

Azizallah Izady

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

411
citations

686830

13
h-index

794141

19
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30
all docs

30
docs citations

30
times ranked

385
citing authors

#	ARTICLE	IF	CITATIONS
1	A scenario-based coupled SWAT-MODFLOW decision support system for advanced water resource management. <i>Journal of Hydroinformatics</i> , 2022, 24, 56-77.	1.1	5
2	Assessment of integrated CO ₂ geologic storage and geothermal harvest in a semi-closed thin reservoir. <i>Sustainable Energy Technologies and Assessments</i> , 2022, 49, 101773.	1.7	1
3	A coupled water allocation simulation“optimization model to advance agricultural water management. <i>Arabian Journal of Geosciences</i> , 2022, 15, 1.	0.6	2
4	Use closed reservoirs for CO ₂ storage and heat recovery: A two-stage brine-extraction and CO ₂ -circulation strategy. <i>Sustainable Energy Technologies and Assessments</i> , 2022, 52, 102346.	1.7	3
5	A review of geothermal energy status and potentials in Middle-East countries. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	0.6	12
6	Estimation of air-flow parameters and turbulent intensity in hydraulic jump on rough bed using Bayesian model averaging. <i>Applied Soft Computing Journal</i> , 2021, 103, 107165.	4.1	9
7	Evaluation of CO ₂ sequestration and circulation in fault-bounded thin geothermal reservoirs in North Oman using response surface methods. <i>Journal of Hydrology</i> , 2021, 598, 126411.	2.3	12
8	Nutrient and colloid leaching from un-amended versus vermicompost-amended soil. <i>Soil and Tillage Research</i> , 2021, 213, 105092.	2.6	8
9	Optimal Water Allocation from Subsurface Dams: A Risk-Based Optimization Approach. <i>Water Resources Management</i> , 2021, 35, 4275-4290.	1.9	5
10	Conflict resolution in the multi-stakeholder stepped spillway design under uncertainty by machine learning techniques. <i>Applied Soft Computing Journal</i> , 2021, 110, 107721.	4.1	4
11	Stochastic Techno-economic Analysis of CO ₂ -circulated Geothermal Energy Production in a Closed Reservoir System. <i>Geothermics</i> , 2021, 96, 102202.	1.5	15
12	A critical review of environmental and public health impacts from the activities of evaporation ponds. <i>Science of the Total Environment</i> , 2021, 796, 149065.	3.9	18
13	A coupled agent-based risk-based optimization model for integrated urban water management. <i>Sustainable Cities and Society</i> , 2020, 53, 101922.	5.1	39
14	A novel CVaR-based conflict resolution model for optimal allocation of treated wastewater under bankruptcy conditions. <i>Journal of Cleaner Production</i> , 2020, 252, 119766.	4.6	10
15	Deriving optimal operational policies for off-stream man-made reservoir considering conjunctive use of surface- and groundwater at the Bar dam reservoir (Iran). <i>Journal of Hydrology: Regional Studies</i> , 2020, 31, 100725.	1.0	11
16	Risk-based Stochastic Optimization of Evaporation Ponds as a Cost-Effective and Environmentally-Friendly Solution for the Disposal of Oil-Produced Water. <i>Journal of Water Process Engineering</i> , 2020, 38, 101607.	2.6	13
17	A novel hybrid entropy-clustering approach for optimal placement of pressure sensors for leakage detection in water distribution systems under uncertainty. <i>Urban Water Journal</i> , 2020, 17, 185-198.	1.0	15
18	Development and surrogate-based calibration of a CO ₂ reservoir model. <i>Journal of Hydrology</i> , 2020, 586, 124798.	2.3	14

#	ARTICLE	IF	CITATIONS
19	Oxygenation of aquifers with fluctuating water table: A laboratory and modeling study. <i>Journal of Hydrology</i> , 2020, 590, 125261.	2.3	7
20	Modeling the transport of nitrate and natural multi-sized colloids in natural soil and soil amended with vermicompost. <i>Geoderma</i> , 2019, 354, 113889.	2.3	9
21	Fuzzy Multi-Objective Simulation-Optimization of Stepped Spillways Considering Flood Uncertainty. <i>Water Resources Management</i> , 2019, 33, 2261-2275.	1.9	17
22	Recharge Estimation of Hardrock-Alluvium Al-Fara Aquifer, Oman Using Multiple Methods. <i>Advances in Science, Technology and Innovation</i> , 2019, , 313-315.	0.2	0
23	A surrogate-based sensitivity quantification and Bayesian inversion of a regional groundwater flow model. <i>Journal of Hydrology</i> , 2018, 557, 826-837.	2.3	29
24	An efficient surrogate-based simulation-optimization method for calibrating a regional MODFLOW model. <i>Journal of Hydrology</i> , 2017, 544, 591-603.	2.3	33
25	Groundwater recharge estimation in arid hardrock-alluvium aquifers using combined water-table fluctuation and groundwater balance approaches. <i>Hydrological Processes</i> , 2017, 31, 3437-3451.	1.1	18
26	Groundwater Modeling and Sustainability of a Transboundary Hardrock-Alluvium Aquifer in North Oman Mountains. <i>Water (Switzerland)</i> , 2017, 9, 161.	1.2	14
27	A Novel Approach to Modeling Wastewater Evaporation Based on Dimensional Analysis. <i>Water Resources Management</i> , 2016, 30, 2801-2814.	1.9	9
28	Mapping groundwater recharge areas using CRD and RIB methods in the semi-arid Neishaboor Plain, Iran. <i>Arabian Journal of Geosciences</i> , 2015, 8, 2921-2935.	0.6	15
29	A framework toward developing a groundwater conceptual model. <i>Arabian Journal of Geosciences</i> , 2014, 7, 3611-3631.	0.6	30
30	Application of NN-ARX Model to Predict Groundwater Levels in the Neishaboor Plain, Iran. <i>Water Resources Management</i> , 2013, 27, 4773-4794.	1.9	34