Dongguo Shao

List of Publications by Year
in descending order

30 papers	1,016 citations	623734 14 h-index	610901 24 g-index
31 all docs	31 docs citations	31 times ranked	1123 citing authors

#	Article	IF	Citations
1	Evaluation of water quality in the South-to-North Water Diversion Project of China using the water quality index (WQI) method. Water Research, 2020, 178, 115781.	11.3	238
2	Effects of alternate wetting and drying irrigation on percolation and nitrogen leaching in paddy fields. Paddy and Water Environment, 2013, 11, 381-395.	1.8	125
3	Assessment of CFSR, ERA-Interim, JRA-55, MERRA-2, NCEP-2 reanalysis data for drought analysis over China. Climate Dynamics, 2019, 53, 737-757.	3.8	69
4	Risk Evaluation of Water Shortage in Source Area of Middle Route Project for South-to-North Water Transfer in China. Water Resources Management, 2012, 26, 3479-3493.	3.9	68
5	Wavelet analysis of precipitation extremes over Canadian ecoregions and teleconnections to large‐scale climate anomalies. Journal of Geophysical Research D: Atmospheres, 2016, 121, 14,469.	3.3	62
6	Drought characteristics over China during 1980–2015. International Journal of Climatology, 2018, 38, 3532-3545.	3.5	59
7	Precipitation trends and teleconnections identified using quantile regressions over Xinjiang, China. International Journal of Climatology, 2017, 37, 1510-1525.	3.5	54
8	Wastewater discharge impact on drinking water sources along the Yangtze River (China). Science of the Total Environment, 2017, 599-600, 1399-1407.	8.0	54
9	Effects of temperature and soil moisture on gross nitrification and denitrification rates of a Chinese lowland paddy field soil. Paddy and Water Environment, 2018, 16, 687-698.	1.8	45
10	Simulation and Optimization of Multi-Reservoir Operation in Inter-Basin Water Transfer System. Water Resources Management, 2017, 31, 3401-3412.	3.9	37
11	Multi-point source identification of sudden water pollution accidents in surface waters based on differential evolution and Metropolis–Hastings–Markov Chain Monte Carlo. Stochastic Environmental Research and Risk Assessment, 2016, 30, 507-522.	4.0	36
12	Spatio-temporal Characterization Analysis and Water Quality Assessment of the South-to-North Water Diversion Project of China. International Journal of Environmental Research and Public Health, 2019, 16, 2227.	2.6	26
13	Simulation-Optimization Modeling of Conjunctive Operation of Reservoirs and Ponds for Irrigation of Multiple Crops Using an Improved Artificial Bee Colony Algorithm. Water Resources Management, 2016, 30, 2887-2905.	3.9	25
14	Biochar effects on soil properties, water movement and irrigation water use efficiency of cultivated land in Qinghai-Tibet Plateau. Science of the Total Environment, 2022, 829, 154520.	8.0	19
15	Analysis of spatio-temporal variation in phytoplankton and its relationship with water quality parameters in the South-to-North Water Diversion Project of China. Environmental Monitoring and Assessment, 2021, 193, 593.	2.7	16
16	Identification of the Roles of Climate Factors, Engineering Construction, and Agricultural Practices in Vegetation Dynamics in the Lhasa River Basin, Tibetan Plateau. Remote Sensing, 2020, 12, 1883.	4.0	14
17	Improving Water Reuse in Paddy Field Districts with Cascaded On-farm Ponds using Hydrologic Model Simulations. Water Resources Management, 2018, 32, 1849-1865.	3.9	13
18	A Method for Temporary Water Scarcity Analysis in Humid Region Under Droughts Condition. Water Resources Management, 2015, 29, 3823-3839.	3.9	10

#	ARTICLE	IF	CITATIONS
19	Nonstationary Stochastic Simulation–Based Water Allocation Method for Regional Water Management. Journal of Water Resources Planning and Management - ASCE, 2019, 145, .	2.6	9
20	Dynamic characteristics of net anthropogenic phosphorus input and legacy phosphorus reserves under high human activity - A case study in the Jianghan Plain. Science of the Total Environment, 2022, 836, 155287.	8.0	8
21	A Water Quality Model with Three Dimensional Variational Data Assimilation for Contaminant Transport. Water Resources Management, 2016, 30, 4501-4512.	3.9	7
22	An eco-functional classification for environmental flow assessment in the Pearl River Basin in Guangdong, China. Science China Technological Sciences, 2016, 59, 265-275.	4.0	7
23	Water quality model parameter identification of an open channel in a long distance water transfer project based on finite difference, difference evolution and Monte Carlo. Water Science and Technology, 2014, 69, 587-594.	2.5	6
24	Coordinating a Supply Chain with a Loss-Averse Retailer under Yield and Demand Uncertainties. Discrete Dynamics in Nature and Society, 2016, 2016, 1-12.	0.9	3
25	Ex-post evaluation analysis of flood control engineering system based on grey relation projection method. , 2007, , .		2
26	A new coupled chaos optimization-projection pursuit model for initial water rights allocation in the watershed. , 2011, , .		2
27	Improvement of set pair analysis evaluation method and its application on urban water security. , 2011, , .		2
28	An Allocation of Water Resources in Planned Market Based on Particle Swarm Optimization Algorithm. , 2010, , .		0
29	Coupling effect of water saving irrigation and nitrogen application with different treatment in paddy fields. , 2011, , .		0
30	Length-weight relationships of three fish species from central China. Journal of Applied Ichthyology, 2018, 34, 1387-1389.	0.7	0