

Luis Alva-Valdivia

List of Publications by Year in descending order

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docs citations

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#	ARTICLE	IF	CITATIONS
1	Late miocene silicic subvolcanic plumbing system related to oblique rifting in the Pacific-North American plate boundary, Sonora, Mexico: geodynamic implication in a regional context. <i>International Geology Review</i> , 2022, 64, 743-769.	1.1	6
2	Isla San Pedro Nolasco as a Late Miocene intrusive record at the eastern margin of the Gulf of California: Insights from geological, geochemical and geochronological studies. <i>Geoscience Frontiers</i> , 2022, 13, 101351.	4.3	4
3	Tectonics, cooling rates and temperatures during emplacement of the Rajmahal traps, India. <i>Journal of Volcanology and Geothermal Research</i> , 2022, 424, 107496.	0.8	4
4	Comprehensive palaeomagnetic study of San Borja and Jaraguay monogenetic volcanic fields, Baja California (28°30'N): considerations on latitudinal corrections. <i>Geophysical Journal International</i> , 2021, 225, 1897-1919.	1.0	1
5	Archaeomagnetic dating and magnetic characterization of ceramics from the Paquimá, Casas Grandes region, Chihuahua, Mexico. <i>Journal of Archaeological Science: Reports</i> , 2021, 37, 103040.	0.2	1
6	Rock magnetic characterization and paleomagnetic directional analysis of Isla San Pedro Nolasco dikes, Gulf of California, Mexico. <i>Bulletin of Volcanology</i> , 2021, 83, 1.	1.1	2
7	First Full Vector Archeomagnetic Data From Northern Mexico. <i>Geochemistry, Geophysics, Geosystems</i> , 2021, 22, e2021GC009969.	1.0	0
8	Review of magmatic iron-ore mineralization in central-western Mexico: Rock-magnetism and magnetic anomaly modelling of Las Truchas, case study. <i>Journal of South American Earth Sciences</i> , 2020, 97, 102409.	0.6	4
9	Paleomagnetism and Geochronology of the Early Cretaceous Dipilto Batholith (NW Nicaragua): Chortás Block Large Rotation With Respect to SW North America. <i>Tectonics</i> , 2020, 39, e2019TC005540.	1.3	9
10	First archaeointensity results from Ecuador with rock magnetic analyses and ¹⁴ C dates to constrain the geomagnetic field evolution in South America: Enhancing the knowledge of geomagnetic field intensity. <i>Journal of South American Earth Sciences</i> , 2020, 103, 102733.	0.6	4
11	Reassessment of paleointensity estimated of a single lava flow from Xitle volcano, Mexico, by means of multispecimen domain-state corrected. <i>Journal of South American Earth Sciences</i> , 2020, 100, 102549.	0.6	3
12	Analysis of geomagnetic secular variation for the last 1.5 Ma recorded by volcanic rocks of the Trans Mexican Volcanic Belt: new data from Sierra de Chichinautzin, Mexico. <i>Geophysical Journal International</i> , 2019, 219, 594-606.	1.0	9
13	Secular Variation of the Intensity of the Geomagnetic Field in Mexico During the First Millennium BCE. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 6066-6077.	1.0	9
14	Paleomagnetism and tectonics from the late Pliocene to late Pleistocene in the Xalapa monogenetic volcanic field, Veracruz, Mexico. <i>Bulletin of the Geological Society of America</i> , 2019, 131, 1581-1590.	1.6	11
15	Paleomagnetism and age constraints of historical lava flows from the El Jorullo volcano, Michoacán, Mexico. <i>Journal of South American Earth Sciences</i> , 2019, 93, 439-448.	0.6	8
16	Critical analysis of the Holocene palaeointensity database in Central America: Impact on geomagnetic modelling. <i>Physics of the Earth and Planetary Interiors</i> , 2019, 289, 1-10.	0.7	10
17	Paleomagnetism and rock magnetic properties of Late Pleistocene volcanism from El Pinacate Volcanic Field, northwest Mexico. <i>Journal of South American Earth Sciences</i> , 2019, 96, 102368.	0.6	5
18	Emplacement temperature resolution and age determination of Cerro Colorado tuff ring by paleomagnetic analysis, El Pinacate Volcanic Field, Sonora, Mexico. <i>Journal of Volcanology and Geothermal Research</i> , 2019, 369, 145-154.	0.8	9

