Antony Morris

List of Publications by Year in descending order

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Version: 2024-02-01

58	1,904	279798	276875
papers	citations	23 h-index	41 g-index

63	63	63	1841
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Magnetic anisotropy reveals Acadian transpressional fabrics in an Appalachian ophiolite (Thetford) Tj ETQq1 1 0.784314 rgBT /Overlock	2.4	3
2	Magnetic Mineral Populations in Lower Oceanic Crustal Gabbros (Atlantis Bank, SW Indian Ridge): Implications for Marine Magnetic Anomalies. Geochemistry, Geophysics, Geosystems, 2020, 21, e2019GC008847.	2.5	2
3	Dynamic Accretion Beneath a Slowâ€Spreading Ridge Segment: IODP Hole 1473A and the Atlantis Bank Oceanic Core Complex. Journal of Geophysical Research: Solid Earth, 2019, 124, 12631-12659.	3.4	53
4	What do variable magnetic fabrics in gabbros of the Oman ophiolite reveal about lower oceanic crustal magmatism at fast spreading ridges?. Geology, 2019, 47, 275-278.	4.4	7
5	Kinematics of Late Cretaceous subduction initiation in the Neoâ€Tethys Ocean reconstructed from ophiolites of Turkey, Cyprus, and Syria. Journal of Geophysical Research: Solid Earth, 2017, 122, 3953-3976.	3.4	78
6	Rapid fore-arc extension and detachment-mode spreading following subduction initiation. Earth and Planetary Science Letters, 2017, 478, 76-88.	4.4	17
7	The onset of fabric development in deep marine sediments. Earth and Planetary Science Letters, 2017, 474, 32-39.	4.4	13
8	Reply to 'Unclear causes for subduction'. Nature Geoscience, 2016, 9, 338-339.	12.9	7
9	Did the Kyrenia Range of northern Cyprus rotate with the Troodosâ€“Hatay microplate during the tectonic evolution of the eastern Mediterranean?. International Journal of Earth Sciences, 2016, 105, 399-415.	1.8	4
10	Characterization of the in situ magnetic architecture of oceanic crust (Hess Deep) using nearâ€source vector magnetic data. Journal of Geophysical Research: Solid Earth, 2016, 121, 4130-4146.	3.4	10
11	Clockwise rotation of the entire Oman ophiolite occurred in a suprasubduction zone setting. Geology, 2016, 44, 1055-1058.	4.4	20
12	Is the Troodos ophiolite (Cyprus) a complete, transform faultâ€“bounded Neotethyan ridge segment?. Geology, 2016, 44, 199-202.	4.4	22
13	Dynamics of intraoceanic subduction initiation: 1. Oceanic detachment fault inversion and the formation of supraâ€subduction zone ophiolites. Geochemistry, Geophysics, Geosystems, 2015, 16, 1753-1770.	2.5	107
14	A record of spontaneous subduction initiation in the Izuâ€“Boninâ€“Mariana arc. Nature Geoscience, 2015, 8, 728-733.	12.9	194
15	Magmatic accretion and thermal convection at the sheeted dike complexâ€“gabbro boundary in superfast spreading crust, ODP Hole 1256D. Tectonophysics, 2015, 660, 107-116.	2.2	2
16	Formation and Evolution of Oceanic Lithosphere: New Insights on Crustal Structure and Igneous Geochemistry from ODP/IODP Sites 1256, U1309, and U1415. Developments in Marine Geology, 2014, , 449-505.	0.4	10
17	Primitive layered gabbros from fast-spreading lower oceanic crust. Nature, 2014, 505, 204-207.	27.8	125
18	Magnetic properties of variably serpentinized peridotites and their implication for the evolution of oceanic core complexes. Geochemistry, Geophysics, Geosystems, 2014, 15, 923-944.	2.5	67

