

Antony Morris

List of Publications by Year in descending order

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58
papers

1,904
citations

279798

23
h-index

276875

41
g-index

63
all docs

63
docs citations

63
times ranked

1841
citing authors

#	ARTICLE	IF	CITATIONS
1	A record of spontaneous subduction initiation in the Izu-Bonin-Mariana arc. <i>Nature Geoscience</i> , 2015, 8, 728-733.	12.9	194
2	Alternative tectonic models for the Late Palaeozoic-Early Tertiary development of Tethys in the Eastern Mediterranean region. <i>Geological Society Special Publication</i> , 1996, 105, 239-263.	1.3	137
3	Primitive layered gabbros from fast-spreading lower oceanic crust. <i>Nature</i> , 2014, 505, 204-207.	27.8	125
4	Footwall rotation in an oceanic core complex quantified using reoriented Integrated Ocean Drilling Program core samples. <i>Earth and Planetary Science Letters</i> , 2009, 287, 217-228.	4.4	116
5	Drilling constraints on lithospheric accretion and evolution at Atlantis Massif, Mid-Atlantic Ridge 30°N. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	112
6	Dynamics of intraoceanic subduction initiation: 1. Oceanic detachment fault inversion and the formation of supra-subduction zone ophiolites. <i>Geochemistry, Geophysics, Geosystems</i> , 2015, 16, 1753-1770.	2.5	107
7	First palaeomagnetic results from the Cycladic Massif, Greece, and their implications for Miocene extension directions and tectonic models in the Aegean. <i>Earth and Planetary Science Letters</i> , 1996, 142, 397-408.	4.4	81
8	Kinematics of Late Cretaceous subduction initiation in the Neo-Tethys Ocean reconstructed from ophiolites of Turkey, Cyprus, and Syria. <i>Journal of Geophysical Research: Solid Earth</i> , 2017, 122, 3953-3976.	3.4	78
9	Magnetic properties of variably serpentinized peridotites and their implication for the evolution of oceanic core complexes. <i>Geochemistry, Geophysics, Geosystems</i> , 2014, 15, 923-944.	2.5	67
10	Miocene remagnetisation of carbonate platform and Antalya Complex units within the Isparta angle, SW Turkey. <i>Tectonophysics</i> , 1993, 220, 243-266.	2.2	63
11	Palaeomagnetic evidence for clockwise rotations related to dextral shear along the Southern Troodos Transform Fault, Cyprus. <i>Earth and Planetary Science Letters</i> , 1990, 99, 250-262.	4.4	54
12	Dynamic Accretion Beneath a Slow-Spreading Ridge Segment: IODP Hole 1473A and the Atlantis Bank Oceanic Core Complex. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 12631-12659.	3.4	53
13	Quantitative constraint on footwall rotations at the 15°45'N oceanic core complex, Mid-Atlantic Ridge: Implications for oceanic detachment fault processes. <i>Geochemistry, Geophysics, Geosystems</i> , 2011, 12, .	2.5	43
14	Timing of uplift of the Troodos Massif (Cyprus) constrained by sedimentary and magnetic polarity evidence. <i>Journal of the Geological Society</i> , 2011, 168, 457-470.	2.1	43
15	Proxy-climate and geomagnetic palaeointensity records extending back to ca. 75,000 bp derived from sediments cored from Lago Grande di Monticchio, southern Italy. <i>Quaternary Science Reviews</i> , 1996, 15, 167-188.	3.0	42
16	Multiple tectonic rotations and transform tectonism in an intraoceanic suture zone, SW Cyprus. <i>Tectonophysics</i> , 1998, 299, 229-253.	2.2	40
17	Rotational deformation during Palaeogene thrusting and basin closure in eastern central Greece: palaeomagnetic evidence from Mesozoic carbonates. <i>Geophysical Journal International</i> , 1995, 121, 827-847.	2.4	33
18	Recognizing detachment-mode seafloor spreading in the deep geological past. <i>Scientific Reports</i> , 2013, 3, 2336.	3.3	33

