Michael J Ronayne

List of Publications by Year
in descending order

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