

David M J Macdonald

List of Publications by Year in descending order

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Version: 2024-02-01

6
papers

269
citations

1684188

5
h-index

1872680

6
g-index

6
all docs

6
docs citations

6
times ranked

397
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1 | Observed controls on resilience of groundwater to climate variability in sub-Saharan Africa. <i>Nature</i> , 2019, 572, 230-234. | 27.8 | 168 |
| 2 | Convergent Radial Tracing of Viral and Solute Transport in Gneiss Saprolite. <i>Ground Water</i> , 2010, 48, 284-294. | 1.3 | 31 |
| 3 | Improved understanding of spatio-temporal controls on regional scale groundwater flooding using hydrograph analysis and impulse response functions. <i>Hydrological Processes</i> , 2017, 31, 4586-4599. | 2.6 | 28 |
| 4 | Investigating the Productivity and Sustainability of Weathered Basement Aquifers in Tropical Africa Using Numerical Simulation and Global Sensitivity Analysis. <i>Water Resources Research</i> , 2020, 56, e2020WR027746. | 4.2 | 20 |
| 5 | In Situ Observations and Lumped Parameter Model Reconstructions Reveal Intra-Annual to Multidecadal Variability in Groundwater Levels in Sub-Saharan Africa. <i>Water Resources Research</i> , 2020, 56, e2020WR028056. | 4.2 | 20 |
| 6 | Hydrogeology of an urban weathered basement aquifer in Kampala, Uganda. <i>Hydrogeology Journal</i> , 2022, 30, 1469-1487. | 2.1 | 2 |