# Mark Hoggard

## List of Publications by Year in Descending Order



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|---|---|---|---|
| 28 papers | 629 citations | 15 h-index | 25 g-index |
| 42 ext. papers | 827 ext. citations | 6.2 avg, IF | 4.59 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 28 | Glacial isostatic adjustment in the Red Sea: Impact of 3-D Earth structure. *Quaternary Science Reviews*, **2022**, 280, 107415 | 3.9 | 0 |
| 27 | The impact of 3-D Earth structure on far-field sea level following interglacial West Antarctic Ice Sheet collapse. *Quaternary Science Reviews*, **2021**, 273, 107256 | 3.9 | 3 |
| 26 | Rapid postglacial rebound amplifies global sea level rise following West Antarctic Ice Sheet collapse. *Science Advances*, **2021**, 7, | 14.3 | 7 |
| 25 | Observational Estimates of Dynamic Topography Through Space and Time. *Geophysical Monograph Series*, **2021**, 371-411 | 1.1 | 4 |
| 24 | The effect of lateral variations in Earth structure on Last Interglacial sea level. *Geophysical Journal International*, **2021**, 227, 1938-1960 | 2.6 | 6 |
| 23 | The precession constant and its long-term variation. *Icarus*, **2021**, 358, 114172 | 3.8 | 2 |
| 22 | The Global Fingerprint of Modern Ice-Mass Loss on 3-D Crustal Motion. *Geophysical Research Letters*, **2021**, 48, e2021GL095477 | 4.9 | 2 |
| 21 | Hotspots and mantle plumes revisited: Towards reconciling the mantle heat transfer discrepancy. *Earth and Planetary Science Letters*, **2020**, 542, 116317 | 5.3 | 15 |
| 20 | Dynamic Topography and Ice Age Paleoclimate. *Annual Review of Earth and Planetary Sciences*, **2020**, 48, 585-621 | 15.3 | 5 |
| 19 | Global distribution of sediment-hosted metals controlled by craton edge stability. *Nature Geoscience*, **2020**, 13, 504-510 | 18.3 | 46 |
| 18 | A tale of two domes: Neogene to recent volcanism and dynamic uplift of northeast Brazil and southwest Africa. *Earth and Planetary Science Letters*, **2020**, 547, 116464 | 5.3 | 9 |
| 17 | Quantifying the Relationship Between Short-Wavelength Dynamic Topography and Thermomechanical Structure of the Upper Mantle Using Calibrated Parameterization of Anelasticity. *Journal of Geophysical Research: Solid Earth*, **2020**, 125, e2019JB019062 | 3.6 | 18 |
| 16 | Structure and dynamics of the oceanic lithosphere-asthenosphere system. *Physics of the Earth and Planetary Interiors*, **2020**, 309, 106559 | 2.3 | 9 |
| 15 | Earth's multi-scale topographic response to global mantle flow. *Nature Geoscience*, **2019**, 12, 845-850 | 18.3 | 34 |
| 14 | Quantifying Asthenospheric and Lithospheric Controls on Mafic Magmatism Across North Africa. *Geochemistry, Geophysics, Geosystems*, **2019**, 20, 3520-3555 | 3.6 | 17 |
| 13 | Reply to "Geochemical Characteristics of Anatolian Basalts: Comment on "Neogene Uplift and Magmatism of Anatolia: Insights from Drainage Analysis and Basaltic Geochemistry" by McNab et al." *Geochemistry, Geophysics, Geosystems*, **2019**, 20, 542-544 | 3.6 | |
| 12 | Neogene Epeirogeny of Iberia. *Geochemistry, Geophysics, Geosystems*, **2019**, 20, 1138-1163 | 3.6 | 17 |

# List of Publications

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|---|---|---|---|
| 11 | On the amplitude of dynamic topography at spherical harmonic degree two. *Tectonophysics*, **2019**, 760, 221-228 | 3.1 | 24 |
| 10 | A Neogene history of mantle convective support beneath Borneo. *Earth and Planetary Science Letters*, **2018**, 496, 142-158 | 5.3 | 9 |
| 9 | Neogene Uplift and Magmatism of Anatolia: Insights From Drainage Analysis and Basaltic Geochemistry. *Geochemistry, Geophysics, Geosystems*, **2018**, 19, 175-213 | 3.6 | 45 |
| 8 | Reassessing the Thermal Structure of Oceanic Lithosphere With Revised Global Inventories of Basement Depths and Heat Flow Measurements. *Journal of Geophysical Research: Solid Earth*, **2018**, 123, 9136-9161 | 3.6 | 31 |
| 7 | Oceanic residual depth measurements, the plate cooling model, and global dynamic topography. *Journal of Geophysical Research: Solid Earth*, **2017**, 122, 2328 | 3.6 | 46 |
| 6 | Spatial and temporal uplift history of South America from calibrated drainage analysis. *Geochemistry, Geophysics, Geosystems*, **2017**, 18, 2321-2353 | 3.6 | 24 |
| 5 | Cenozoic epeirogeny of the Indian peninsula. *Geochemistry, Geophysics, Geosystems*, **2016**, 17, 4920-4954 | 3.6 | 30 |
| 4 | Global dynamic topography observations reveal limited influence of large-scale mantle flow. *Nature Geoscience*, **2016**, 9, 456-463 | 18.3 | 107 |
| 3 | A Cenozoic uplift history of Mexico and its surroundings from longitudinal river profiles. *Geochemistry, Geophysics, Geosystems*, **2014**, 15, 4734-4758 | 3.6 | 34 |
| 2 | Cenozoic epeirogeny of the Arabian Peninsula from drainage modeling. *Geochemistry, Geophysics, Geosystems*, **2014**, 15, 3723-3761 | 3.6 | 30 |
| 1 | Spatial and temporal patterns of Cenozoic dynamic topography around Australia. *Geochemistry, Geophysics, Geosystems*, **2013**, 14, 634-658 | 3.6 | 53 |