

# Yongping Li

## List of Publications by Year in descending order

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72  
papers

1,042  
citations

430442

18  
h-index

500791

28  
g-index

72  
all docs

72  
docs citations

72  
times ranked

872  
citing authors

#	ARTICLE	IF	CITATIONS
1	Inexact two-stage stochastic credibility constrained programming for water quality management. Resources, Conservation and Recycling, 2013, 73, 122-132.	5.3	74
2	Assessment of parameter uncertainty in hydrological model using a Markov-Chain-Monte-Carlo-based multilevel-factorial-analysis method. Journal of Hydrology, 2016, 538, 471-486.	2.3	62
3	Future changes in precipitation extremes over China projected by a regional climate model ensemble. Atmospheric Environment, 2018, 188, 142-156.	1.9	52
4	Two-Stage Fuzzy-Stochastic Robust Programming: A Hybrid Model for Regional Air Quality Management. Journal of the Air and Waste Management Association, 2006, 56, 1070-1082.	0.9	46
5	Multi-objective ecological reservoir operation based on water quality response models and improved genetic algorithm: A case study in Three Gorges Reservoir, China. Engineering Applications of Artificial Intelligence, 2014, 36, 332-346.	4.3	43
6	Research on low cavitation in water hydraulic two-stage throttle poppet valve. Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering, 2006, 220, 167-179.	1.4	41
7	Investigating future precipitation changes over China through a high-resolution regional climate model ensemble. Earth's Future, 2017, 5, 285-303.	2.4	33
8	Analyzing the carbon mitigation potential of tradable green certificates based on a TGC-FFSRO model: A case study in the Beijing-Tianjin-Hebei region, China. Science of the Total Environment, 2018, 630, 469-486.	3.9	33
9	Integrated Modeling System for Water Resources Management of Tarim River Basin. Environmental Engineering Science, 2010, 27, 255-269.	0.8	32
10	Stepwise clustering future meteorological drought projection and multi-level factorial analysis under climate change: A case study of the Pearl River Basin, China. Environmental Research, 2021, 196, 110368.	3.7	29
11	Modelling Snowmelt Runoff under Climate Change Scenarios in an Ungauged Mountainous Watershed, Northwest China. Mathematical Problems in Engineering, 2013, 2013, 1-9.	0.6	24
12	Identification of water quality management policy of watershed system with multiple uncertain interactions using a multi-level-factorial risk-inference-based possibilistic-probabilistic programming approach. Environmental Science and Pollution Research, 2017, 24, 14980-15000.	2.7	22
13	Projected changes in wind speed and its energy potential in China using a high-resolution regional climate model. Wind Energy, 2020, 23, 471-485.	1.9	22
14	Dynamically-downscaled projections of changes in temperature extremes over China. Climate Dynamics, 2018, 50, 1045-1066.	1.7	21
15	A Simulation-Based Optimization Approach for Water Quality Management of Xiangxihe River Under Uncertainty. Environmental Engineering Science, 2012, 29, 270-283.	0.8	20
16	Inexact Mathematical Modeling for the Identification of Water Trading Policy under Uncertainty. Water (Switzerland), 2014, 6, 229-252.	1.2	20
17	Evolution of virtual water metabolic network in developing regions: A case study of Guangdong province. Ecological Indicators, 2020, 108, 105750.	2.6	20
18	Unveiling Carbon Emission Attributions along Sale Chains. Environmental Science & Technology, 2021, 55, 220-229.	4.6	18

