Emilio Herrero-Bervera

List of Publications by Year
in descending order

60 papers	1,708 citations	257450 24 h-index	276875 41 g-index
62 all docs	62 docs citations	62 times ranked	1020 citing authors

#	Article	IF	Citations
1	Evolutional model and syn-kinematic emplacement of a continental-scale strike-slip shear zone: an example of southwestern Nigeria. Arabian Journal of Geosciences, 2022, 15, .	1.3	0
2	An Integrated Paleomagnetic, Multimethodâ€Paleointensity, and Radiometric Study on Cretaceous and Paleogene Lavas From the Lesser Caucasus: Geomagnetic and Tectonic Implications. Journal of Geophysical Research: Solid Earth, 2021, 126, e2020JB020019.	3.4	4
3	On the Possibility of Obtaining Geomagnetic Volcanic Records of the Short-Term Behavior of the Laschamp and Pringle Falls Excursions from the Long Sequence of Kahuku and Ninole Hills, Big Island of Hawaii, USA. Open Journal of Geology, 2021, 11, 712-733.	0.5	2
4	Study of Declination, Inclination and Absolute Paleointensity of the Short-Term Geomagnetic Behavior (i.e. Cryptochron C2r.2r-1, ca. 2.46 ± 0.13 Ma) Recorded at the Type Section of Halawa Valley, Kooâ€™lau Volcano, Oahu, Hawaii, USA. Journal of Geoscience and Environment Protection, 2021, 09, 211-224.	0.5	0
5	First archaeointensity results from Ecuador with rock magnetic analyses and 14C dates to constrain the geomagnetic field evolution in South America: Enhancing the knowledge of geomagnetic field intensity. Journal of South American Earth Sciences, 2020, 103, 102733.	1.4	4
6	Integrated high-resolution PSV, RPI and 14C study of IODP-347 Site M0060 (Anholt Loch, Baltic Sea) for the last c. 14 ka. Geological Society Special Publication, 2020, 497, 179-192.	1.3	1
7	Geomagnetic field variations in the past: an introduction. Geological Society Special Publication, 2020, 497, 1-8.	1.3	1
8	Capillary Pressure Curve Determination Based on a 2â€Ð Crossâ€Section Analysis Via Fractal Geometry: A Bridge Between 2â€Ð and 3â€Ð Pore Structure of Porous Media. Journal of Geophysical Research: Solid Earth, 2019, 124, 2352-2367.	3.4	16
9	High-resolution record reveals climate-driven environmental and sedimentary changes in an active rift. Scientific Reports, 2019, 9, 3116.	3.3	22
10	Inflation and collapse of the Waiâ€™anae volcano (Oahu, Hawaii, USA): implications from rock magnetic properties and magnetic fabric data of dikes. Earth, Planets and Space, 2018, 70, .	2.5	1
11	A new model of pore structure typing based on fractal geometry. Marine and Petroleum Geology, 2018, 98, 291-305.	3.3	31
12	Geomagnetic field secular variation in Pacific Ocean: A Bayesian reference curve based on Holocene Hawaiian lava flows. Earth and Planetary Science Letters, 2017, 478, 58-65.	4.4	18
13	A whole rock absolute paleointensity determination of dacites from the Duffer Formation (ca. 3.467) Tj ETQq1 1 0.784314 rgBT /Over 2016, 258, 51-62.	1.9	6
14	Spot Reading of the Absolute Paleointensity of the Geomagnetic Field Obtained from Potsherds (Age) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.5	2
15	Rapid regional perturbations to the recent global geomagnetic decay revealed by a new Hawaiian record. Nature Communications, 2013, 4, 2727.	12.8	69
16	On the directional geomagnetic signature of the Pringle Falls excursion recorded at Pringle Falls, Oregon, USA. Geological Society Special Publication, 2013, 373, 261-278.	1.3	4
17	On the palaeomagnetic and rock magnetic constraints regarding the age of IODP 325 Hole M0058A. Geological Society Special Publication, 2013, 373, 279-291.	1.3	2
18	Dynamical similarity of geomagnetic field reversals. Nature, 2012, 490, 89-93.	27.8	94

