

Georgios Kourakos

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

694
citations

687363

13
h-index

940533

16
g-index

16
all docs

16
docs citations

16
times ranked

872
citing authors

#	ARTICLE	IF	CITATIONS
1	Pumping optimization of coastal aquifers based on evolutionary algorithms and surrogate modular neural network models. <i>Advances in Water Resources</i> , 2009, 32, 507-521.	3.8	142
2	A hybrid machine learning model to predict and visualize nitrate concentration throughout the Central Valley aquifer, California, USA. <i>Science of the Total Environment</i> , 2017, 601-602, 1160-1172.	8.0	124
3	Development of a multi-objective optimization algorithm using surrogate models for coastal aquifer management. <i>Journal of Hydrology</i> , 2013, 479, 13-23.	5.4	81
4	Optimal Groundwater Remediation Under Uncertainty Using Multi-objective Optimization. <i>Water Resources Management</i> , 2007, 21, 835-847.	3.9	56
5	Simulation and Multi-Objective Management of Coastal Aquifers in Semi-Arid Regions. <i>Water Resources Management</i> , 2011, 25, 1063-1074.	3.9	56
6	Agriculture's Contribution to Nitrate Contamination of Californian Groundwater (1945-2005). <i>Journal of Environmental Quality</i> , 2014, 43, 895-907.	2.0	51
7	A groundwater nonpoint source pollution modeling framework to evaluate long-term dynamics of pollutant exceedance probabilities in wells and other discharge locations. <i>Water Resources Research</i> , 2012, 48, .	4.2	48
8	Increasing Groundwater Availability and Seasonal Base Flow Through Agricultural Managed Aquifer Recharge in an Irrigated Basin. <i>Water Resources Research</i> , 2019, 55, 7464-7492.	4.2	45
9	Vectorized simulation of groundwater flow and streamline transport. <i>Environmental Modelling and Software</i> , 2014, 52, 207-221.	4.5	15
10	An efficient simulation-optimization coupling for management of coastal aquifers. <i>Hydrogeology Journal</i> , 2015, 23, 1167-1179.	2.1	15
11	Identifying Agricultural Managed Aquifer Recharge Locations to Benefit Drinking Water Supply in Rural Communities. <i>Water Resources Research</i> , 2021, 57, e2020WR028811.	4.2	15
12	Preface: Optimization for groundwater characterization and management. <i>Hydrogeology Journal</i> , 2015, 23, 1043-1049.	2.1	14
13	A Bayesian approach to infer nitrogen loading rates from crop and land-use types surrounding private wells in the Central Valley, California. <i>Hydrology and Earth System Sciences</i> , 2018, 22, 2739-2758.	4.9	14
14	Parallel simulation of groundwater non-point source pollution using algebraic multigrid preconditioners. <i>Computational Geosciences</i> , 2014, 18, 851-867.	2.4	12
15	Inverse groundwater modeling with emphasis on model parameterization. <i>Water Resources Research</i> , 2012, 48, .	4.2	5
16	Simulation of Unconfined Aquifer Flow Based on Parallel Adaptive Mesh Refinement. <i>Water Resources Research</i> , 2021, 57, .	4.2	1