107023	5.8	7
102	Effects of social capital, risk perception and awareness on environmental protection behavior. *Ecosystem Health and Sustainability*, **2021**, 7, 1942996	3.7	2
101	Modeling of Waste Flow in Industrial Symbiosis System at City-Region Level: A Case Study of Jinchang, China. *Sustainability*, **2021**, 13, 466	3.6	3
100	An Exploratory Evaluation of Multiscale Data Analysis for Landform Element Detection on High-Resolution DEM. *IEEE Geoscience and Remote Sensing Letters*, **2021**, 1-5	4.1	
99	Improvement of environmental performance and optimization of industrial structure of the Yangtze River economic belt in China: going forward together or restraining each other?. *Journal of Chinese Governance*, **2021**, 6, 435-455	2.2	2
98	Spatial evolution of population change in Northeast China during 1992–2018. *Science of the Total Environment*, **2021**, 776, 146023	10.2	26
97	Multi-objective genetic programming for symbolic regression with the adaptive weighted splines representation **2021**,		1
96	Transport energy consumption of rural households in the Tibetan Plateau of China. *Proceedings of Institution of Civil Engineers: Energy*, **2021**, 174, 137-144	0.7	1
95	What factors affect the water saving behaviors of farmers in the Loess Hilly Region of China?. *Journal of Environmental Management*, **2021**, 292, 112683	7.9	7
94	Ontology-Based Probabilistic Estimation for Assessing Semantic Similarity of Land Use/Land Cover Classification Systems. *Land*, **2021**, 10, 920	3.5	
93	Aspect in Topography to Enhance Fine-detailed Landform Element Extraction on High-resolution DEM. *Chinese Geographical Science*, **2021**, 31, 915-930	2.9	
92	Contribution of urban ventilation to the thermal environment and urban energy demand: Different climate background perspectives. *Science of the Total Environment*, **2021**, 795, 148791	10.2	47
91	An Assessment of Poverty Alleviation Measures and Sustainable Livelihood Capability of Farm Households in Rural China: A Sustainable Livelihood Approach. *Agriculture (Switzerland)*, **2021**, 11, 1230	3	13
90	Integrating Quantity and Quality to Assess Urban Green Space Improvement in the Compact City. *Land*, **2021**, 10, 1367	3.5	6
89	Bag of Geomorphological Words: A Framework for Integrating Terrain Features and Semantics to Support Landform Object Recognition from High-Resolution Digital Elevation Models. *ISPRS International Journal of Geo-Information*, **2020**, 9, 620	2.9	1
88	Measuring Regional Eco-Efficiency in China (2003-2016): A "Full World" Perspective and Network Data Envelopment Analysis. *International Journal of Environmental Research and Public Health*, **2020**, 17,	4.6	10
87	High-quality Economic Growth under the Influence of Technological Innovation Preference in China: A Numerical Simulation from the Government Financial Perspective. *Structural Change and Economic Dynamics*, **2020**, 54, 163-172	4.5	23
86	Awareness of food waste recycling in restaurants: evidence from China. *Resources, Conservation and Recycling*, **2020**, 161, 104949	11.9	20

85	A life-cycle based co-benefits analysis of biomass pellet production in China. *Renewable Energy*, **2020**, 154, 445-452	8.1	20
84	Identification method and empirical study of urban industrial spatial relationship based on POI big data: a case of Shenyang City, China. *Geography and Sustainability*, **2020**, 1, 152-162	7.3	12
83	Improving symbolic regression based on correlation between residuals and variables **2020**,		4
82	Adaptive weighted splines **2020**,		3
81	Household energy consumption characteristics of the Tus ethnic group in the northeast of the Tibetan Plateau. *Journal of Natural Resources*, **2020**, 35, 2793	0.5	
80	Indicators for energy transition targets in China and Germany: A text analysis. *Ecological Indicators*, **2020**, 111, 106012	5.8	13
79	Who is energy poor? Evidence from the least developed regions in China. *Energy Policy*, **2020**, 137, 111122	7.2	33
