JosÃ© Luis MacÃ-as

List of Publications by Year
in descending order

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150	4,472	81900	133252
papers	citations	39 h-index	59 g-index

159	159	159	2281
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A review of recent studies on landslide hazard in Latin America. Physical Geography, 2023, 44, 243-286.	1.4	7
2	Magma plumbing system below the Popocatepetl and Iztaccihuatl volcanoes, central MÃ©xico, as revealed by aeromagnetic data. Bulletin of Volcanology, 2022, 84, 1.	3.0	1
3	Surface hydrothermal activity controlled by the active structural system in the self-sealing geothermal field of Acoculco (Mexico). Geothermics, 2022, 101, 102372.	3.4	6
4	Statistical assessment of the hazards associated with pyroclastic density currents at the TacanÃ¡ Volcanic Complex, MÃ©xico-Guatemala border. Journal of Volcanology and Geothermal Research, 2022, 429, 107553.	2.1	0
5	Influence of volcanic ash deposits on the radial growth of trees in Central Mexico: the case of ParÃcutin volcano. European Journal of Forest Research, 2022, 141, 605-615.	2.5	1
6	Multitemporal landslide inventory analysis of an intertropical mountain in west-central Mexico â€" Basis for hazard management. Journal of Mountain Science, 2022, 19, 1650-1669.	2.0	3
7	Tree rings as indicators of climatic variation in the Trans-Mexican Volcanic Belt, central Mexico. Ecological Indicators, 2021, 120, 106920.	6.3	12
8	Tectonic and magmatic controls on the evolution of post-collapse volcanism. Insights from the Acoculco Caldera Complex, Puebla, MÃ©xico. Lithos, 2021, 380-381, 105878.	1.4	5
9	Petrophysical and mechanical rock property database of the Los Humeros and Acoculco geothermal fields (Mexico). Earth System Science Data, 2021, 13, 571-598.	9.9	20
10	Integrated hazards maps of the TacanÃ¡ Volcanic complex, Mexico-Guatemala: Ashfall, block-and-ash flows, and lahars. Journal of South American Earth Sciences, 2021, 107, 103146.	1.4	5
11	A numerical model for the magmatic heat reservoir of the Las Tres Virgenes volcanic complex, Baja California Sur, Mexico. Journal of Volcanology and Geothermal Research, 2021, 414, 107227.	2.1	6
12	New chronological constraints on intense Holocene eruptions and landslide activity at TacanÃ¡ volcanic complex (Mexico). Quaternary Geochronology, 2021, 65, 101183.	1.4	3
13	Geomorphic characterization of faults as earthquake sources in the Cuitzeo Lake basin, central MÃ©xico. Journal of South American Earth Sciences, 2021, 109, 103196.	1.4	1
14	Implications of reworking processes on tephra distribution during volcanic eruptions: The case of ParÃcutin (1943â€“1952, western Mexico). Earth Surface Processes and Landforms, 2021, 46, 3143-3157.	2.5	7
15	Provenance and compositional variations of intra-caldera lake sediments at La Primavera, Jalisco, Western Mexico. Journal of South American Earth Sciences, 2021, 110, 103335.	1.4	2
16	A two-dimensional temperature field simulation of the La Primavera geothermal area, MÃ©xico. Geothermics, 2021, 96, 102201.	3.4	2
17	Geophysical modeling of La Primavera caldera and its relation to volcanology activity based on 3D susceptibility inversion and potential data analysis. Journal of Volcanology and Geothermal Research, 2020, 393, 106556.	2.1	7
18	Evidence of volcanic activity in the growth rings of trees at the TacanÃ¡ volcano, Mexicoâ€“Guatemala border. Canadian Journal of Forest Research, 2020, 50, 65-72.	1.7	13

