

Aaron J Martin

List of Publications by Year in descending order

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32
papers

2,667
citations

430874

18
h-index

477307

29
g-index

32
all docs

32
docs citations

32
times ranked

2314
citing authors

#	ARTICLE	IF	CITATIONS
1	Provenance and maximum depositional ages of Upper Triassic and Jurassic sandstone, north-eastern Mexico. <i>Basin Research</i> , 2022, 34, 1164-1190.	2.7	3
2	Stable isotope compositions of surface water in Mexico between 22°–26°N. <i>Journal of South American Earth Sciences</i> , 2022, 115, 103723.	1.4	1
3	Removal of barite from zircon using an aqueous solution of diethylenetriaminepentaacetic acid and potassium carbonate. <i>American Mineralogist</i> , 2021, , .	1.9	0
4	Experiments on two techniques for the removal of barite from detrital zircon. <i>American Mineralogist</i> , 2021, 106, 930-943.	1.9	2
5	Crustal structure and Curie point depth in central Mexico inferred from the spectral analysis and forward modeling of potential field data. <i>Journal of South American Earth Sciences</i> , 2021, 112, 103565.	1.4	7
6	Five hundred million years of punctuated addition of juvenile crust during extension in the Goochland Terrane, central Appalachian Piedmont Province. <i>International Geology Review</i> , 2020, 62, 523-548.	2.1	3
7	The Greater Himalayan Thrust Belt: Insight Into the Assembly of the Exhumed Himalayan Metamorphic Core, Modi Khola Valley, Central Nepal. <i>Tectonics</i> , 2020, 39, e2020TC006252.	2.8	9
8	Cambrian geology of the Salt Range of Pakistan: Linking the Himalayan margin to the Indian craton: Comment. <i>Bulletin of the Geological Society of America</i> , 2020, 132, 444-445.	3.3	1
9	Wrinkle ridges on Mercury and the Moon within and outside of mascons. <i>Icarus</i> , 2019, 331, 226-237.	2.5	16
10	Further detrital zircon evidence for peri-Gondwanan blocks in the central Appalachian Piedmont Province, USA. <i>Canadian Journal of Earth Sciences</i> , 2019, 56, 1061-1076.	1.3	3
11	Avances recientes en la comprensión del sistema de vida terrestre del Ediacárico tardío en China meridional y el Ártico siberiano. <i>Estudios Geológicos</i> , 2019, 75, 097.	0.2	1
12	A review of Himalayan stratigraphy, magmatism, and structure. <i>Gondwana Research</i> , 2017, 49, 42-80.	6.0	82
13	A review of definitions of the Himalayan Main Central Thrust. <i>International Journal of Earth Sciences</i> , 2017, 106, 2131-2145.	1.8	67
14	Environmental context for the terminal Ediacaran biomineralization of animals. <i>Geobiology</i> , 2016, 14, 344-363.	2.4	78
15	Laurentian and Amazonian sediment sources to Neoproterozoic–lower Paleozoic Maryland Piedmont rocks. , 2015, 11, 1042-1061.		5
16	Extrusion vs. duplexing models of Himalayan mountain building 3: duplexing dominates from the Oligocene to Present. <i>International Geology Review</i> , 2015, 57, 1-27.	2.1	75
17	Coulomb stress transfer and modeled permanent vertical surface deformation from the August 2011, Mineral, Virginia, earthquake. , 2015, , .		2
18	Muscovite ⁴⁰ Ar/ ³⁹ Ar ages help reveal the Neogene tectonic evolution of the southern Annapurna Range, central Nepal. <i>Geological Society Special Publication</i> , 2015, 412, 199-220.	1.3	23

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19	Reconstructing the Greater Indian margin: A balanced cross section in central Nepal focusing on the Lesser Himalayan duplex. <i>Tectonics</i> , 2014, 33, 2143-2168.	2.8	72
20	Correlations of fluvial knickzones with landslide dams, lithologic contacts, and faults in the southwestern Annapurna Range, central Nepalese Himalaya. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	38
21	Apatite thermochronometry within a knickzone near the Higher Himalaya front, central Nepal: No resolvable fault motion in the past one million years. <i>Tectonics</i> , 2012, 31, .	2.8	22
22	Detrital zircon geochronology of pre-Tertiary strata in the Tibetan-Himalayan orogen. <i>Tectonics</i> , 2011, 30, .	2.8	626
23	Stratigraphic and tectonic implications of field and isotopic constraints on depositional ages of Proterozoic Lesser Himalayan rocks in central Nepal. <i>Precambrian Research</i> , 2011, 185, 1-17.	2.7	64
24	Metamorphism of Greater and Lesser Himalayan rocks exposed in the Modi Khola valley, central Nepal. <i>Contributions To Mineralogy and Petrology</i> , 2010, 159, 203-223.	3.1	67
25	The Lower Cretaceous King Lear Formation, northwest Nevada: Implications for Mesozoic orogenesis in the western U.S. Cordillera. <i>Bulletin of the Geological Society of America</i> , 2010, 122, 537-562.	3.3	14
26	Radiometric and stratigraphic constraints on terminal Ediacaran (post-Gaskiers) glaciation and metazoan evolution. <i>Precambrian Research</i> , 2010, 182, 402-412.	2.7	57
27	Sub-millimeter Heterogeneity of Yttrium and Chromium during Growth of Semi-pelitic Garnet. <i>Journal of Petrology</i> , 2009, 50, 1713-1727.	2.8	24
28	The tectonic significance of (U,Th)/Pb ages of monazite inclusions in garnet from the Himalaya of central Nepal. <i>Chemical Geology</i> , 2007, 244, 1-24.	3.3	95
29	Isotopic and structural constraints on the location of the Main Central thrust in the Annapurna Range, central Nepal Himalaya. <i>Bulletin of the Geological Society of America</i> , 2005, 117, 926.	3.3	175
30	Detrital geochronology and geochemistry of Cretaceous-Early Miocene strata of Nepal: implications for timing and diachroneity of initial Himalayan orogenesis. <i>Earth and Planetary Science Letters</i> , 2004, 227, 313-330.	4.4	337
31	Initiation of the Himalayan Orogen as an Early Paleozoic Thin-skinned Thrust Belt. <i>GSA Today</i> , 2003, 13, 4.	2.0	637
32	Flaser and wavy bedding in ephemeral streams: a modern and an ancient example. <i>Sedimentary Geology</i> , 2000, 136, 1-5.	2.1	61