

R N Mitchell

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

931
citations

840776

11
h-index

677142

22
g-index

34
all docs

34
docs citations

34
times ranked

802
citing authors

#	ARTICLE	IF	CITATIONS
1	Four-month intrinsic viral cycle in COVID-19. <i>Innovation(China)</i> , 2022, 3, 100196.	9.1	4
2	Did an asteroid impact cause temporary warming during snowball Earth?. <i>Earth and Planetary Science Letters</i> , 2022, 581, 117407.	4.4	2
3	Massive Volcanism May Have Foreshortened the Marinoan Snowball Earth. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	10
4	Archean cratonic mantle recycled at a mid-ocean ridge. <i>Science Advances</i> , 2022, 8, .	10.3	30
5	Fe isotopic evidence that "high pressure" TTGs formed at low pressure. <i>Earth and Planetary Science Letters</i> , 2022, 592, 117645.	4.4	11
6	Transient mobilization of subcrustal carbon coincident with Palaeocene "Eocene Thermal Maximum. <i>Nature Geoscience</i> , 2022, 15, 573-579.	12.9	8
7	Less is not always more: A more inclusive data-filtering approach to secular mantle cooling. <i>Precambrian Research</i> , 2022, 379, 106787.	2.7	6
8	The supercontinent cycle. <i>Nature Reviews Earth & Environment</i> , 2021, 2, 358-374.	29.7	102
9	A Late Cretaceous true polar wander oscillation. <i>Nature Communications</i> , 2021, 12, 3629.	12.8	15
10	Orbital forcing of ice sheets during snowball Earth. <i>Nature Communications</i> , 2021, 12, 4187.	12.8	13
11	Enigmatic Mid-Proterozoic Orogens: Hot, Thin, and Low. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL093312.	4.0	35
12	Chang "ME-5 reveals the Moon's secrets to a longer life. <i>Innovation(China)</i> , 2021, 2, 100177.	9.1	8
13	Trial by fire: Testing the paleolongitude of Pangea of competing reference frames with the African LLSVP. <i>Geoscience Frontiers</i> , 2020, 11, 1253-1256.	8.4	7
14	Seismological evidence for the earliest global subduction network at 2 Ga ago. <i>Science Advances</i> , 2020, 6, eabc5491.	10.3	82
15	Harmonic hierarchy of mantle and lithospheric convective cycles: Time series analysis of hafnium isotopes of zircon. <i>Gondwana Research</i> , 2019, 75, 239-248.	6.0	29
16	Major shoreline retreat and sediment starvation following Snowball Earth. <i>Terra Nova</i> , 2019, 31, 495-502.	2.1	6
17	Hit or miss: Glacial incisions of snowball Earth. <i>Terra Nova</i> , 2019, 31, 381-389.	2.1	9
18	Evidence for Whole Mantle Convection Driving Cordilleran Tectonics. <i>Geophysical Research Letters</i> , 2019, 46, 4239-4248.	4.0	24

#	ARTICLE	IF	CITATIONS
19	True polar wander and supercontinent cycles: Implications for lithospheric elasticity and the triaxial earth. <i>Numerische Mathematik</i> , 2014, 314, 966-979.	1.4	25
20	Plate tectonics before 2.0 Ga: Evidence from paleomagnetism of cratons within supercontinent Nuna. <i>Numerische Mathematik</i> , 2014, 314, 878-894.	1.4	39
21	Assembly and breakup of the core of Paleoproterozoic-Mesoproterozoic supercontinent Nuna. <i>Geology</i> , 2011, 39, 443-446.	4.4	416
22	Sutton hotspot: Resolving Ediacaran-Cambrian Tectonics and true polar wander for Laurentia. <i>Numerische Mathematik</i> , 2011, 311, 651-663.	1.4	49