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19	Eruptive chronology of the Acoculco caldera complex â€“ A resurgent caldera in the eastern Trans-Mexican Volcanic Belt (MÃ©xico). Journal of South American Earth Sciences, 2020, 98, 102412.	1.4	20
20	Pleistocene rock avalanche, damming, and secondary debris flow along the Cotahuasi river, Peru. Journal of South American Earth Sciences, 2020, 104, 102901.	1.4	1
21	Source and behavior of pyroclastic density currents generated by Vulcanian-style explosions of PopocatÃ©petl volcano (Mexico) on 22 January 2001. Journal of Volcanology and Geothermal Research, 2020, 406, 107071.	2.1	7
22	New insights into the stratigraphy and 230Th/U geochronology of the post-caldera explosive volcanism of La Primavera caldera, Mexico. Journal of South American Earth Sciences, 2020, 103, 102747.	1.4	6
23	Internal Structure and Hydrothermal Fluid Circulation of ParÃcutin Volcano, Mexico: Insights Gained From Nearâ€Surface Geophysics. Geophysical Research Letters, 2020, 47, e2020GL089270.	4.0	8
24	Detailed geomorphology of debris avalanches of El Estribo volcanic complex (Central Mexico). Journal of Maps, 2020, 16, 552-564.	2.0	2
25	Eruptive chronology of monogenetic volcanoes northwestern of Morelia â€“ Insights into volcano-tectonic interactions in the central-eastern MichoacÃ¡n-Guanajuato Volcanic Field, MÃ©xico. Journal of South American Earth Sciences, 2020, 100, 102554.	1.4	11
26	The control of preexisting faults on the distribution, morphology, and volume of monogenetic volcanism in the MichoacÃ¡n-Guanajuato Volcanic Field. Bulletin of the Geological Society of America, 2020, 132, 2455-2474.	3.3	29
27	Landslide impact on the archaeological site of Mitla, Oaxaca. Geoarchaeology - an International Journal, 2020, 35, 644-658.	1.5	3
28	The Santa Fe Intrusion and Other Magmatic Bodies Under the ChichÃ³n Volcano Area (Mexico): Inferences from Aeromagnetic and New Petrologic-Geochronologic Data. Surveys in Geophysics, 2020, 41, 859-895.	4.6	8
29	Fauna de tiburones y rayas de la FormaciÃ³n TirabuzÃ³n (Plioceno) en el CaÃ±Ã³n El Ã‰lamo, sierras de La Reforma â€“ El Aguajito, Baja California Sur, MÃ©xico. Revista Mexicana De Ciencias Geologicas, 2020, 37, 40-63.	0.4	1
30	Geology of La Reforma caldera complex, Baja California, Mexico. Journal of Maps, 2019, 15, 487-498.	2.0	10
31	Genesis of magmas from the Tres VÃrgenes Volcanic Complex, Baja California Sur, Mexico. Lithos, 2019, 350-351, 105240.	1.4	1
32	Probabilistic forecasting of plausible debris flows from Nevado de Colima (Mexico) using data from the Atenquique debris flow, 1955. Natural Hazards and Earth System Sciences, 2019, 19, 791-820.	3.6	13
33	Geology and stratigraphy of the Mexico Basin (Mexico City), central Trans-Mexican Volcanic Belt. Journal of Maps, 2019, 15, 320-332.	2.0	33
34	Geology of the late Pleistocene Tres VÃrgenes Volcanic Complex, Baja California Sur (MÃ©xico). Journal of Maps, 2019, 15, 227-237.	2.0	5
35	Tephra fallout hazard assessment at TacanÃ¡ volcano (Mexico). Journal of South American Earth Sciences, 2019, 91, 253-259.	1.4	9
36	Pyroclastic Density Currents at VolcÃ¡n de Colima. Active Volcanoes of the World, 2019, , 111-139.	1.4	7

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37	Late Pleistocene-Holocene Debris Avalanche Deposits from VolcÃ¡n de Colima, Mexico. Active Volcanoes of the World, 2019, , 55-79.	1.4	10