#	Article	IF	Citations
19	A Few Characteristic Features of the Geomagnetic Field During Reversals. , 2011, , 139-151.		3
20	Rock Magnetic Characterization Through an Intact Sequence of Oceanic Crust, IODP Hole 1256D. , 2011, , 153-168.		3
21	Absolute Paleointensities from an Intact Section of Oceanic Crust Cored at ODP/IODP Site 1256 in the Equatorial Pacific. , 2011, , 181-193.		3
22	Paleointensities of the Hawaii 1955 and 1960 Lava Flows: Further Validation of the Multi-specimen Method. , 2011, , 195-211.		3
23	Tectonics of southwestern Mexico, isotopic evidence, nuclear Central America, Late Cretaceous break up. Studia Geophysica Et Geodaetica, 2010, 54, 403-415.	0.5	3
24	A selective procedure for absolute paleointensity in lava flows. Geophysical Research Letters, 2010, 37, .	4.0	22
25	Testing determinations of absolute paleointensity from the 1955 and 1960 Hawaiian flows. Earth and Planetary Science Letters, 2009, 287, 420-433.	4.4	47
26	Sampling strategies and the anisotropy of magnetic susceptibility of dykes. Tectonophysics, 2009, 466, 3-17.	2.2	46
27	Secular variation of the geomagnetic dipole during the past 2000 years. Geochemistry, Geophysics, Geosystems, 2008, 9, .	2.5	56
28	Holocene paleosecular variation from dated lava flows on Maui (Hawaii). Physics of the Earth and Planetary Interiors, 2007, 161, 267-280.	1.9	9
29	Cryptochron C2r.2r-1 recorded 2.51ÂMa in the Koolau Volcano at Halawa, Oahu, Hawaii, USA: Paleomagnetic and 40Ar/39Ar evidence. Earth and Planetary Science Letters, 2007, 254, 256-271.	4.4	16
30	Determining palaeointensity from the Gilbert Gauss Reversal recorded in the Puâ€™u Heleakala lava section, Waiâ€™anae Volcano, Oahu, Hawaii. Earth and Planetary Science Letters, 2006, 245, 29-38.	4.4	7
31	Absolute paleointensity and reversal records from the Waianae sequence (Oahu, Hawaii, USA). Earth and Planetary Science Letters, 2005, 234, 279-296.	4.4	35
32	Alteration induced changes of magnetic fabric as exemplified by dykes of the Koolau volcanic range. Earth and Planetary Science Letters, 2005, 240, 445-453.	4.4	26
33	An absolute palaeointensity record from SOH1 lava core, Hawaii using the microwave technique. Physics of the Earth and Planetary Interiors, 2005, 148, 193-214.	1.9	32
34	Paleomagnetic and paleosecular variation study of the Mt. Cameroon volcanics (0.0â€“0.25 Ma), Cameroon, West Africa. Physics of the Earth and Planetary Interiors, 2004, 147, 171-182.	1.9	13
35	Reply to the comment made by Aubourg et al.. Journal of Volcanology and Geothermal Research, 2003, 122, 145-148.	2.1	0
36	Some characteristics of geomagnetic reversals inferred from detailed volcanic records. Comptes Rendus - Geoscience, 2003, 335, 79-90.	1.2	25

