Julie A Bowles

List of Publications by Year
in descending order

34 papers	1,498 citations	471509 17 h-index	377865 34 g-index
34 all docs	34 docs citations	34 times ranked	1583 citing authors

#	Article	IF	Citations
1	Astronomical pacing of late Palaeocene to early Eocene global warming events. Nature, 2005, 435, 1083-1087.	27.8	492
2	Astronomical calibration of the Paleocene time. Palaeogeography, Palaeoclimatology, Palaeoecology, 2008, 257, 377-403.	2.3	259
3	On the duration of magnetochrons C24r and C25n and the timing of early Eocene global warming events: Implications from the Ocean Drilling Program Leg 208 Walvis Ridge depth transect. Paleoceanography, 2007, 22, .	3.0	183
4	Cooling rate effects on paleointensity estimates in submarine basaltic glass and implications for dating young flows. Geochemistry, Geophysics, Geosystems, 2005, 6, n/a-n/a.	2.5	56
5	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
6	Inferred time- and temperature-dependent cation ordering in natural titanomagnetites. Nature Communications, 2013, 4, 1916.	12.8	50
7	Effects of variable magma supply on midâ€ocean ridge eruptions: Constraints from mapped lava flow fields along the GalÃ¡pagos Spreading Center. Geochemistry, Geophysics, Geosystems, 2012, 13, .	2.5	42
8	Paleointensity applications to timing and extent of eruptive activity, 9Â°-10Â°N East Pacific Rise. Geochemistry, Geophysics, Geosystems, 2006, 7, n/a-n/a.	2.5	40
9	Geology of the Alarcon Rise, Southern Gulf of California. Geochemistry, Geophysics, Geosystems, 2018, 19, 807-837.	2.5	29
10	Archaeomagnetic intensity results from California and Ecuador: evaluation of regional data. Earth and Planetary Science Letters, 2002, 203, 967-981.	4.4	28
11	Source of tiny wiggles in Chron C5: A comparison of sedimentary relative intensity and marine magnetic anomalies. Geochemistry, Geophysics, Geosystems, 2003, 4, n/a-n/a.	2.5	27
12	Early non-marine life: Evaluating the biogenicity of Mesoproterozoic fluvial-lacustrine stromatolites. Precambrian Research, 2016, 275, 105-118.	2.7	26
13	Deconvolution of u channel magnetometer data: Experimental study of accuracy, resolution, and stability of different inversion methods. Geochemistry, Geophysics, Geosystems, 2010, 11, .	2.5	21
14	Paleointensity estimates from ignimbrites: An evaluation of the Bishop Tuff. Geochemistry, Geophysics, Geosystems, 2010, 11, .	2.5	20
15	Curie temperatures of titanomagnetite in ignimbrites: Effects of emplacement temperatures, cooling rates, exsolution, and cation ordering. Geochemistry, Geophysics, Geosystems, 2014, 15, 4343-4368.	2.5	20
16	Magnetic and petrologic characterization of synthetic Martian basalts and implications for the surface magnetization of Mars. Journal of Geophysical Research, 2009, 114, .	3.3	17
17	Timing of magnetite formation in basaltic glass: Insights from synthetic analogs and relevance for geomagnetic paleointensity analyses. Geochemistry, Geophysics, Geosystems, 2011, 12, n/a-n/a.	2.5	17
18	Full vector lowâ€temperature magnetic measurements of geologic materials. Geochemistry, Geophysics, Geosystems, 2015, 16, 301-314.	2.5	14

#	Article	IF	Citations
19	Malleable Curie Temperatures of Natural Titanomagnetites: Occurrences, Modes, and Mechanisms. Journal of Geophysical Research: Solid Earth, 2018, 123, 921-940.	3.4	13
20	Eruptive timing and 200 year episodicity at 92Â°W on the hot spotâ€influenced Galapagos Spreading Center derived from geomagnetic paleointensity. Geochemistry, Geophysics, Geosystems, 2014, 15, 2211-2224.	2.5	12
21	Geomagnetic paleointensity in historical pyroclastic density currents: Testing the effects of emplacement temperature and postemplacement alteration. Geochemistry, Geophysics, Geosystems, 2015, 16, 3607-3625.	2.5	12
22	Multicomponent cubic oxide exsolution in synthetic basalts: Temperature dependence and implications for magnetic properties. Journal of Geophysical Research, 2012, 117, .	3.3	11
23	Coring-related deformation of Leg 208 sediments from Walvis Ridge: Implications for paleomagnetic data. Physics of the Earth and Planetary Interiors, 2007, 161, 161-169.	1.9	9
24	Effects of titanomagnetite reordering processes on thermal demagnetization and paleointensity experiments. Geochemistry, Geophysics, Geosystems, 2016, 17, 4848-4858.	2.5	8
25	Paleointensity Estimates From Ignimbrites: The Bishop Tuff Revisited. Geochemistry, Geophysics, Geosystems, 2018, 19, 3811-3831.	2.5	8
26	Curie Temperature Enhancement and Cation Ordering in Titanomagnetites: Evidence From Magnetic Properties, XMCD, and MÃ¶ssbauer Spectroscopy. Geochemistry, Geophysics, Geosystems, 2019, 20, 2272-2289.	2.5	7
27	Behavior of oceanic crustal magnetization at high temperatures: Viscous magnetization and the marine magnetic anomaly source layer. Geophysical Research Letters, 1999, 26, 2279-2282.	4.0	5
28	Assessing New and Old Methods in Paleomagnetic Paleothermometry: A Test Case at Mt. St. Helens, USA. Geochemistry, Geophysics, Geosystems, 2018, 19, 1714-1730.	2.5	5
29	Paleomagnetism and rock magnetism as tools for volcanology. Bulletin of Volcanology, 2022, 84, 1.	3.0	5
30	Effects of open and closed system oxidation on texture and magnetic response of remelted basaltic glass. Geochemistry, Geophysics, Geosystems, 2010, 11, .	2.5	3
31	Contribution of multidomain titanomagnetite to the intensity and stability of Mars crustal magnetic anomalies. Geophysical Research Letters, 2014, 41, 7997-8005.	4.0	2
32	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
33	Influence of redox conditions on the intensity of Mars crustal magnetic anomalies. Meteoritics and Planetary Science, 2015, 50, 1703-1717.	1.6	1
34	Absolute Paleointensity Study of Miocene Tiva Canyon Tuff, Yucca Mountain, Nevada: Role of Fineâ€Particle Grainâ€Size Variations. Geochemistry, Geophysics, Geosystems, 2019, 20, 5818-5830.	2.5	1