38	Numerical simulation of block-and-ash flows for different eruptive scenarios of the TacanÃ¡ Volcanic Complex, MÃ©xico-Guatemala. Journal of Volcanology and Geothermal Research, 2019, 373, 36-50.	2.1	4
39	Geology of the late Pliocene â€“ Pleistocene Acoculco caldera complex, eastern Trans-Mexican Volcanic Belt (MÃ©xico). Journal of Maps, 2019, 15, 8-18.	2.0	33
40	Geophysical imaging of fluid circulation and its relation with the structural system of Cerritos Colorados geothermal field, La Primavera caldera (Mexico). Journal of Volcanology and Geothermal Research, 2019, 369, 238-249.	2.1	9
41	Volcanic and marine stratigraphy along the El Ã‰amo Canyon, Santa RosalÃa Basin, Baja California Sur. , 2019, , .		1
42	Building stones used in the architectural heritage of Morelia (MÃ©xico): quarries location, rock durability and stone compatibility in the monument. Environmental Earth Sciences, 2018, 77, 1.	2.7	21
43	Storage conditions of the ~29â€¯ka rhyolitic Guangoche White Pumice Sequence, Los Azufres Volcanic Field, Central Mexico. Journal of Volcanology and Geothermal Research, 2018, 358, 132-148.	2.1	6
44	NW-SE Pliocene-Quaternary extension in the Apan-Acoculco region, eastern Trans-Mexican Volcanic Belt. Journal of Volcanology and Geothermal Research, 2018, 349, 240-255.	2.1	32
45	LATE FORMATIVE FLOODING OF IZAPA AFTER AN ERUPTION OF TACANÃ•VOLCANO. Ancient Mesoamerica, 2018, 29, 361-371.	0.3	16
46	Eruptive chronology and tectonic context of the late Pleistocene Tres VÃ¡rgenes volcanic complex, Baja California Sur (MÃ©xico). Journal of Volcanology and Geothermal Research, 2018, 360, 100-125.	2.1	22
47	The Acoculco Caldera Complex magmas: Genesis, evolution and relation with the Acoculco geothermal system. Journal of Volcanology and Geothermal Research, 2018, 358, 288-306.	2.1	31
48	The eruptive history of the PÃ¡tzcuaro Lake area in the MichoacÃ¡n Guanajuato Volcanic Field, central MÃ©xico: Field mapping, C-14 and 40Ar/39Ar geochronology. Journal of Volcanology and Geothermal Research, 2018, 358, 307-328.	2.1	20
49	Tracking large volcanic eruptions and their regional variability. Geology, 2017, 45, 191-192.	4.4	6
50	The ~ 23,500 y 14 C BP White Pumice Plinian eruption and associated debris avalanche and Tochimilco lava flow of PopocatÃ©petl volcano, MÃ©xico. Journal of Volcanology and Geothermal Research, 2017, 333-334, 66-95.	2.1	40
51	Genesis and evolution of the Cerro Prieto Volcanic Complex, Baja California, Mexico. Bulletin of Volcanology, 2017, 79, 1.	3.0	12
52	Storage conditions and magma processes triggering the 1818 CE Plinian eruption of VolcÃ¡n de Colima. Journal of Volcanology and Geothermal Research, 2017, 340, 117-129.	2.1	23
53	Mixed magmaticâ€“phreatomagmatic explosions during the formation of the Joya Honda maar, San Luis PotosÃ¸ Mexico. Geological Society Special Publication, 2017, 446, 255-279.	1.3	15
54	CaracterizaciÃ³n granulomÃ©trica de los depÃ³sitos de abanicos aluviales en la Cuenca de Motozintla, Chiapas, MÃ©xico: un peligro geolÃ³gico latente por eventos de inundaciÃ³n. Boletin De La Sociedad Geologica Mexicana, 2017, 69, 529-554.	0.3	1

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55	Full vector magnetic dating of some pyroclastic rocks associated to the Colima volcano, western Mexico. Boletin De La Sociedad Geologica Mexicana, 2017, 69, 577-590.	0.3	1
56	Geomechanical characterization of the Miocene Cuitzeo ignimbrites, MichoacÃ¡n, Central Mexico. Engineering Geology, 2016, 214, 79-93.	6.3	11
