Yohan Guyodo

List of Publications by Year
in descending order

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25	2,577	394421 19	580821 25
papers	citations	h-index	g-index

25	25	25	2313
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Global changes in intensity of the Earth's magnetic field during the past 800â€‰kyr. Nature, 1999, 399, 249-252.	27.8	557
2	Environmental magnetism: Principles and applications. Reviews of Geophysics, 2012, 50, .	23.0	491
3	Geomagnetic dipole strength and reversal rate over the past two million years. Nature, 2005, 435, 802-805.	27.8	402
4	Relative variations in geomagnetic intensity from sedimentary records: the past 200,000 years. Earth and Planetary Science Letters, 1996, 143, 23-36.	4.4	247
5	From Nanodots to Nanorods: Oriented aggregation and magnetic evolution of nanocrystalline goethite. Geophysical Research Letters, 2003, 30, n/a-n/a.	4.0	108
6	Magnetic properties of synthetic six-line ferrihydrite nanoparticles. Physics of the Earth and Planetary Interiors, 2006, 154, 222-233.	1.9	98
7	Asymmetrical saw-tooth pattern of the geomagnetic field intensity from equatorial sediments in the Pacific and Indian Oceans. Earth and Planetary Science Letters, 1994, 126, 109-127.	4.4	96
8	Wavelet analysis of relative geomagnetic paleointensity at ODP Site 983. Earth and Planetary Science Letters, 2000, 184, 109-123.	4.4	78
9	Paleointensity record from Pleistocene sediments (1.4-0 Ma) off the California Margin. Journal of Geophysical Research, 1999, 104, 22953-22964.	3.3	59
10	A 13â€ˆ200 year history of century to millennial-scale paleoenvironmental change magnetically recorded in the Palmer Deep, western Antarctic Peninsula. Earth and Planetary Science Letters, 2002, 194, 311-326.	4.4	59
11	Rock magnetic, chemical and bacterial community analysis of a modern soil from Nebraska. Earth and Planetary Science Letters, 2006, 251, 168-178.	4.4	57
12	Deconvolution of u-channel paleomagnetic data near geomagnetic reversals and short events. Geophysical Research Letters, 2002, 29, 26-1-26-4.	4.0	41
13	A sedimentary paleomagnetic record of the Matuyama chron from the Western Antarctic margin (ODP) Tj ETQq1 1 0.784314 rgBT /O	4.4	37
14	Xâ€•ray magnetic circular dichroÃ¯sm provides strong evidence for tetrahedral iron in ferrihydrite. Geochemistry, Geophysics, Geosystems, 2012, 13, .	2.5	36
15	A New Tool for Separating the Magnetic Mineralogy of Complex Mineral Assemblages from Low Temperature Magnetic Behavior. Frontiers in Earth Science, 2017, 5, .	1.8	29
16	High-resolution paleomagnetic records from Holocene sediments from the Palmer Deep, Western Antartic Peninsula. Earth and Planetary Science Letters, 2000, 181, 429-441.	4.4	28
17	Effects of variable sedimentation rates and age errors on the resolution of sedimentary paleointensity records. Geochemistry, Geophysics, Geosystems, 2002, 3, 1-18.	2.5	27
18	Saw-toothed variations of relative paleointensity and cumulative viscous remanence: Testing the records and the model. Journal of Geophysical Research, 1998, 103, 7095-7105.	3.3	26

#	Article	IF	Citations
19	Millennialâ€scale iceberg surges after intensification of Northern Hemisphere glaciation. Geochemistry, Geophysics, Geosystems, 2010, 11, .	2.5	21
20	A detailed paleomagnetic record between 2.1 and 2.75 Ma at IODP Site U1314 in the North Atlantic: Geomagnetic excursions and the Gaussâ€Matuyama transition. Geochemistry, Geophysics, Geosystems, 2012, 13, .	2.5	16
21	Magnetic intensity loss and core diagenesis in long-core samples from the East Cortez Basin and the San Nicolas Basin (California Borderland). Earth, Planets and Space, 1999, 51, 329-336.	2.5	14
22	The nature of a cryptochron from a paleomagnetic study of chron C4r.2r recorded in sediments off the Antarctic Peninsula. Physics of the Earth and Planetary Interiors, 2006, 156, 213-222.	1.9	13
23	Paleomagnetic directions of the Gauss-Matuyama polarity transition recorded in drift sediments (IODP Site U1314) in the North Atlantic. Earth, Planets and Space, 2008, 60, e13-e16.	2.5	13
24	Integration of volcanic and sedimentary records of paleointensity: Constraints imposed by irregular eruption rates. Geophysical Research Letters, 1999, 26, 3669-3672.	4.0	12
25	A comparison of relative paleointensity records of the Matuyama Chron for the period 0.75â€“1.25Ma. Physics of the Earth and Planetary Interiors, 2006, 156, 205-212.	1.9	12