Mark Hoggard

List of Publications by Year
in descending order

28 papers	1,033 citations	430442 18 h-index	500791 28 g-index
42 all docs	42 docs citations	42 times ranked	897 citing authors

#	Article	IF	Citations
1	Global dynamic topography observations reveal limited influence of large-scale mantle flow. Nature Geoscience, 2016, 9, 456-463.	5.4	138
2	Global distribution of sediment-hosted metals controlled by craton edge stability. Nature Geoscience, 2020, 13, 504-510.	5.4	114
3	Oceanic residual depth measurements, the plate cooling model, and global dynamic topography. Journal of Geophysical Research: Solid Earth, 2017, 122, 2328-2372.	1.4	93
4	Spatial and temporal patterns of Cenozoic dynamic topography around Australia. Geochemistry, Geophysics, Geosystems, 2013, 14, 634-658.	1.0	68
5	Neogene Uplift and Magmatism of Anatolia: Insights From Drainage Analysis and Basaltic Geochemistry. Geochemistry, Geophysics, Geosystems, 2018, 19, 175-213.	1.0	64
6	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.	1.4	59
7	Earthâ€™s multi-scale topographic response to global mantle flow. Nature Geoscience, 2019, 12, 845-850.	5.4	51
8	A <scp>C</scp>enozoic uplift history of <scp>M</scp>exico and its surroundings from longitudinal river profiles. Geochemistry, Geophysics, Geosystems, 2014, 15, 4734-4758.	1.0	42
9	Spatial and temporal uplift history of <scp>S</scp>outh <scp>A</scp>merica from calibrated drainage analysis. Geochemistry, Geophysics, Geosystems, 2017, 18, 2321-2353.	1.0	38
10	Cenozoic epeirogeny of the Arabian Peninsula from drainage modeling. Geochemistry, Geophysics, Geosystems, 2014, 15, 3723-3761.	1.0	36
11	Cenozoic epeirogeny of the <scp>I</scp>ndian peninsula. Geochemistry, Geophysics, Geosystems, 2016, 17, 4920-4954.	1.0	35
12	Quantifying the Relationship Between Shortâ€Wavelength Dynamic Topography and Thermomechanical Structure of the Upper Mantle Using Calibrated Parameterization of Anelasticity. Journal of Geophysical Research: Solid Earth, 2020, 125, e2019JB019062.	1.4	34
13	On the amplitude of dynamic topography at spherical harmonic degree two. Tectonophysics, 2019, 760, 221-228.	0.9	32
14	Quantifying Asthenospheric and Lithospheric Controls on Mafic Magmatism Across North Africa. Geochemistry, Geophysics, Geosystems, 2019, 20, 3520-3555.	1.0	26
15	Hotspots and mantle plumes revisited: Towards reconciling the mantle heat transfer discrepancy. Earth and Planetary Science Letters, 2020, 542, 116317.	1.8	25
16	Rapid postglacial rebound amplifies global sea level rise following West Antarctic Ice Sheet collapse. Science Advances, 2021, 7, .	4.7	25
17	Neogene Epeirogeny of Iberia. Geochemistry, Geophysics, Geosystems, 2019, 20, 1138-1163.	1.0	21
18	Structure and dynamics of the oceanic lithosphere-asthenosphere system. Physics of the Earth and Planetary Interiors, 2020, 309, 106559.	0.7	21

#	Article	IF	Citations
19	The effect of lateral variations in Earth structure on Last Interglacial sea level. Geophysical Journal International, 2021, 227, 1938-1960.	1.0	19
20	A Neogene history of mantle convective support beneath Borneo. Earth and Planetary Science Letters, 2018, 496, 142-158.	1.8	18
21	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.	1.8	17
22	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.	1.4	12
23	Dynamic Topography and Ice Age Paleoclimate. Annual Review of Earth and Planetary Sciences, 2020, 48, 585-621.	4.6	10
24	The Global Fingerprint of Modern Iceâ€Mass Loss on 3â€D Crustal Motion. Geophysical Research Letters, 2021, 48, e2021GL095477.	1.5	7
25	The precession constant and its long-term variation. Icarus, 2021, 358, 114172.	1.1	6
26	Exceptionally stable preindustrial sea level inferred from the western Mediterranean Sea. Science Advances, 2022, 8, .	4.7	5
27	Glacial isostatic adjustment in the Red Sea: Impact of 3-D Earth structure. Quaternary Science Reviews, 2022, 280, 107415.	1.4	2
28	Reply to â€œGeochemical Characteristics of Anatolian Basalts: Comment on â€˜Neogene Uplift and Magmatism of Anatolia: Insights from Drainage Analysis and Basaltic Geochemistryâ€™ by McNab et al.â€• Geochemistry, Geophysics, Geosystems, 2019, 20, 542-544.	1.0	0