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19	Curie temperature of weakly shocked target basalts at the Lonar impact crater, India. <i>Earth, Planets and Space</i> , 2019, 71, .	0.9	9
20	Paleomagnetic and AMS studies of the El Castillo ignimbrite, central-east Mexico: Source and rock magnetic nature. <i>Journal of Volcanology and Geothermal Research</i> , 2017, 336, 140-154.	0.8	18
21	Alternating augite-plagioclase wedges in basement dolerites of Lockne impact structure, Sweden: A new shock wave-induced deformation feature. <i>Meteoritics and Planetary Science</i> , 2017, 52, 458-470.	0.7	8
22	Emplacement dynamics and hydrothermal alteration of the Atengo ignimbrite, southern Sierra Madre Occidental, northwestern Mexico. <i>Journal of South American Earth Sciences</i> , 2017, 80, 559-568.	0.6	8
23	Mineralogical and magnetic characterization of Olmec ilmenite multi-perforated artifacts and inferences on source provenance. <i>European Journal of Mineralogy</i> , 2017, 29, 851-860.	0.4	8
24	Inferences of feeding habits of Late Pleistocene <i>Equus</i> sp. from eight Mexican localities. <i>Neues Jahrbuch Fur Geologie Und Palaontologie - Abhandlungen</i> , 2016, 279, .	0.2	4
25	Strontium isotopes and mobility of a Columbian mammoth (<i>Mammuthus columbi</i>) population, Laguna de las Cruces, San Luis Potosí, México. <i>Geological Magazine</i> , 2016, 153, 743-749.	0.9	10
26	Vertical AMS variation within basalt flow profiles from the Xitle volcano (Mexico) as indicator of heterogeneous strain in lava flows. <i>Journal of Volcanology and Geothermal Research</i> , 2016, 311, 9-28.	0.8	14
27	Paleomagnetic Pole Positions and Geomagnetic Secular Variation from the Cretaceous Ponta Grossa Dike Swarm (Brazil). <i>Geofisica Internacional</i> , 2015, 54, 167-178.	0.2	4
28	Palaeomagnetism of the upper volcanic supergroup, southern part of the Sierra Madre Occidental, Mexico. <i>Geophysical Journal International</i> , 2013, 193, 1250-1264.	1.0	5
29	Microscopy and rock magnetism of fine grain-size titanomagnetite from the Jacupiranga Alkaline Complex, Brazil: unearthing Ti-magnesioferrite nanoparticles. <i>Geofisica Internacional</i> , 2013, 52, 93-110.	0.2	0
30	Variación ambiental durante el Pleistoceno tardío y Holoceno temprano en Guilá Naquitz (Oaxaca). <i>Tijetnik Opatovacki Prehrambeno-Šumarski Fakultet, Zagreb, Hrvatska; Geografski Institut, Zagreb, Hrvatska</i> , 2012, 107, 1-10.	0.2	2
31	Diet and habitat definitions for Mexican glyptodonts from Cedral (San Luis Potosí, México) based on stable isotope analysis. <i>Geological Magazine</i> , 2012, 149, 153-157.	0.9	16
32	Paleomagnetism of early cretaceous arapey formation (Northern Uruguay). <i>Studia Geophysica Et Geodaetica</i> , 2010, 54, 533-546.	0.3	10
33	Magnetic characteristics of fracture zones and constraints on the subsurface structure of the Colima Volcanic Complex, western Mexico. <i>Journal of Volcanology and Geothermal Research</i> , 2010, 6, 35-46.		9
34	Absolute geomagnetic intensity data from preclassic Guatemalan pottery. <i>Physics of the Earth and Planetary Interiors</i> , 2010, 180, 41-51.	0.7	17
35	Magnetic properties and archeointensity determination on Pre-Columbian pottery from Chiapas, Mesoamerica. <i>Earth, Planets and Space</i> , 2009, 61, 83-91.	0.9	42
36	Natural magnetite nanoparticles from an iron-ore deposit: size dependence on magnetic properties. <i>Earth, Planets and Space</i> , 2009, 61, 151-160.	0.9	22