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19	An uncertainty partition approach for inferring interactive hydrologic risks. <i>Hydrology and Earth System Sciences</i> , 2020, 24, 4601-4624.	1.9	18
20	A Hybrid Interval-“Robust Optimization Model for Water Quality Management. <i>Environmental Engineering Science</i> , 2013, 30, 248-263.	0.8	17
21	Air pollutant and CO2 emissions mitigation in urban energy systems through a fuzzy possibilistic programming method under uncertainty. <i>Journal of Cleaner Production</i> , 2018, 192, 115-137.	4.6	17
22	Uncertainty Quantification for Multivariate Eco-Hydrological Risk in the Xiangxi River within the Three Gorges Reservoir Area in China. <i>Engineering</i> , 2018, 4, 617-626.	3.2	17
23	Multi-dimensional diagnosis model for the sustainable development of regions facing water scarcity problem: A case study for Guangdong, China. <i>Science of the Total Environment</i> , 2020, 734, 139394.	3.9	17
24	Planning energy-water nexus systems based on a dual risk aversion optimization method under multiple uncertainties. <i>Journal of Cleaner Production</i> , 2020, 255, 120100.	4.6	17
25	Inexact Optimization Model for Supporting Waste-Load Allocation in the Xiangxi River Basin of the Three Gorges Reservoir Region, China. <i>Journal of Computing in Civil Engineering</i> , 2015, 29, .	2.5	16
26	A production-emission nexus based stochastic-fuzzy model for identification of urban industry-environment policy under uncertainty. <i>Journal of Cleaner Production</i> , 2017, 154, 61-82.	4.6	16
27	Development of a Fuzzy-Queue-Based Interval Linear Programming Model for Municipal Solid Waste Management. <i>Environmental Engineering Science</i> , 2010, 27, 451-468.	0.8	14
28	Planning an Agricultural Water Resources Management System: A Two-Stage Stochastic Fractional Programming Model. <i>Sustainability</i> , 2015, 7, 9846-9863.	1.6	14
29	Optimal design of multi-energy complementary power generation system considering fossil energy scarcity coefficient under uncertainty. <i>Journal of Cleaner Production</i> , 2020, 274, 122732.	4.6	14
30	Improved performance of a PRECIS ensemble in simulating near-surface air temperature over China. <i>Climate Dynamics</i> , 2019, 52, 6691-6704.	1.7	13
31	Multi-preference based interval fuzzy-credibility optimization for planning the management of multiple water resources with multiple water-receiving cities under uncertainty. <i>Journal of Hydrology</i> , 2020, 591, 125259.	2.3	13
32	Effects of key structural parameters on solid-liquid separation behavior of hydrocyclone separator applied to hydraulic oil purification. <i>Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering</i> , 2013, 227, 273-286.	1.4	12
33	Development of a Maximum Entropy-Archimedean Copula-Based Bayesian Network Method for Streamflow Frequency Analysis-“A Case Study of the Kaidu River Basin, China. <i>Water (Switzerland)</i> , 2019, 11, 42.	1.2	12
34	Multi-level factorial analysis for ensemble data-driven hydrological prediction. <i>Advances in Water Resources</i> , 2021, 153, 103948.	1.7	12
35	A simulation-based two-stage interval-stochastic programming model for water resources management in Kaidu-Konqi watershed, China. <i>Journal of Arid Land</i> , 2012, 4, 390-398.	0.9	12
36	Sustainable conjunctive water management model for alleviating water shortage. <i>Journal of Environmental Management</i> , 2022, 304, 114243.	3.8	12

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37	Interval-Based Air Quality Index Optimization Model for Regional Environmental Management Under Uncertainty. <i>Environmental Engineering Science</i> , 2009, 26, 1585-1597.	0.8	11
38	Optimization and Evaluation of Environmental Operations for Three Gorges Reservoir. <i>Water Resources Management</i> , 2016, 30, 3553-3576.	1.9	11
39	Stepwise-Clustered heatwave downscaling and projection for Guangdong Province. <i>International Journal of Climatology</i> , 2022, 42, 2835-2860.	1.5	11
40	Modeling Municipal Solid Waste Management System under Uncertainty. <i>Journal of the Air and Waste Management Association</i> , 2010, 60, 439-453.	0.9	10
41	An Interval Fuzzy-Stochastic Chance-Constrained Programming Based Energy-Water Nexus Model for Planning Electric Power Systems. <i>Energies</i> , 2017, 10, 1914.	1.6	10
42	Inexact Minimax Regret Integer Programming for Long-Term Planning of Municipal Solid Waste Management—Part B: Application. <i>Environmental Engineering Science</i> , 2009, 26, 219-234.	0.8	9
43	Industry-environment system management based on an uncertain Gaussian diffusion optimization model for coal-dependent cities in ecologically fragile areas. <i>Journal of Cleaner Production</i> , 2019, 234, 832-857.	4.6	9
44	Inexact Minimax Regret Integer Programming for Long-Term Planning of Municipal Solid Waste Management—Part A: Methodology Development. <i>Environmental Engineering Science</i> , 2009, 26, 209-218.	0.8	8
45	Two-Stage Inexact-Probabilistic Programming Model for Water Quality Management. <i>Environmental Engineering Science</i> , 2012, 29, 713-725.	0.8	8
46	Robust Planning of Energy and Environment Systems through Introducing Traffic Sector with Cost Minimization and Emissions Abatement under Multiple Uncertainties. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 928.	1.3	8
47	A Recourse-Based Type-2 Fuzzy Programming Method for Water Pollution Control under Uncertainty. <i>Symmetry</i> , 2017, 9, 265.	1.1	6
48	Filter allocation and replacement strategies in fluid power system under uncertainty: a fuzzy robust nonlinear programming approach. <i>Optimization and Engineering</i> , 2012, 13, 319-347.	1.3	5
49	An inexact risk management model for agricultural land-use planning under water shortage. <i>Frontiers of Earth Science</i> , 2016, 10, 419-431.	0.9	5
50	Analysis of industry-air quality control in ecologically fragile coal-dependent cities by an uncertain Gaussian diffusion-Hurwicz criterion model. <i>Energy Policy</i> , 2019, 132, 1191-1205.	4.2	5
51	Planning an Energy-Water-Environment Nexus System in Coal-Dependent Regions under Uncertainties. <i>Energies</i> , 2020, 13, 208.	1.6	5
52	A multi-perspective factorial hypothetical simulation model for cutting the carbon emission intensity of China. <i>Journal of Cleaner Production</i> , 2020, 275, 123943.	4.6	5
53	Development of a Sequential Decision-Making Model for Controlling Multiple Air Pollutants Under Stochastic Uncertainty. <i>Water, Air, and Soil Pollution</i> , 2012, 223, 443-465.	1.1	4
54	Double-sided fuzzy chance-constrained linear fractional programming approach for water resources management. <i>Engineering Optimization</i> , 2016, 48, 949-965.	1.5	4

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55	Development of a Stochastic Programming Model for Design and Optimization of Activated-Sludge Wastewater-Treatment System Considering Efforts of Uncertain Factors. <i>Journal of Environmental Engineering, ASCE</i> , 2017, 143, 04017045.	0.7	4
56	Interval Double-Sided Fuzzy Chance-Constrained Programming Model for Water Resources Allocation. <i>Environmental Engineering Science</i> , 2018, 35, 525-544.	0.8	4
57	Optimal Design of a Distributed Energy System Using the Functional Interval Model That Allows Reduced Carbon Emissions in Guanzhong, a Rural Area of China. <i>Sustainability</i> , 2019, 11, 1930.	1.6	4
58	A C-Vine Copula-Based Quantile Regression Method for Streamflow Forecasting in Xiangxi River Basin, China. <i>Sustainability</i> , 2021, 13, 4627.	1.6	4
59	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, .	1.3	4
60	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.	3.7	3
61	A Semi-Infinite Interval-Stochastic Risk Management Model for River Water Pollution Control under Uncertainty. <i>Water (Switzerland)</i> , 2017, 9, 351.	1.2	2
62	Sustainable Water-Resources Allocation Through a Trading-Oriented Mechanism Under Uncertainty in an Arid Region. <i>Clean - Soil, Air, Water</i> , 2018, 46, 1800317.	0.7	2
63	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.	1.6	2
64	A Statistical Hydrological Model for Yangtze River Watershed Based on Stepwise Cluster Analysis. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	2
65	ROBUST INTERVAL-BASED MINIMAX-REGRET ANALYSIS METHOD FOR FILTER MANAGEMENT OF FLUID POWER SYSTEM. <i>Asia-Pacific Journal of Operational Research</i> , 2013, 30, 1350021.	0.9	1
66	An inexact optimization model for distributed multi-energy systems management in sustainable airports. <i>International Journal of Energy Research</i> , 2021, 45, 13071-13087.	2.2	1
67	An Ecological-network-analysis Input-output Model for Analyzing Energy Consumption in Fujian Province. , 2021, , .		0
68	An Ecologically-extended Input-output Model for Evaluating Virtual Water Flows in Kazakhstan. , 2021, , .		0
69	Quantifying Energy Consumption and Trade in Kyrgyzstan Based on Energy-extended Input-output Model. , 2021, , .		0
70	Development of a Bayesian Copula-based Spatial-temporal Method for Multivariate Drought Risk Analysis. , 2022, , .		0
71	Conjunctive Water Management under Multiple Uncertainties: A Case Study of the Amu Darya River Basin, Central Asia. <i>Water (Switzerland)</i> , 2022, 14, 1541.	1.2	0
72	Identifying Main Factors of Wind Power Generation Based on Principal Component Regression: A Case Study of Xiamen. , 2022, , .		0