57	Preliminary report on the July 10â€“11, 2015 eruption at VolcÃ¡n de Colima: Pyroclastic density currents with exceptional runouts and volume. Journal of Volcanology and Geothermal Research, 2016, 310, 39-49.	2.1	47
58	El Ventorrillo, a paleostructure of PopocatÃ©petl volcano: insights from geochronology and geochemistry. Bulletin of Volcanology, 2015, 77, 1.	3.0	25
59	The 27 May 1937 catastrophic flow failure of gold tailings at Tlalpujahua, MichoacÃ¡n, Mexico. Natural Hazards and Earth System Sciences, 2015, 15, 1069-1085.	3.6	7
60	The Sierra de Mil Cumbres, MichoacÃ¡n, MÃ©xico: Transitional volcanism between the Sierra Madre Occidental and the Trans-Mexican Volcanic Belt. Journal of Volcanology and Geothermal Research, 2015, 301, 128-147.	2.1	32
61	Deposit temperature of pyroclastic density currents emplaced during the El ChichÃ³n 1982 and Colima 1913 eruptions. Geological Society Special Publication, 2015, 396, 35-49.	1.3	9
62	El Estribo Volcanic Complex: Evolution from a shield volcano to a cinder cone, PÃ¡tzcuaro Lake, MichoacÃ¡n, MÃ©xico. Journal of Volcanology and Geothermal Research, 2015, 303, 130-145.	2.1	13
63	Geomorphology, internal structure and evolution of alluvial fans at Motozintla, Chiapas, Mexico. Geomorphology, 2015, 230, 1-12.	2.6	18
64	Geodynamic Setting and Pre-volcanic Geology of Active Volcanism in Chiapas. Active Volcanoes of the World, 2015, , 1-23.	1.4	4
65	Successive collapses of the El Estribo volcanic complex in the PÃ¡tzcuaro Lake, MichoacÃ¡n, Mexico. Journal of Volcanology and Geothermal Research, 2014, 289, 41-50.	2.1	20
66	Geological Setting, Volcanic Stratigraphy, and Flank Failure of the El Estribo Volcano, PÃ¡tzcuaro (MichoacÃ¡n, Mexico). Springer Geology, 2014, , 1251-1256.	0.3	3
67	Stratigraphy, chemistry, and eruptive dynamics of the 12.4Âka plinian eruption of Apoyeque volcano, Managua, Nicaragua. Bulletin of Volcanology, 2014, 76, 1.	3.0	6
68	Volcaniclastic sequences at the foot of TacanÃ¡ Volcano, southern MÃ©xico: implications for hazard assessment. Bulletin of Volcanology, 2014, 76, 1.	3.0	10
69	Geology and Stratigraphy of the Cerro Prieto Volcanic Complex, Baja California Norte, MÃ©xico. Springer Geology, 2014, , 1257-1261.	0.3	0
70	40Ar/39Ar dating, geochemistry, and isotopic analyses of the quaternary Chichinautzin volcanic field, south of Mexico City: implications for timing, eruption rate, and distribution of volcanism. Bulletin of Volcanology, 2013, 75, 1.	3.0	54
71	Magmatic controls on eruption dynamics of the 1950yrB.P. eruption of San Antonio Volcano, TacanÃ¡ Volcanic Complex, Mexicoâ€“Guatemala. Journal of Volcanology and Geothermal Research, 2013, 262, 134-152.	2.1	12
72	The ~31ka rhyolitic Plinian to sub-Plinian eruption of Tlaloc Volcano, Sierra Nevada, central Mexico. Journal of Volcanology and Geothermal Research, 2013, 252, 73-91.	2.1	16

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73	Pre-eruptive conditions of dacitic magma erupted during the 21.7ka Plinian event at Nevado de Toluca volcano, Central Mexico. Journal of Volcanology and Geothermal Research, 2013, 249, 49-65.	2.1	17
74	Integrated risk assessment to natural hazards: case study â€“ Motozintla, Chiapas, Mexico. WIT Transactions on the Built Environment, 2013, , .	0.0	0
75	Late Pleistocene rhyolitic explosive volcanism at Los Azufres Volcanic Field, central Mexico. , 2012, , 45-82.		6
76	Geology and geochronology of Tlaloc, TelapÃ³n, IztaccÃhuatl, and PopocatÃ©petl volcanoes, Sierra Nevada, central Mexico. , 2012, , 163-193.		14
