

# Georgios Kourakos

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5320806/publications.pdf>

Version: 2024-02-01

16  
papers

694  
citations

686830

13  
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940134

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16  
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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.	1.7	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.	3.9	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.	2.3	81
4	Optimal Groundwater Remediation Under Uncertainty Using Multi-objective Optimization. <i>Water Resources Management</i> , 2007, 21, 835-847.	1.9	56
5	Simulation and Multi-Objective Management of Coastal Aquifers in Semi-Arid Regions. <i>Water Resources Management</i> , 2011, 25, 1063-1074.	1.9	56
6	Agriculture's Contribution to Nitrate Contamination of Californian Groundwater (1945-2005). <i>Journal of Environmental Quality</i> , 2014, 43, 895-907.	1.0	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, .	1.7	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.	1.7	45
9	Vectorized simulation of groundwater flow and streamline transport. <i>Environmental Modelling and Software</i> , 2014, 52, 207-221.	1.9	15
10	An efficient simulation-optimization coupling for management of coastal aquifers. <i>Hydrogeology Journal</i> , 2015, 23, 1167-1179.	0.9	15
11	Identifying Agricultural Managed Aquifer Recharge Locations to Benefit Drinking Water Supply in Rural Communities. <i>Water Resources Research</i> , 2021, 57, e2020WR028811.	1.7	15
12	Preface: Optimization for groundwater characterization and management. <i>Hydrogeology Journal</i> , 2015, 23, 1043-1049.	0.9	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.	1.9	14
14	Parallel simulation of groundwater non-point source pollution using algebraic multigrid preconditioners. <i>Computational Geosciences</i> , 2014, 18, 851-867.	1.2	12
15	Inverse groundwater modeling with emphasis on model parameterization. <i>Water Resources Research</i> , 2012, 48, .	1.7	5
16	Simulation of Unconfined Aquifer Flow Based on Parallel Adaptive Mesh Refinement. <i>Water Resources Research</i> , 2021, 57, .	1.7	1