78	Rural household energy consumption of farmers and herders in the Qinghai-Tibet Plateau. *Energy*, **2020**, 192, 116649	7.9	13
77	Classification Method and Determination of Mountainous Area Types at Township Scales: A Case Study of Yuxi City, Yunnan Province. *Complexity*, **2020**, 2020, 1-13	1.6	2
76	Future trends and guidance for the triple bottom line and sustainability: a data driven bibliometric analysis. *Environmental Science and Pollution Research*, **2020**, 27, 33543-33567	5.1	33
75	Rademacher Complexity for Enhancing the Generalization of Genetic Programming for Symbolic Regression. *IEEE Transactions on Cybernetics*, **2020**, PP,	10.2	6
74	Synergistic Evaluation and Constraint Factor Analysis on Urban Industrial Ecosystems of Traditional Industrial Area in China. *Complexity*, **2020**, 2020, 1-16	1.6	1
73	Effects of the Northeast China Revitalization Strategy on Regional Economic Growth and Social Development. *Chinese Geographical Science*, **2020**, 30, 791-809	2.9	11
72	Could the Construction of Sustainable Development Pilot Zones Improve the Urban Environment Efficiency in China?. *Discrete Dynamics in Nature and Society*, **2020**, 2020, 1-9	1.1	3
71	Comparing the energy transitions in Germany and China: Synergies and recommendations. *Energy Reports*, **2019**, 5, 1249-1260	4.6	25
70	Customer Concentration and Corporate Innovation: Effects of Financing Constraints and Managers Expectation of Chinese Listed Companies. *Sustainability*, **2019**, 11, 2859	3.6	5
69	Survey on the households energy-saving behaviors and influencing factors in the rural loess hilly region of China. *Journal of Cleaner Production*, **2019**, 230, 547-556	10.3	25
68	Assessing the Economic-Environmental Efficiency of Energy Consumption and Spatial Patterns in China. *Sustainability*, **2019**, 11, 591	3.6	7

67	Features, Driving Forces and Transition of the Household Energy Consumption in China: A Review. *Sustainability*, **2019**, 11, 1186	3.6	15
66	Genetic Programming with Rademacher Complexity for Symbolic Regression **2019**,		5
65	Cross-City Convergence in Urban Green Space Coverage in China. *Sustainability*, **2019**, 11, 4707	3.6	4
64	Dynamic Panel Threshold Model-Based Analysis on Equity Restriction and Enterprise Performance in China. *Sustainability*, **2019**, 11, 6489	3.6	1
63	Effects of Officials' Cross-Regional Redeployment on Regional Environmental Quality in China. *Environmental Management*, **2019**, 64, 757-771	3.1	5
62	Structural Risk Minimization-Driven Genetic Programming for Enhancing Generalization in Symbolic Regression. *IEEE Transactions on Evolutionary Computation*, **2019**, 23, 703-717	15.6	15
61	Toward sustainable crop production in China: An emergy-based evaluation. *Journal of Cleaner Production*, **2019**, 206, 11-26	10.3	32
60	Consumers□perception, purchase intention, and willingness to pay for carbon-labeled products: A case study of Chengdu in China. *Journal of Cleaner Production*, **2018**, 171, 1664-1671	10.3	61
59	Short period PM2.5 prediction based on multivariate linear regression model. *PLoS ONE*, **2018**, 13, e0201011	3.7	27
58	More Sustainability in Industry through Industrial Internet of Things?. *Applied Sciences (Switzerland)*, **2018**, 8, 219	2.6	64
57	The Influence of Farmers□Livelihood Strategies on Household Energy Consumption in the Eastern Qinghai□Tibet Plateau, China. *Sustainability*, **2018**, 10, 1780	3.6	7
56	Reviewing air pollution and public health in China. *Proceedings of the Institution of Civil Engineers: Engineering Sustainability*, **2018**, 171, 358-367	0.9	7
55	The effects of China's western development strategy implementation on local ecological economic performance. *Journal of Cleaner Production*, **2018**, 202, 925-933	10.3	26
54	Developing a hierarchical structure of the co-benefits of the triple bottom line under uncertainty. *Journal of Cleaner Production*, **2018**, 195, 908-918	10.3	27
53	An Emergy and Decomposition Assessment of China□s Crop Production: Sustainability and Driving Forces. *Sustainability*, **2018**, 10, 3938	3.6	4