#	Article	IF	Citations
19	Recognizing detachment-mode seafloor spreading in the deep geological past. Scientific Reports, 2013, 3, 2336.	3.3	33
20	Evidence of mass failure in the Hess Deep Rift from multi-resolutional bathymetry data. Marine Geology, 2013, 339, 13-21.	2.1	15
21	The internal structure of an oceanic core complex: An integrated analysis of oriented borehole imagery from IODP Hole U1309D (Atlantis Massif). Geochemistry, Geophysics, Geosystems, 2012, 13, .	2.5	12
22	Drilling constraints on lithospheric accretion and evolution at Atlantis Massif, Mid-Atlantic Ridge 30Â°N. Journal of Geophysical Research, 2011, 116, .	3.3	112
23	Quantitative constraint on footwall rotations at the 15Â°45â€²N oceanic core complex, Midâ€Atlantic Ridge: Implications for oceanic detachment fault processes. Geochemistry, Geophysics, Geosystems, 2011, 12, .	2.5	43
24	Timing of uplift of the Troodos Massif (Cyprus) constrained by sedimentary and magnetic polarity evidence. Journal of the Geological Society, 2011, 168, 457-470.	2.1	43
25	Neotethyan intraoceanic microplate rotation and variations in spreading axis orientation: Palaeomagnetic evidence from the Hatay ophiolite (southern Turkey). Earth and Planetary Science Letters, 2009, 280, 105-117.	4.4	27
26	Footwall rotation in an oceanic core complex quantified using reoriented Integrated Ocean Drilling Program core samples. Earth and Planetary Science Letters, 2009, 287, 217-228.	4.4	116
27	Successive structural events in the Hatay ophiolite of southeast Turkey: Distinguishing oceanic, emplacement and post-emplacement phases of faulting. Tectonophysics, 2009, 473, 208-222.	2.2	26
28	Palaeomagnetic insights into the evolution of Neotethyan oceanic crust in the eastern Mediterranean. Geological Society Special Publication, 2006, 260, 351-372.	1.3	17
29	Comment on: â€œTectonics of the Akamas and Mamonia ophiolites, Western Cyprus: magnetic petrofabrics and paleomagnetismâ€•by G.J. Borradaile and K. Lucasâ˜†. Journal of Structural Geology, 2005, 27, 171-174.	2.3	0
30	The puzzle of axis-normal magnetic lineations in folded low-grade sediments (Bude Formation, SW) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.3	2
31	A palaeomagnetic and rock magnetic glossary. Tectonophysics, 2003, 377, 211-228.	2.2	3
32	The Late Cretaceous palaeolatitude of the Neotethyan spreading axis in the eastern Mediterranean region. Tectonophysics, 2003, 377, 157-178.	2.2	10
33	Extreme tectonic rotations within an eastern Mediterranean ophiolite (BaÃ«râ€“Bassit, Syria). Earth and Planetary Science Letters, 2002, 202, 247-261.	4.4	30
34	Palaeomagnetic results from the BaÃ«r-Bassit ophiolite of northern Syria and their implication for fold tests in sheeted dyke terrains. Physics and Chemistry of the Earth, 2002, 27, 1215-1222.	2.9	12
35	Magnetic fabric and palaeomagnetic analyses of the Plioâ€“Quaternary calcâ€“alkaline series of Aegina Island, South Aegean volcanic arc, Greece. Earth and Planetary Science Letters, 2000, 176, 91-105.	4.4	25
36	Comment on â€œblock rotations and continental extension in the central aegean sea: palaeomagnetic and structural evidence from tinos and mykonos (cyclades, greece)â€•by D. Avigad et al. Earth and Planetary Science Letters, 1999, 171, 511-512.	4.4	2

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37	Evidence for the importance of `small' faults on block rotation. Tectonophysics, 1998, 299, 1-13.	2.2	25
38	Multiple tectonic rotations and transform tectonism in an intraoceanic suture zone, SW Cyprus. Tectonophysics, 1998, 299, 229-253.	2.2	40
39	Alternative tectonic models for the Late Palaeozoic-Early Tertiary development of Tethys in the Eastern Mediterranean region. Geological Society Special Publication, 1996, 105, 239-263.	1.3	137
40	Proxy-climate and geomagnetic palaeointensity records extending back to ca. 75,000 bp derived from sediments cored from Lago Grande di Monticchio, southern Italy. Quaternary Science Reviews, 1996, 15, 167-188.	3.0	42
41	First palaeomagnetic results from the Cycladic Massif, Greece, and their implications for Miocene extension directions and tectonic models in the Aegean. Earth and Planetary Science Letters, 1996, 142, 397-408.	4.4	81
42	Palaeomagnetism and tectonics of the Mediterranean region: an introduction. Geological Society Special Publication, 1996, 105, 1-18.	1.3	6
43	A review of palaeomagnetic research in the Troodos ophiolite, Cyprus. Geological Society Special Publication, 1996, 105, 311-324.	1.3	24
44	Glossary of basic palaeomagnetic and rock magnetic terms. Geological Society Special Publication, 1996, 105, 401-415.	1.3	0
45	Rotational deformation during Palaeogene thrusting and basin closure in eastern central Greece: palaeomagnetic evidence from Mesozoic carbonates. Geophysical Journal International, 1995, 121, 827-847.	2.4	33
46	Miocene remagnetisation of carbonate platform and Antalya Complex units within the Isparta angle, SW Turkey. Tectonophysics, 1993, 220, 243-266.	2.2	63
47	Palaeomagnetic evidence for clockwise rotations related to dextral shear along the Southern Troodos Transform Fault, Cyprus. Earth and Planetary Science Letters, 1990, 99, 250-262.	4.4	54
48	Expedition 351 methods. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	8
49	Expedition 360 summary. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	20
50	Expedition 360 methods. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	16
51	Site U1473. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	20
52	Hole U1473A remediation operations, Expedition 362T. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	6
53	Data report: spatial and temporal evolution of slow spread oceanic crustÂ–graphic sections of core recovered from IODP Hole U1309D, Atlantis Massif, 30Â°N, MAR (including Pb/U zircon geochronology) Tj ETQq1 1 0.784314 rgBT /Ove Ocean Drilling Program, 0, , .	1.0	4
54	Expedition 345 summary. Proceedings of the Integrated Ocean Drilling Program Integrated Ocean Drilling Program, 0, , .	1.0	18

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55	Hole U1415I. Proceedings of the Integrated Ocean Drilling Program Integrated Ocean Drilling Program, 0, , .	1.0	4
56	Bench site survey. Proceedings of the Integrated Ocean Drilling Program Integrated Ocean Drilling Program, 0, , .	1.0	9
57	Hole U1415AJ. Proceedings of the Integrated Ocean Drilling Program Integrated Ocean Drilling Program, 0, , .	1.0	4
58	Hole U1415P. Proceedings of the Integrated Ocean Drilling Program Integrated Ocean Drilling Program, 0, , .	1.0	2