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19	Extreme tectonic rotations within an eastern Mediterranean ophiolite (Bağrıçayır, Syria). <i>Earth and Planetary Science Letters</i> , 2002, 202, 247-261.	4.4	30
20	Neotethyan intraoceanic microplate rotation and variations in spreading axis orientation: Palaeomagnetic evidence from the Hatay ophiolite (southern Turkey). <i>Earth and Planetary Science Letters</i> , 2009, 280, 105-117.	4.4	27
21	Successive structural events in the Hatay ophiolite of southeast Turkey: Distinguishing oceanic, emplacement and post-emplacement phases of faulting. <i>Tectonophysics</i> , 2009, 473, 208-222.	2.2	26
22	Evidence for the importance of 'small' faults on block rotation. <i>Tectonophysics</i> , 1998, 299, 1-13.	2.2	25
23	Magnetic fabric and palaeomagnetic analyses of the Pliocene-Quaternary calc-alkaline series of Aegina Island, South Aegean volcanic arc, Greece. <i>Earth and Planetary Science Letters</i> , 2000, 176, 91-105.	4.4	25
24	A review of palaeomagnetic research in the Troodos ophiolite, Cyprus. <i>Geological Society Special Publication</i> , 1996, 105, 311-324.	1.3	24
25	Is the Troodos ophiolite (Cyprus) a complete, transform fault-bounded Neotethyan ridge segment?. <i>Geology</i> , 2016, 44, 199-202.	4.4	22
26	Clockwise rotation of the entire Oman ophiolite occurred in a suprasubduction zone setting. <i>Geology</i> , 2016, 44, 1055-1058.	4.4	20
27	Expedition 360 summary. <i>Proceedings of the International Ocean Discovery Program</i> , 0, , .	0.0	20
28	Site U1473. <i>Proceedings of the International Ocean Discovery Program</i> , 0, , .	0.0	20
29	Expedition 345 summary. <i>Proceedings of the Integrated Ocean Drilling Program Integrated Ocean Drilling Program</i> , 0, , .	1.0	18
30	Palaeomagnetic insights into the evolution of Neotethyan oceanic crust in the eastern Mediterranean. <i>Geological Society Special Publication</i> , 2006, 260, 351-372.	1.3	17
31	Rapid fore-arc extension and detachment-mode spreading following subduction initiation. <i>Earth and Planetary Science Letters</i> , 2017, 478, 76-88.	4.4	17
32	Expedition 360 methods. <i>Proceedings of the International Ocean Discovery Program</i> , 0, , .	0.0	16
33	Evidence of mass failure in the Hess Deep Rift from multi-resolutional bathymetry data. <i>Marine Geology</i> , 2013, 339, 13-21.	2.1	15
34	The onset of fabric development in deep marine sediments. <i>Earth and Planetary Science Letters</i> , 2017, 474, 32-39.	4.4	13
35	Palaeomagnetic results from the Bağrıçayır ophiolite of northern Syria and their implication for fold tests in sheeted dyke terrains. <i>Physics and Chemistry of the Earth</i> , 2002, 27, 1215-1222.	2.9	12
36	The internal structure of an oceanic core complex: An integrated analysis of oriented borehole imagery from IODP Hole U1309D (Atlantis Massif). <i>Geochemistry, Geophysics, Geosystems</i> , 2012, 13, .	2.5	12