52	Residential Energy Sustainability in China and Germany: The Impact of National Energy Policy System. *Sustainability*, **2018**, 10, 4535	3.6	11
51	Economic Growth and Pollution Emission in China: Structural Path Analysis. *Sustainability*, **2018**, 10, 2569	3.6	26
50	Quantifying the Economy-Environment Interactions in Tourism: Case of Gansu Province, China. *Sustainability*, **2018**, 10, 711	3.6	17

49	Environmental influence assessment of China multi-crystalline silicon (multi-Si) photovoltaic modules considering recycling process. *Solar Energy*, **2017**, 143, 132-141	6.8	70
48	Sustainability aspects of a digitalized industry A comparative study from China and Germany. *International Journal of Precision Engineering and Manufacturing - Green Technology*, **2017**, 4, 227-234	3.8	97
47	Feature Selection to Improve Generalization of Genetic Programming for High-Dimensional Symbolic Regression. *IEEE Transactions on Evolutionary Computation*, **2017**, 21, 792-806	15.6	64
46	Modelling impact of climate change and air pollution in cities. *Proceedings of the Institution of Civil Engineers: Engineering Sustainability*, **2017**, 170, 133-140	0.9	1
45	Inter-city passenger transport in larger urban agglomeration area: emissions and health impacts. *Journal of Cleaner Production*, **2016**, 114, 412-419	10.3	25
44	Emergy-based assessment on the brownfield redevelopment of one old industrial area: a case of Tiexi in China. *Journal of Cleaner Production*, **2016**, 114, 150-159	10.3	24
43	Evaluation of GHG emissions from the production of magnesia refractory raw materials in Dashiqiao, China. *Journal of Cleaner Production*, **2016**, 135, 214-222	10.3	11
42	Extended Land-Use Coding System and Its Application in Urban Brownfield Redevelopment: Case Study of Tiexi District in Shenyang, China. *Journal of the Urban Planning and Development Division, ASCE*, **2016**, 142, 05015014	2.2	15
41	Assessing the environmental sustainability with a co-benefits approach: a study of industrial sector in Baoshan District in Shanghai. *Journal of Cleaner Production*, **2016**, 114, 114-123	10.3	16
40	The Decoupling of Resource Consumption and Environmental Impact from Economic Growth in China: Spatial Pattern and Temporal Trend. *Sustainability*, **2016**, 8, 222	3.6	24
39	Sustainability Investigation of Resource-Based Cities in Northeastern China. *Sustainability*, **2016**, 8, 1058	3.6	44
38	Improving Generalisation of Genetic Programming for Symbolic Regression with Structural Risk Minimisation **2016**,		18
37	Reconsidering brownfield redevelopment strategy in China's old industrial zone: a health risk assessment of heavy metal contamination. *Environmental Science and Pollution Research*, **2015**, 22, 2765-75	2.8	39
36	Empirical study on the environmental pressure versus economic growth in China during 1991 2012. *Resources, Conservation and Recycling*, **2015**, 101, 182-193	11.9	30
35	An overview of e-waste management in China. *Journal of Material Cycles and Waste Management*, **2015**, 17, 1-12	3.4	95
34	A life cycle co-benefits assessment of wind power in China. *Renewable and Sustainable Energy Reviews*, **2015**, 41, 338-346	16.2	59
33	A Review of China Rural Water Management. *Sustainability*, **2015**, 7, 5773-5792	3.6	41
32	Space-Time Characteristics of Vegetation Cover and Distribution: Case of the Henan Province in China. *Sustainability*, **2015**, 7, 11967-11979	3.6	4

31	Outside the tower. Honing the climate change message. *Science*, **2015**, 348, 872	33.3	9
30	Urban ecological footprint analysis: a comparative study between Shenyang in China and Kawasaki in Japan. *Journal of Cleaner Production*, **2014**, 75, 130-142	10.3	65
29	Understanding the Causality between Carbon Dioxide Emission, Fossil Energy Consumption and Economic Growth in Developed Countries: An Empirical Study. *Sustainability*, **2014**, 6, 1037-1045	3.6	28
28	Environmental Legislation in China: Achievements, Challenges and Trends. *Sustainability*, **2014**, 6, 8967-8979	3.6	25