77	The Amerindian mtDNA haplogroup B2 enhances the risk of HPV for cervical cancer: de-regulation of mitochondrial genes may be involved. Journal of Human Genetics, 2012, 57, 269-276.	2.3	43
78	A caldera-forming eruption ~14,10014Cyr BP at PopocatÃ©petl volcano, MÃ©xico: Insights from eruption dynamics and magma mixing. Journal of Volcanology and Geothermal Research, 2012, 213-214, 27-40.	2.1	55
79	Stratigraphy, geomorphology, geochemistry and hazard implications of the Nejapa Volcanic Field, western Managua, Nicaragua. Journal of Volcanology and Geothermal Research, 2012, 213-214, 51-71.	2.1	24
80	Reconstruction of the Sibinal Pumice, an andesitic Plinian eruption at TacanÃ¡ Volcanic Complex, Mexicoâ€“Guatemala. Journal of Volcanology and Geothermal Research, 2012, 217-218, 39-55.	2.1	18
81	Effect of fulvic acids on the electrolytes physiology in vertebrates. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 652, 838-840.	1.6	3
82	The 17 July 1999 block-and-ash flow (BAF) at Colima Volcano: New insights on volcanic granular flows from textural analysis. Journal of Volcanology and Geothermal Research, 2011, 204, 40-56.	2.1	49
83	Hazardous materials transportation in Mexico City: Chlorine and gasoline cases. Transportation Research Part C: Emerging Technologies, 2011, 19, 779-789.	7.6	21
84	Geologic mapping of the Colima volcanic complex (Mexico) and implications for hazard assessment. , 2010, , .		13
85	Late-Pleistocene flank collapse triggered by dome growth at TacanÃ¡ volcano, MÃ©xico-Guatemala, and its relationship to the regional stress regime. Bulletin of Volcanology, 2010, 72, 33-53.	3.0	36
86	Sector collapse of the SW flank of VolcÃ¡n de Colima, MÃ©xico. Journal of Volcanology and Geothermal Research, 2010, 197, 52-66.	2.1	50
87	Eyewitness, stratigraphy, chemistry, and eruptive dynamics of the 1913 Plinian eruption of VolcÃ¡n de Colima, MÃ©xico. Journal of Volcanology and Geothermal Research, 2010, 191, 149-166.	2.1	102
88	Dynamics of the ca. 4965yr 14C BP â€œOchre Pumiceâ€•Plinian eruption of PopocatÃ©petl volcano, MÃ©xico. Journal of Volcanology and Geothermal Research, 2010, 192, 212-231.	2.1	49
89	In memory of James F. Luhr, volcanologist, petrologist and friend. Journal of Volcanology and Geothermal Research, 2010, 197, v-vi.	2.1	0
90	TITAN2D simulations of pyroclastic flows at Cerro MachÃn Volcano, Colombia: Hazard implications. Journal of South American Earth Sciences, 2010, 29, 161-170.	1.4	23

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91	The â¯1245Âyr BP Asososca maar eruption: The youngest event along the Nejapaâ€“Miraflores volcanic fault, Western Managua, Nicaragua. Journal of Volcanology and Geothermal Research, 2009, 184, 292-312.	2.1	29
92	The ~2500Âyr B.P. Chicoral non-cohesive debris flow from Cerro MachÃn Volcano, Colombia. Journal of Volcanology and Geothermal Research, 2008, 171, 201-214.	2.1	15
93	The rain-triggered Atenquique volcaniclastic debris flow of October 16, 1955 at Nevado de Colima Volcano, Mexico. Journal of Volcanology and Geothermal Research, 2008, 173, 69-83.	2.1	28
94	Hazard map of El ChichÃ³n volcano, Chiapas, MÃ©xico: Constraints posed by eruptive history and computer simulations. Journal of Volcanology and Geothermal Research, 2008, 175, 444-458.	2.1	65
95	Deposition temperature of some PDC deposits from the 1982 eruption of El ChichÃ³n volcano (Chiapas,) Tj ETQq1 1 0.784314 rgBT /Ov 175, 494-500.	2.1	19
