# Yongping Li

## List of Publications by Citations



| 65 | 739 | 15 | 23 |
|---|---|---|---|
| papers | citations | h-index | g-index |
| 72 | 894 | 4.6 | 4.43 |
| ext. papers | ext. citations | avg, IF | L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 65 | Inexact two-stage stochastic credibility constrained programming for water quality management. *Resources, Conservation and Recycling*, **2013**, 73, 122-132 | 11.9 | 63 |
| 64 | 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 | 6 | 47 |
| 63 | Two-stage fuzzy-stochastic robust programming: a hybrid model for regional air quality management. *Journal of the Air and Waste Management Association*, **2006**, 56, 1070-82 | 2.4 | 42 |
| 62 | 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 | 1.5 | 35 |
| 61 | 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 | 7.2 | 33 |
| 60 | Future changes in precipitation extremes over China projected by a regional climate model ensemble. *Atmospheric Environment*, **2018**, 188, 142-156 | 5.3 | 33 |
| 59 | Integrated Modeling System for Water Resources Management of Tarim River Basin. *Environmental Engineering Science*, **2010**, 27, 255-269 | 2 | 29 |
| 58 | Investigating future precipitation changes over China through a high-resolution regional climate model ensemble. *Earth's Future*, **2017**, 5, 285-303 | 7.9 | 25 |
| 57 | Modelling Snowmelt Runoff under Climate Change Scenarios in an Ungauged Mountainous Watershed, Northwest China. *Mathematical Problems in Engineering*, **2013**, 2013, 1-9 | 1.1 | 20 |
| 56 | 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 | 5.1 | 19 |
| 55 | 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 | 10.2 | 16 |
| 54 | Inexact Mathematical Modeling for the Identification of Water Trading Policy under Uncertainty. *Water (Switzerland)*, **2014**, 6, 229-252 | 3 | 16 |
| 53 | A Simulation-Based Optimization Approach for Water Quality Management of Xiangxihe River Under Uncertainty. *Environmental Engineering Science*, **2012**, 29, 270-283 | 2 | 16 |
| 52 | Dynamically-downscaled projections of changes in temperature extremes over China. *Climate Dynamics*, **2018**, 50, 1045-1066 | 4.2 | 16 |
| 51 | A Hybrid Interval-Robust Optimization Model for Water Quality Management. *Environmental Engineering Science*, **2013**, 30, 248-263 | 2 | 15 |
| 50 | Evolution of virtual water metabolic network in developing regions: A case study of Guangdong province. *Ecological Indicators*, **2020**, 108, 105750 | 5.8 | 14 |
| 49 | A production-emission nexus based stochastic-fuzzy model for identification of urban industry-environment policy under uncertainty. *Journal of Cleaner Production*, **2017**, 154, 61-82 | 10.3 | 13 |

