

Michael J Ronayne

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

391
citations

933447

10
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

549
citing authors

#	ARTICLE	IF	CITATIONS
1	Identifying discrete geologic structures that produce anomalous hydraulic response: An inverse modeling approach. <i>Water Resources Research</i> , 2008, 44, .	4.2	73
2	Comparison of a karst groundwater model with and without discrete conduit flow. <i>Hydrogeology Journal</i> , 2013, 21, 1555-1566.	2.1	56
3	Effective permeability of porous media containing branching channel networks. <i>Physical Review E</i> , 2006, 73, 026305.	2.1	48
4	Field characterization of hydraulic conductivity in a heterogeneous alpine glacial till. <i>Journal of Hydrology</i> , 2012, 458-459, 103-109.	5.4	41
5	Geological modeling of submeter scale heterogeneity and its influence on tracer transport in a fluvial aquifer. <i>Water Resources Research</i> , 2010, 46, .	4.2	39
6	Influence of conduit network geometry on solute transport in karst aquifers with a permeable matrix. <i>Advances in Water Resources</i> , 2013, 56, 27-34.	3.8	39
7	Effects of groundwater pumping on the sustainability of a mountain wetland complex, Yosemite National Park, California. <i>Journal of Hydrology: Regional Studies</i> , 2015, 3, 87-105.	2.4	18
8	Groundwater dynamics in mountain peatlands with contrasting climate, vegetation, and hydrogeological setting. <i>Journal of Hydrology</i> , 2018, 561, 908-917.	5.4	18
9	Analysis of managed aquifer recharge for retiming streamflow in an alluvial river. <i>Journal of Hydrology</i> , 2017, 544, 373-382.	5.4	16
10	Relationships between vegetation type, peat hydraulic conductivity, and water table dynamics in mountain fens. <i>Ecohydrology</i> , 2016, 9, 1028-1038.	2.4	11
11	Form-based river restoration decreases wetland hyporheic exchange: Lessons learned from the Upper Colorado River. <i>Earth Surface Processes and Landforms</i> , 2019, 44, 191-203.	2.5	10
12	Changes to inter-aquifer exchange resulting from long-term pumping: implications for bedrock groundwater recharge. <i>Hydrogeology Journal</i> , 2020, 28, 1359-1370.	2.1	8
13	Demonstration of Sustainable Development of Groundwater through Aquifer Storage and Recovery (ASR). <i>Water Resources Management</i> , 2021, 35, 429-445.	3.9	8
14	Estimating Aquifer Properties Using Derivative Analysis of Water Level Time Series from Active Well Fields. <i>Ground Water</i> , 2016, 54, 414-424.	1.3	4
15	Forecasting Groundwater Contaminant Plume Development using Statistical and Machine Learning Methods. <i>Ground Water Monitoring and Remediation</i> , 0, , .	0.8	2