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37	The Late Cretaceous palaeolatitude of the Neotethyan spreading axis in the eastern Mediterranean region. <i>Tectonophysics</i> , 2003, 377, 157-178.	2.2	10
38	Formation and Evolution of Oceanic Lithosphere: New Insights on Crustal Structure and Igneous Geochemistry from ODP/IODP Sites 1256, U1309, and U1415. <i>Developments in Marine Geology</i> , 2014, , 449-505.	0.4	10
39	Characterization of the in situ magnetic architecture of oceanic crust (Hess Deep) using near-source vector magnetic data. <i>Journal of Geophysical Research: Solid Earth</i> , 2016, 121, 4130-4146.	3.4	10
40	Bench site survey. <i>Proceedings of the Integrated Ocean Drilling Program Integrated Ocean Drilling Program</i> , 0, , .	1.0	9
41	Expedition 351 methods. <i>Proceedings of the International Ocean Discovery Program</i> , 0, , .	0.0	8
42	Reply to 'Unclear causes for subduction'. <i>Nature Geoscience</i> , 2016, 9, 338-339.	12.9	7
43	What do variable magnetic fabrics in gabbros of the Oman ophiolite reveal about lower oceanic crustal magmatism at fast spreading ridges?. <i>Geology</i> , 2019, 47, 275-278.	4.4	7
44	Palaeomagnetism and tectonics of the Mediterranean region: an introduction. <i>Geological Society Special Publication</i> , 1996, 105, 1-18.	1.3	6
45	Hole U1473A remediation operations, Expedition 362T. <i>Proceedings of the International Ocean Discovery Program</i> , 0, , .	0.0	6
46	Did the Kyrenia Range of northern Cyprus rotate with the Troodos-Hatay microplate during the tectonic evolution of the eastern Mediterranean?. <i>International Journal of Earth Sciences</i> , 2016, 105, 399-415.	1.8	4
47	Data report: spatial and temporal evolution of slow spread oceanic crust—graphic sections of core recovered from IODP Hole U1309D, Atlantis Massif, 30°N, MAR (including Pb/U zircon geochronology) <i>Journal of Geophysical Research: Solid Earth</i> , 2016, 121, 10784-10814.	1.0	4
48	Hole U1415I. <i>Proceedings of the Integrated Ocean Drilling Program Integrated Ocean Drilling Program</i> , 0, , .	1.0	4
49	Hole U1415AJ. <i>Proceedings of the Integrated Ocean Drilling Program Integrated Ocean Drilling Program</i> , 0, , .	1.0	4
50	A palaeomagnetic and rock magnetic glossary. <i>Tectonophysics</i> , 2003, 377, 211-228.	2.2	3
51	Magnetic anisotropy reveals Acadian transpressional fabrics in an Appalachian ophiolite (Thetford) <i>Journal of Geophysical Research: Solid Earth</i> , 2014, 119, 10784-10814.	2.4	3
52	Comment on 'block rotations and continental extension in the central aegean sea: palaeomagnetic and structural evidence from tinos and mykonos (cyclades, greece)' by D. Avigad et al. <i>Earth and Planetary Science Letters</i> , 1999, 171, 511-512.	4.4	2
53	The puzzle of axis-normal magnetic lineations in folded low-grade sediments (Bude Formation, SW) <i>Journal of Geophysical Research: Solid Earth</i> , 2014, 119, 10784-10814.	1.3	2
54	Magmatic accretion and thermal convection at the sheeted dike complex-gabbro boundary in superfast spreading crust, ODP Hole 1256D. <i>Tectonophysics</i> , 2015, 660, 107-116.	2.2	2

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55	Magnetic Mineral Populations in Lower Oceanic Crustal Gabbros (Atlantis Bank, SW Indian Ridge): Implications for Marine Magnetic Anomalies. <i>Geochemistry, Geophysics, Geosystems</i> , 2020, 21, e2019GC008847.	2.5	2
56	Hole U1415P. Proceedings of the Integrated Ocean Drilling Program Integrated Ocean Drilling Program, 0, , .	1.0	2
57	Glossary of basic palaeomagnetic and rock magnetic terms. Geological Society Special Publication, 1996, 105, 401-415.	1.3	0
58	Comment on: "Tectonics of the Akamas and Mamonia ophiolites, Western Cyprus: magnetic petrofabrics and paleomagnetism" by G.J. Borradaile and K. Lucas. <i>Journal of Structural Geology</i> , 2005, 27, 171-174.	2.3	0