27	Emergy-based assessment on industrial symbiosis: a case of Shenyang Economic and Technological Development Zone. *Environmental Science and Pollution Research*, **2014**, 21, 13572-87	5.1	91
26	Emergy-Based City Sustainability and Decoupling Assessment: Indicators, Features and Findings. *Sustainability*, **2014**, 6, 952-966	3.6	14
25	A review on China's pollutant emissions reduction assessment. *Ecological Indicators*, **2014**, 38, 272-278	5.8	63
24	Spatial-temporal patterns and driving factors for industrial wastewater emission in China. *Journal of Cleaner Production*, **2014**, 76, 116-124	10.3	77
23	Inventorying heavy metal pollution in redeveloped brownfield and its policy contribution: Case study from Tiexi District, Shenyang, China. *Land Use Policy*, **2014**, 38, 138-146	5.6	30
22	Analysis of the co-benefits of climate change mitigation and air pollution reduction in China. *Journal of Cleaner Production*, **2013**, 58, 130-137	10.3	72
21	Inter-provincial clean development mechanism in China: A case study of the solar PV sector. *Energy Policy*, **2013**, 57, 454-461	7.2	12
20	Co-benefit evaluation for urban public transportation sector a case of Shenyang, China. *Journal of Cleaner Production*, **2013**, 58, 82-91	10.3	75
19	Regional medical waste management in China: a case study of Shenyang. *Journal of Material Cycles and Waste Management*, **2013**, 15, 310-320	3.4	17
18	Regional water footprint evaluation in China: a case of Liaoning. *Science of the Total Environment*, **2013**, 442, 215-24	10.2	117
17	Creating a green university in China: a case of Shenyang University. *Journal of Cleaner Production*, **2013**, 61, 13-19	10.3	99
16	Co-benefits analysis on climate change and environmental effects of wind-power: A case study from Xinjiang, China. *Renewable Energy*, **2013**, 57, 35-42	8.1	43
15	Exploring driving factors of energy-related CO2 emissions in Chinese provinces: A case of Liaoning. *Energy Policy*, **2013**, 60, 820-826	7.2	108
14	Measurement of polycyclic aromatic hydrocarbons (PAHs) in a Chinese brownfield redevelopment site: The case of Shenyang. *Ecological Engineering*, **2013**, 53, 115-119	3.9	31

13	Features, trajectories and driving forces for energy-related GHG emissions from Chinese mega cites: The case of Beijing, Tianjin, Shanghai and Chongqing. *Energy*, **2012**, 37, 245-254	7.9	163
12	Towards a national circular economy indicator system in China: an evaluation and critical analysis. *Journal of Cleaner Production*, **2012**, 23, 216-224	10.3	465
11	Pursuing co-benefits in China□ old industrial base: A case of Shenyang. *Urban Climate*, **2012**, 1, 55-64	6.8	20
10	An Overview of Chinese Green Building Standards. *Sustainable Development*, **2012**, 20, 211-221	6.7	56
9	China's uncertain CO2 emissions. *Nature Climate Change*, **2012**, 2, 762-762	21.4	11
8	Regional societal and ecosystem metabolism analysis in China: A multi-scale integrated analysis of societal metabolism(MSIASM) approach. *Energy*, **2011**, 36, 4799-4808	7.9	22
7	Contributing to local policy making on GHG emission reduction through inventorying and attribution: A case study of Shenyang, China. *Energy Policy*, **2011**, 39, 5999-6010	7.2	95
6	An overview of municipal solid waste management in Inner Mongolia Autonomous Region, China. *Journal of Material Cycles and Waste Management*, **2011**, 13, 283-292	3.4	26
5	Survey of officials□awareness on circular economy development in China: Based on municipal and county level. *Resources, Conservation and Recycling*, **2010**, 54, 1296-1302	11.9	125
4	Emergy-based study on eco-economic system of arid and semi-arid region: a case of Gansu province, China. *Journal of Arid Land*, **2010**, 2, 207-213	2.2	8
3	**2008**,		3
2	Lessons, narratives and research directions for a sustainable circular economy		4
1	Farmer households□livelihood resilience in ecological-function areas: case of the Yellow River water source area of China. *Environment, Development and Sustainability*,1	4.5	2