

Andrew S Merdith

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,167
citations

567144

15
h-index

580701

25
g-index

33
all docs

33
docs citations

33
times ranked

951
citing authors

#	ARTICLE	IF	CITATIONS
1	Palaeolatitudinal distribution of the Ediacaran macrobiota. <i>Journal of the Geological Society</i> , 2022, 179, .	0.9	10
2	Assembly of the basal mantle structure beneath Africa. <i>Nature</i> , 2022, 603, 846-851.	13.7	19
3	Long-term Phanerozoic sea level change from solid Earth processes. <i>Earth and Planetary Science Letters</i> , 2022, 584, 117451.	1.8	21
4	Evolution of Earth's tectonic carbon conveyor belt. <i>Nature</i> , 2022, 605, 629-639.	13.7	43
5	Transient mobilization of subcrustal carbon coincident with Palaeocene–Eocene Thermal Maximum. <i>Nature Geoscience</i> , 2022, 15, 573-579.	5.4	8
6	A tectonic-rules-based mantle reference frame since 1 billion years ago – implications for supercontinent cycles and plate–mantle system evolution. <i>Solid Earth</i> , 2022, 13, 1127-1159.	1.2	16
7	The influence of mantle flow on intracontinental basins: Three examples from Australia. <i>Basin Research</i> , 2021, 33, 1429-1453.	1.3	5
8	Dataset for H ₂ , CH ₄ and organic compounds formation during experimental serpentinization. <i>Geoscience Data Journal</i> , 2021, 8, 90-100.	1.8	4
9	Extending full-plate tectonic models into deep time: Linking the Neoproterozoic and the Phanerozoic. <i>Earth-Science Reviews</i> , 2021, 214, 103477.	4.0	183
10	Closure of the Proterozoic Mozambique Ocean was instigated by a late Tonian plate reorganization event. <i>Communications Earth & Environment</i> , 2021, 2, .	2.6	23
11	Global chemical weathering dominated by continental arcs since the mid-Palaeozoic. <i>Nature Geoscience</i> , 2021, 14, 690-696.	5.4	40
12	The Arabian–Nubian Shield Within the Neoproterozoic Plate Tectonic Circuit. <i>Regional Geology Reviews</i> , 2021, , 195-202.	1.2	2
13	Neoproterozoic opening of the Pacific Ocean recorded by multi-stage rifting in Tasmania, Australia. <i>Earth-Science Reviews</i> , 2020, 201, 103041.	4.0	21
14	Exploring Carbon Mineral Systems: Recent Advances in C Mineral Evolution, Mineral Ecology, and Network Analysis. <i>Frontiers in Earth Science</i> , 2020, 8, .	0.8	29
15	Pulsated Global Hydrogen and Methane Flux at Mid-Ocean Ridges Driven by Pangea Breakup. <i>Geochemistry, Geophysics, Geosystems</i> , 2020, 21, e2019GC008869.	1.0	15
16	Evolving Marginal Terranes During Neoproterozoic Supercontinent Reorganization: Constraints From the Bemarivo Domain in Northern Madagascar. <i>Tectonics</i> , 2019, 38, 2019-2035.	1.3	29
17	Tectonic Controls on Carbon and Serpentinite Storage in Subducted Upper Oceanic Lithosphere for the Past 320 Ma. <i>Frontiers in Earth Science</i> , 2019, 7, .	0.8	16
18	Rift and plate boundary evolution across two supercontinent cycles. <i>Global and Planetary Change</i> , 2019, 173, 1-14.	1.6	70

#	ARTICLE	IF	CITATIONS
19	Rodinian devil in disguise: Correlation of 1.25â€“1.10 Ga strata between Tasmania and Grand Canyon. <i>Geology</i> , 2018, 46, 991-994.	2.0	30
20	A full-plate global reconstruction of the Neoproterozoic. <i>Gondwana Research</i> , 2017, 50, 84-134.	3.0	474
21	Kinematic constraints on the Rodinia to Gondwana transition. <i>Precambrian Research</i> , 2017, 299, 132-150.	1.2	59
22	Tectonic environments of South American porphyry copper magmatism through time revealed by spatiotemporal data mining. <i>Tectonics</i> , 2016, 35, 2847-2862.	1.3	15
23	Prospectivity of Western Australian iron ore from geophysical data using a reject option classifier. <i>Ore Geology Reviews</i> , 2015, 71, 761-776.	1.1	7
24	Towards a predictive model for opal exploration using a spatio-temporal data mining approach. <i>Australian Journal of Earth Sciences</i> , 2013, 60, 217-229.	0.4	11
25	Relationships between palaeogeography and opal occurrence in Australia: A data-mining approach. <i>Computers and Geosciences</i> , 2013, 56, 76-82.	2.0	11