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37	Persistent anomalous inclinations recorded in the Koolau volcanic series on the island of Oahu (Hawaii, USA) between 1.8 and 2.6 Ma. Earth and Planetary Science Letters, 2003, 212, 443-456.	4.4	11
38	Magnetostratigraphy of deep-sea sediments from piston cores adjacent to the Hawaiian Islands: Implication for ages of turbidites derived from submarine landslides. Geophysical Monograph Series, 2002, , 51-63.	0.1	5
39	The Nuuanu and Wailau giant landslides: insights from paleomagnetic and anisotropy of magnetic susceptibility (AMS) studies. Physics of the Earth and Planetary Interiors, 2002, 129, 83-98.	1.9	21
40	Paleomagnetic secular variation of the Honolulu Volcanic Series (33â€“700 ka), Oâ€™ahu (Hawaii). Physics of the Earth and Planetary Interiors, 2002, 133, 83-97.	1.9	17
41	Magnetic fabrics study and inferred flow directions of lavas of the Old Pali Road, Oâ€²ahu, Hawaii. Journal of Volcanology and Geothermal Research, 2002, 118, 161-171.	2.1	22
42	Magnetic fabrics of soft-sediment folded strata within a neogene accretionary complex, the Miura group, central Japan. Earth and Planetary Science Letters, 2001, 187, 333-343.	4.4	32
43	Magnetic fabric and inferred flow direction of dikes, conesheets and sill swarms, Isle of Skye, Scotland. Journal of Volcanology and Geothermal Research, 2001, 106, 195-210.	2.1	68
44	Paleointensity experiments using alternating field demagnetization. Earth and Planetary Science Letters, 2000, 177, 43-58.	4.4	40
45	Origin of vesicle layering and double imbrication by endogenous growth in the Birkett basalt flow (Columbia river plateau). Journal of Volcanology and Geothermal Research, 1999, 88, 15-28.	2.1	31
46	Paleosecular variation during sequential geomagnetic reversals from Hawaii. Earth and Planetary Science Letters, 1999, 171, 139-148.	4.4	40
47	Detailed paleomagnetic study of two volcanic polarity transitions recorded in eastern Iceland. Physics of the Earth and Planetary Interiors, 1999, 115, 119-135.	1.9	11
48	Transitional field behavior during the Gilbert-Gauss and Lower Mammoth reversals recorded in lavas from the Wai'anae volcano, O'ahu, Hawaii. Journal of Geophysical Research, 1999, 104, 29157-29173.	3.3	22
49	Absolute paleointensity from Hawaiian lavas younger than 35 ka. Earth and Planetary Science Letters, 1998, 161, 19-32.	4.4	54
50	Transition fields during geomagnetic reversals and their geodynamic significance. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 1997, 355, 1713-1742.	3.4	12
51	The internal structure of lava flowsâ€”insights from AMS measurements II: Hawaiian pahoehoe, toothpaste lava and 'a'Ä• Journal of Volcanology and Geothermal Research, 1997, 76, 19-46.	2.1	63
52	Relative geomagnetic paleointensity across the Jaramillo Subchron and the Matuyama/Brunhes Boundary. Geophysical Research Letters, 1996, 23, 467-470.	4.0	27
53	Relative geomagnetic field intensity and reversals for the last 1.8 My from a central equatorial Pacific Core. Geophysical Research Letters, 1996, 23, 3393-3396.	4.0	29
54	The internal structure of lava flowsâ€”insights from AMS measurements I: Near-vent a'a. Journal of Volcanology and Geothermal Research, 1996, 70, 21-36.	2.1	64

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55	Magnetic fabric and flow direction in basaltic Pahoehoe lava of Xitle volcano, Mexico. Journal of Volcanology and Geothermal Research, 1995, 65, 249-263.	2.1	68
56	Age and correlation of a paleomagnetic episode in the western United States by40Ar/39Ar dating and tephrochronology: The Jamaica, Blake, or a new polarity episode?. Journal of Geophysical Research, 1994, 99, 24091-24103.	3.3	81
57	Flow Directions and Paleomagnetic Study of Rocks from the Azufre Volcano, Argentina.. Journal of Geomagnetism and Geoelectricity, 1994, 46, 143-159.	0.9	16
58	Geomagnetic reversal paths. Nature, 1991, 351, 447-447.	27.8	283
59	Normal amplitude brunhes paleosecular variation at lowâ€latitudes: A paleomagnetic record from the Transâ€Mexican Volcanic Belt. Geophysical Research Letters, 1986, 13, 1442-1445.	4.0	23
60	Non-axisymmetric behaviour of Olduvai and Jaramillo polarity transitions recorded in north-central Pacific deep-sea sediments. Nature, 1986, 322, 159-162.	27.8	39