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| 48 | Inexact Optimization Model for Supporting Waste-Load Allocation in the Xiangxi River Basin of the Three Gorges Reservoir Region, China. *Journal of Computing in Civil Engineering*, **2015**, 29, 04014093 | 5 | 13 |
| 47 | Air pollutant and CO2 emissions mitigation in urban energy systems through a fuzzy possibilistic programming method under uncertainty. *Journal of Cleaner Production*, **2018**, 192, 115-137 | 10.3 | 13 |
| 46 | Planning an Agricultural Water Resources Management System: A Two-Stage Stochastic Fractional Programming Model. *Sustainability*, **2015**, 7, 9846-9863 | 3.6 | 13 |
| 45 | Planning energy-water nexus systems based on a dual risk aversion optimization method under multiple uncertainties. *Journal of Cleaner Production*, **2020**, 255, 120100 | 10.3 | 12 |
| 44 | Development of a Fuzzy-Queue-Based Interval Linear Programming Model for Municipal Solid Waste Management. *Environmental Engineering Science*, **2010**, 27, 451-468 | 2 | 11 |
| 43 | An uncertainty partition approach for inferring interactive hydrologic risks. *Hydrology and Earth System Sciences*, **2020**, 24, 4601-4624 | 5.5 | 11 |
| 42 | 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 | 7.9 | 11 |
| 41 | An Interval Fuzzy-Stochastic Chance-Constrained Programming Based Energy-Water Nexus Model for Planning Electric Power Systems. *Energies*, **2017**, 10, 1914 | 3.1 | 10 |
| 40 | Interval-Based Air Quality Index Optimization Model for Regional Environmental Management Under Uncertainty. *Environmental Engineering Science*, **2009**, 26, 1585-1597 | 2 | 10 |
| 39 | A simulation-based two-stage interval-stochastic pro-gramming model for water resources management in Kaidu-Konqi watershed, China. *Journal of Arid Land*, **2012**, 4, 390-398 | 2.2 | 10 |
| 38 | Projected changes in wind speed and its energy potential in China using a high-resolution regional climate model. *Wind Energy*, **2020**, 23, 471-485 | 3.4 | 10 |
| 37 | Improved performance of a PRECIS ensemble in simulating near-surface air temperature over China. *Climate Dynamics*, **2019**, 52, 6691-6704 | 4.2 | 9 |
| 36 | Multi-dimensional diagnosis model for the sustainable development of regions facing water scarcity problem: A case study for Guangdong, China. *Science of the Total Environment*, **2020**, 734, 139394 | 10.2 | 9 |
| 35 | Optimization and Evaluation of Environmental Operations for Three Gorges Reservoir. *Water Resources Management*, **2016**, 30, 3553-3576 | 3.7 | 9 |
| 34 | Modeling municipal solid waste management system under uncertainty. *Journal of the Air and Waste Management Association*, **2010**, 60, 439-53 | 2.4 | 9 |
| 33 | Inexact Minimax Regret Integer Programming for Long-Term Planning of Municipal Solid Waste Management—Part B: Application. *Environmental Engineering Science*, **2009**, 26, 219-234 | 2 | 9 |
| 32 | Two-Stage Inexact-Probabilistic Programming Model for Water Quality Management. *Environmental Engineering Science*, **2012**, 29, 713-725 | 2 | 8 |
| 31 | Optimal design of multi-energy complementary power generation system considering fossil energy scarcity coefficient under uncertainty. *Journal of Cleaner Production*, **2020**, 274, 122732 | 10.3 | 8 |

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| 30 | Uncertainty Quantification for Multivariate Eco-Hydrological Risk in the Xiangxi River within the Three Gorges Reservoir Area in China. *Engineering*, **2018**, 4, 617-626 | 9.7 | 8 |
| 29 | Robust Planning of Energy and Environment Systems through Introducing Traffic Sector with Cost Minimization and Emissions Abatement under Multiple Uncertainties. *Applied Sciences (Switzerland)* , **2019**, 9, 928 | 2.6 | 7 |
| 28 | Effects of key structural parameters on solid–liquid separation behavior of hydrocyclone separator applied to hydraulic oil purification. *Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering*, **2013**, 227, 273-286 | 1.5 | 7 |
| 27 | Inexact Minimax Regret Integer Programming for Long-Term Planning of Municipal Solid Waste Management—Part A: Methodology Development. *Environmental Engineering Science*, **2009**, 26, 209-218 | 2 | 7 |
| 26 | Industry-environment system management based on an uncertain Gaussian diffusion optimization model for coal-dependent cities in ecologically fragile areas. *Journal of Cleaner Production*, **2019**, 234, 832-857 | 10.3 | 6 |
| 25 | Development of a Maximum Entropy-Archimedean Copula-Based Bayesian Network Method for Streamflow Frequency Analysis—A Case Study of the Kaidu River Basin, China. *Water (Switzerland)*, **2019**, 11, 42 | 3 | 6 |
| 24 | Unveiling Carbon Emission Attributions along Sale Chains. *Environmental Science & Technology*, **2021**, 55, 220-229 | 10.3 | 6 |
| 23 | Multi-preference based interval fuzzy-credibility optimization for planning the management of multiple water resources with multiple water-receiving cities under uncertainty. *Journal of Hydrology*, **2020**, 591, 125259 | 6 | 6 |
| 22 | An inexact risk management model for agricultural land-use planning under water shortage. *Frontiers of Earth Science*, **2016**, 10, 419-431 | 1.7 | 5 |
| 21 | Filter allocation and replacement strategies in fluid power system under uncertainty: a fuzzy robust nonlinear programming approach. *Optimization and Engineering*, **2012**, 13, 319-347 | 2.1 | 5 |
| 20 | Double-sided fuzzy chance-constrained linear fractional programming approach for water resources management. *Engineering Optimization*, **2016**, 48, 949-965 | 2 | 4 |
| 19 | Optimal Design of a Distributed Energy System Using the Functional Interval Model That Allows Reduced Carbon Emissions in Guanzhong, a Rural Area of China. *Sustainability*, **2019**, 11, 1930 | 3.6 | 4 |
| 18 | A Recourse-Based Type-2 Fuzzy Programming Method for Water Pollution Control under Uncertainty. *Symmetry*, **2017**, 9, 265 | 2.7 | 4 |
| 17 | Planning an Energy–Water–Environment Nexus System in Coal-Dependent Regions under Uncertainties. *Energies*, **2020**, 13, 208 | 3.1 | 4 |
| 16 | Multi-level factorial analysis for ensemble data-driven hydrological prediction. *Advances in Water Resources*, **2021**, 153, 103948 | 4.7 | 4 |
| 15 | Development of a Stochastic Programming Model for Design and Optimization of Activated-Sludge Wastewater-Treatment System Considering Efforts of Uncertain Factors. *Journal of Environmental Engineering, ASCE*, **2017**, 143, 04017045 | 2 | 3 |
| 14 | Analysis of industry-air quality control in ecologically fragile coal-dependent cities by an uncertain Gaussian diffusion-Hurwicz criterion model. *Energy Policy*, **2019**, 132, 1191-1205 | 7.2 | 3 |
| 13 | Development of a Sequential Decision-Making Model for Controlling Multiple Air Pollutants Under Stochastic Uncertainty. *Water, Air, and Soil Pollution*, **2012**, 223, 443-465 | 2.6 | 3 |