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37	Rock magnetism and microscopy of the Jacupiranga alkaline-carbonatitic complex, southern Brazil. <i>Earth, Planets and Space</i> , 2009, 61, 161-171.	0.9	4
38	Anisotropy of magnetic susceptibility analysis of the Cantera Ignimbrite, San Luis Potosi, MÃ©xico: flow source recognition. <i>Earth, Planets and Space</i> , 2009, 61, 173-182.	0.9	7
39	New absolute paleointensity results from the Parana Magmatic Province (Uruguay) and the Early Cretaceous geomagnetic paleofield. <i>Geochemistry, Geophysics, Geosystems</i> , 2008, 9, .	1.0	12
40	The Olivos Olistostrome: Remnant of a Late Permian Oceanic Basin along the Southwestern Margin of Laurentia, Chihuahua, Mexico. <i>International Geology Review</i> , 2007, 49, 1127-1144.	1.1	2
41	Early cretaceous absolute geomagnetic paleointensities from CÃ³rdoba Province (Argentina). <i>Earth, Planets and Space</i> , 2006, 58, 1333-1339.	0.9	16
42	Cooling rate corrected paleointensities from the Xitle lava flow: Evaluation of within-site scatter for single spot-reading cooling units. <i>Earth, Planets and Space</i> , 2006, 58, 1341-1347.	0.9	22
43	Paleomagnetism of the Pleistocene Tequila Volcanic Field (Western Mexico). <i>Earth, Planets and Space</i> , 2006, 58, 1349-1358.	0.9	15
44	Berthierine and chamosite hydrothermal: genetic guides in the PeÃ±a Colorada magnetite-bearing ore deposit, Mexico. <i>Earth, Planets and Space</i> , 2006, 58, 1389-1400.	0.9	30
45	Further details on the applicability of Thellier paleointensity method: The effect of magnitude of laboratory field. <i>Comptes Rendus - Geoscience</i> , 2006, 338, 507-513.	0.4	5
46	Paleomagnetic and magnetic fabric studies of the San Gaspar ignimbrite, western Mexicoâ€™ constraints on emplacement mode and source vents. <i>Journal of Volcanology and Geothermal Research</i> , 2005, 147, 68-80.	0.8	18
47	Comprehensive paleomagnetic study of a succession of Holocene olivine-basalt flow: Xitle Volcano (Mexico) revisited. <i>Earth, Planets and Space</i> , 2005, 57, 839-853.	0.9	21
48	Paleomagnetism of Ar-Ar dated lava flows from the Ceboruco-San Pedro volcanic field (western) Tj ETQqO O O rgBT /Overlock 10 Tf 50 30 event in the Brunhes chron. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	24
49	Palaeomagnetic, rock-magnetic and microscopy studies of historic lava flows from the Paricutin volcano, Mexico: implications for the deflection of palaeomagnetic directions. <i>Geophysical Journal International</i> , 2004, 156, 431-442.	1.0	30
50	Long-term variation of geomagnetic field strength: A cautionary note. <i>Eos</i> , 2004, 85, 209.	0.1	8
51	Magnetic Polarity Stratigraphy and K-Ar Dating in the Camargo Volcanic Field, Northern Mexico: Lateral SW-NE Migration of Volcanic Activity. <i>International Geology Review</i> , 2004, 46, 558-573.	1.1	1
52	Integrated magnetic studies of the El Romeral iron-ore deposit, Chile: implications for ore genesis and modeling of magnetic anomalies. <i>Journal of Applied Geophysics</i> , 2003, 53, 137-151.	0.9	8
53	Paleomagnetism and Rock Magnetism of the Jurassic La Negra Formation, Northern Chile: Implications for Tectonics and Volcanic Stratigraphy. <i>International Geology Review</i> , 2003, 45, 563-573.	1.1	4
54	Paleomagnetic poles and paleosecular variation of basalts from ParanÃ¡ Magmatic Province, Brazil: geomagnetic and geodynamic implications. <i>Physics of the Earth and Planetary Interiors</i> , 2003, 138, 183-196.	0.7	16

