

Michael C Grenfell

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

416
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759233

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357
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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Analysis and conceptual geospatial modelling of the intermediary role of wetlands in drylands in post-fire material flux dynamics, Silvermine River catchment, Cape Town. <i>Wetlands Ecology and Management</i> , 2022, 30, 623-645. | 1.5 | 4 |
| 2 | Spectral classification, mapping and physical habitat implications of a riparian invasion by <i>Tamarix ramosissima</i> Ledeb. in the Touws River, Klein Karoo, South Africa. <i>African Journal of Aquatic Science</i> , 2022, 47, 197-206. | 1.1 | 1 |
| 3 | Influence of landscape moisture sources and topography on rock weathering patterns associated with wildfire. <i>Earth Surface Processes and Landforms</i> , 2022, 47, 1761-1777. | 2.5 | 5 |
| 4 | Morphodynamic modelling of dryland non-perennial riverscapes, with implications for environmental water allocation. <i>Progress in Physical Geography</i> , 2021, 45, 757-788. | 3.2 | 6 |
| 5 | Chute cutoff-driven abandonment and sedimentation of meander bends along a fine-grained, non-vegetated, ephemeral river on the Bolivian Altiplano. <i>Geomorphology</i> , 2020, 350, 106917. | 2.6 | 14 |
| 6 | The effectiveness of riparian zones in mitigating water quality impacts in an agriculturally dominated river system in South Africa. <i>African Journal of Aquatic Science</i> , 2020, 45, 336-349. | 1.1 | 2 |
| 7 | A Genetic Geomorphic Classification System for Southern African Palustrine Wetlands: Global Implications for the Management of Wetlands in Drylands. <i>Frontiers in Environmental Science</i> , 2019, 7, . | 3.3 | 27 |
| 8 | Ecosystem engineering by hummock-building earthworms in seasonal wetlands of eastern South Africa: Insights into the mechanics of biomorphodynamic feedbacks in wetland ecosystems. <i>Earth Surface Processes and Landforms</i> , 2019, 44, 354-366. | 2.5 | 6 |
| 9 | Effects of land use change on streamflow and stream water quality of a coastal catchment. <i>Water S A</i> , 2017, 43, 139. | 0.4 | 13 |
| 10 | Wetlands in southern Africa. , 2016, , 188-202. | | 6 |
| 11 | Will a rising sea sink some estuarine wetland ecosystems?. <i>Science of the Total Environment</i> , 2016, 554-555, 276-292. | 8.0 | 15 |
| 12 | Fluvial connectivity and climate: A comparison of channel pattern and process in two climatically contrasting fluvial sedimentary systems in South Africa. <i>Geomorphology</i> , 2014, 205, 142-154. | 2.6 | 46 |
| 13 | Mediative adjustment of river dynamics: The role of chute channels in tropical sand-bed meandering rivers. <i>Sedimentary Geology</i> , 2014, 301, 93-106. | 2.1 | 49 |
| 14 | Morphodynamics of a gully and floodout system in the Sneeuberg Mountains of the semi-arid Karoo, South Africa: Implications for local landscape connectivity. <i>Catena</i> , 2012, 89, 8-21. | 5.0 | 17 |
| 15 | Peat formation in the context of the development of the Mkuze floodplain on the coastal plain of Maputaland, South Africa. <i>Geomorphology</i> , 2012, 141-142, 11-20. | 2.6 | 21 |
| 16 | Chute channel dynamics in large, sand-bed meandering rivers. <i>Earth Surface Processes and Landforms</i> , 2012, 37, 315-331. | 2.5 | 76 |
| 17 | Sedimentary facies and geomorphic evolution of a blocked-valley lake: Lake Futululu, northern Kwazulu-Natal, South Africa. <i>Sedimentology</i> , 2010, 57, 1159. | 3.1 | 20 |
| 18 | Valley morphology and sediment cascades within a wetland system in the KwaZulu-Natal Drakensberg Foothills, Eastern South Africa. <i>Catena</i> , 2009, 78, 20-35. | 5.0 | 25 |

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|----|--|-----|-----------|
| 19 | Geomorphology and dynamics of the Mfolozi River floodplain, KwaZulu-Natal, South Africa. Geomorphology, 2009, 107, 226-240. | 2.6 | 29 |
| 20 | Tributary valley impoundment by trunk river floodplain development: a case study from the KwaZulu-Natal Drakensberg foothills, eastern South Africa. Earth Surface Processes and Landforms, 2008, 33, 2029-2044. | 2.5 | 32 |
| 21 | The wetlands. , 0, , 95-112. | | 2 |