96	Volcanic hazard zonation of the Nevado de Toluca volcano, MÃ©xico. Journal of Volcanology and Geothermal Research, 2008, 176, 469-484.	2.1	41
97	The â¯1245Âyr BP Asososca maar: New advances on recent volcanic stratigraphy of Managua (Nicaragua) and hazard implications. Journal of Volcanology and Geothermal Research, 2008, 176, 493-512.	2.1	28
98	Late Pleistocene flank collapse of Zempoala volcano (Central Mexico) and the role of fault reactivation. Journal of Volcanology and Geothermal Research, 2008, 177, 944-958.	2.1	21
99	Geology and eruptive history of some active volcanoes of Mexico. , 2007, , .		18
100	Late Holocene paleopedological records contained in tephra from El ChichÃ³n volcano, Chiapas, Mexico. Catena, 2007, 71, 444-455.	5.0	8
101	Reply to comment by: Lucia Capra, Claus Siebe, JosÃ© Luis MacÃas, and Juan Manuel EspÃndola. Journal of Volcanology and Geothermal Research, 2007, 163, 102-103.	2.1	3
102	Comment on: Schmitt, A.K. et al. (2006): Eruption and magma crystallization ages of Las Tres VÃrgenes (Baja California) constrained by combined 230Th/238U and (Uâ€“Th)/He dating of zircon [J. Volcanol. Geotherm. Res. V. 158: 281â€“295]. Journal of Volcanology and Geothermal Research, 2007, 163, 98-101.	2.1	5
103	Volcanic hazards in the Mexico City metropolitan area from eruptions at Popocatepetl, Nevado de Toluca, and Jocotitlan stratovolcanoes and monogenetic scoria cones in the Sierra Chichinautzin Volcanic Field. , 2006, , .		17
104	The September 8â€“9, 1998 Rain-Triggered Flood Events at Motozintla, Chiapas, Mexico. Natural Hazards, 2006, 39, 103-126.	3.4	18
105	The Lower Toluca Pumice: A ca. 21,700 yr B.P. Plinian eruption of Nevado de Toluca volcano, Mexico. , 2006, , .		6
106	Geological evolution of the Tacana•Volcanic Complex, Mexico-Guatemala. , 2006, , .		16
107	A 2.5 ka History of Dacitic Magmatism at Nevado de Toluca, Mexico: Petrological, 40Ar/39Ar Dating, and Experimental Constraints on Petrogenesis. Journal of Petrology, 2006, 47, 457-479.	2.8	26
108	New Sr-Nd-Pb-O isotope data for Colima volcano and evidence for the nature of the local basement. , 2006, , .		6

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109	Computational modeling of the 1991 block and ash flows at Colima Volcano, Mèxico. , 2006, , .		8
110	Modeling of pyroclastic flows of Colima Volcano, Mexico: implications for hazard assessment. Journal of Volcanology and Geothermal Research, 2005, 139, 103-115.	2.1	108
111	PopocatÃ©petlÂ´s crater filled to the brim: significance for hazard evaluation. Journal of Volcanology and Geothermal Research, 2005, 141, 327-330.	2.1	37
112	The 12.1 ka Middle Toluca Pumice: A dacitic Plinianâ€“subplinian eruption of Nevado de Toluca in Central Mexico. Journal of Volcanology and Geothermal Research, 2005, 147, 125-143.	2.1	53
113	Catastrophic precipitation-triggered lahar at Casita volcano, Nicaragua: occurrence, bulking and transformation. Earth Surface Processes and Landforms, 2005, 30, 59-79.	2.5	137
114	Morphology of ash aggregates from wet pyroclastic surges of the 1982 eruption of El ChichÃ³n Volcano, Mexico. Bulletin of Volcanology, 2005, 68, 171-200.	3.0	32
115	GeologÃa e historia eruptiva de algunos de los grandes volcanes activos de MÃ©xico. Boletin De La Sociedad Geologica Mexicana, 2005, 57, 379-424.	0.3	53
116	Geochemical Evidence for Mantle Origin and Crustal Processes in Volcanic Rocks from PopocatