

Rakib Hassan

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

335
citations

1039406

9
h-index

1199166

12
g-index

16
all docs

16
docs citations

16
times ranked

418
citing authors

#	ARTICLE	IF	CITATIONS
1	A rapid burst in hotspot motion through the interaction of tectonics and deep mantle flow. <i>Nature</i> , 2016, 533, 239-242.	13.7	73
2	Provenance of plumes in global convection models. <i>Geochemistry, Geophysics, Geosystems</i> , 2015, 16, 1465-1489.	1.0	58
3	Dynamic topography of passive continental margins and their hinterlands since the Cretaceous. <i>Gondwana Research</i> , 2018, 53, 225-251.	3.0	55
4	The MTPy software package for magnetotelluric data analysis and visualisation. <i>Journal of Open Source Software</i> , 2019, 4, 1358.	2.0	52
5	Dynamic topography and eustasy controlled the paleogeographic evolution of northern Africa since the mid-Cretaceous. <i>Tectonics</i> , 2017, 36, 929-944.	1.3	28
6	The influence of carbonate platform interactions with subduction zone volcanism on palaeo-atmospheric CO ₂ since the Devonian. <i>Climate of the Past</i> , 2018, 14, 857-870.	1.3	19
7	The deep Earth origin of the Iceland plume and its effects on regional surface uplift and subsidence. <i>Solid Earth</i> , 2017, 8, 235-254.	1.2	17
8	East African topography and volcanism explained by a single, migrating plume. <i>Geoscience Frontiers</i> , 2020, 11, 1669-1680.	4.3	14
9	The coherency of ambient seismic noise recorded during land surveys and the resulting implications for the effectiveness of geophone arrays. <i>Geophysics</i> , 2015, 80, P1-P10.	1.4	12
10	Tectonic and Geodynamic Evolution of the Northern Australian Margin and New Guinea. <i>ASEG Extended Abstracts</i> , 2018, 2018, 1-7.	0.1	3
11	SPGM: A Scalable PaleoGeomorphology Model. <i>SoftwareX</i> , 2018, 7, 263-272.	1.2	2
12	Tectonics and geodynamics of the eastern Tethys and northern Gondwana since the Jurassic. <i>ASEG Extended Abstracts</i> , 2018, 2018, 1-6.	0.1	1
13	Field Measurements of Land Seismic Ambient Noise and Their Implications for the Effectiveness of Geophone Arrays. , 2014, , .		1
14	The Application of Geophysics to the Sport of Cricket. <i>Preview</i> , 2015, 2015, 46-49.	0.0	0
15	THE ROLE OF DEEP MANTLE FLOW IN SHAPING THE HAWAIIAN-EMPEROR BEND. , 2017, , .		0