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55	A pilot rock magnetic and ore microscopy study of xenolith-bearing young basaltic rocks from the Camargo cinder cone field, Chihuahua, Northern Mexico. <i>Journal of South American Earth Sciences</i> , 2003, 15, 823-833.	0.6	1
56	Absolute paleointensity of the Earth's magnetic field during Jurassic: case study of La Negra Formation (northern Chile). <i>Comptes Rendus - Geoscience</i> , 2003, 335, 661-670.	0.4	4
57	Rock-Magnetic and Oxide Microscopic Studies of the El Laco Iron Ore Deposits, Chilean Andes, and Implications for Magnetic Anomaly Modeling. <i>International Geology Review</i> , 2003, 45, 533-547.	1.1	26
58	Combined Paleomagnetic and Petromagnetic Study of the Upper Cretaceous Volcanic Sequence in Western Mexico: Implications for Tectonics and Magnetostratigraphy of the Jalisco Block. <i>International Geology Review</i> , 2003, 45, 886-897.	1.1	4
59	Petromagnetic properties in the Naica mining district, Chihuahua, Mexico: Searching for source of mineralization. <i>Earth, Planets and Space</i> , 2003, 55, 19-31.	0.9	17
60	Counterclockwise Rotation of the Michoacan Block: Implications for the Tectonics of Western Mexico. <i>International Geology Review</i> , 2003, 45, 814-826.	1.1	30
61	Magnetic Mineralogy, Paleomagnetism, and Magnetostratigraphy of Nayarit Volcanic Formations, Western Mexico: A Pilot Study. <i>International Geology Review</i> , 2002, 44, 264-276.	1.1	5
62	Mesozoic dipole low: Myth or reality?. <i>Eos</i> , 2002, 83, 457-461.	0.1	10
63	On the reliability of Mesozoic Dipole Low: New absolute paleointensity results from Paraná Flood Basalts (Brazil). <i>Geophysical Research Letters</i> , 2002, 29, 33-1.	1.5	34
64	Magnetostratigraphy of the Middle Miocene continental sedimentary sequences of the Mae Moh Basin in northern Thailand: evidence for counterclockwise block rotation. <i>Earth and Planetary Science Letters</i> , 2002, 204, 373-383.	1.8	37
65	An integrated paleomagnetic study of Rio Grande de Santiago volcanic succession (trans-Mexican)	0.7	14
66	Further constraints for Permo-Carboniferous magnetostratigraphy: case study of the sedimentary sequence from San Salvador Patlanoaya (Mexico). <i>Comptes Rendus - Geoscience</i> , 2002, 334, 811-817.	0.4	12
67	Palaeomagnetism of the Guaniguanico Cordillera, western Cuba: a pilot study. <i>Cretaceous Research</i> , 2001, 22, 705-718.	0.6	7
68	Paleomagnetic and paleointensity study of Oligocene volcanic rocks from Chihuahua (northern)	0.7	18
69	Further constraints for the Plio-Pleistocene geomagnetic field strength: New results from the Los Tuxtlas volcanic field (Mexico). <i>Earth, Planets and Space</i> , 2001, 53, 873-881.	0.9	25
70	Rock-magnetism and ore microscopy of the magnetite-apatite ore deposit from Cerro de Mercado, Mexico. <i>Earth, Planets and Space</i> , 2001, 53, 181-192.	0.9	14
71	Absolute palaeointensity results from the Trans-Mexican Volcanic Belt: implications for the late Miocene geomagnetic field strength. <i>Geophysical Journal International</i> , 2000, 143, 977-984.	1.0	11
72	Magnetic mineralogy and properties of the Peña Colorada iron ore deposit, Guerrero Terrane: implications for magnetometric modeling. <i>Journal of South American Earth Sciences</i> , 2000, 13, 415-428.	0.6	11

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73	Paleomagnetic data from the Trans-Mexican Volcanic Belt: implications for tectonics and volcanic stratigraphy. <i>Earth, Planets and Space</i> , 2000, 52, 467-478.	0.9	27
74	Rock magnetic properties and ore microscopy of the iron ore deposit of Las Truchas, Michoacan, Mexico. <i>Journal of Applied Geophysics</i> , 1998, 38, 277-299.	0.9	11
75	Rock magnetism and magnetic surveys in the iron ore deposit of El Encino, Mexico. <i>Journal of South American Earth Sciences</i> , 1995, 8, 209-220.	0.6	9
76	Aeromagnetic anomalies and paleomagnetism in Jalisco and Michoacan, southern Mexico continental margin. <i>Tectonophysics</i> , 1991, 192, 169-190.	0.9	18