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| 12 | A Semi-Infinite Interval-Stochastic Risk Management Model for River Water Pollution Control under Uncertainty. *Water (Switzerland)*, **2017**, 9, 351 | 3 | 2 |
| 11 | A C-Vine Copula-Based Quantile Regression Method for Streamflow Forecasting in Xiangxi River Basin, China. *Sustainability*, **2021**, 13, 4627 | 3.6 | 2 |
| 10 | Interval Double-Sided Fuzzy Chance-Constrained Programming Model for Water Resources Allocation. *Environmental Engineering Science*, **2018**, 35, 525-544 | 2 | 2 |
| 9 | ROBUST INTERVAL-BASED MINIMAX-REGRET ANALYSIS METHOD FOR FILTER MANAGEMENT OF FLUID POWER SYSTEM. *Asia-Pacific Journal of Operational Research*, **2013**, 30, 1350021 | 0.8 | 1 |
| 8 | Sustainable Water-Resources Allocation Through a Trading-Oriented Mechanism Under Uncertainty in an Arid Region. *Clean - Soil, Air, Water*, **2018**, 46, 1800317 | 1.6 | 1 |
| 7 | Stepwise-clustered heatwave downscaling and projection for Guangdong Province. *International Journal of Climatology*, | 3.5 | 1 |
| 6 | An interval two-stage fuzzy fractional programming model for planning water resources management in the coastal region - A case study of Shenzhen, China.. *Environmental Pollution*, **2022** , 119343 | 9.3 | 1 |
| 5 | Sustainable conjunctive water management model for alleviating water shortage.. *Journal of Environmental Management*, **2021**, 304, 114243 | 7.9 | 0 |
| 4 | A multi-perspective factorial hypothetical simulation model for cutting the carbon emission intensity of China. *Journal of Cleaner Production*, **2020**, 275, 123943 | 10.3 | 0 |
| 3 | An inexact optimization model for distributed multi-energy systems management in sustainable airports. *International Journal of Energy Research*, **2021**, 45, 13071-13087 | 4.5 | 0 |
| 2 | A Factorial Ecological-Extended Physical Input-Output Model for Identifying Optimal Urban Solid Waste Path in Fujian Province, China. *Sustainability*, **2021**, 13, 8341 | 3.6 | 0 |
| 1 | Conjunctive Water Management under Multiple Uncertainties: A Case Study of the Amu Darya River Basin, Central Asia. *Water (Switzerland)*, **2022**, 14, 1541 | 3 | |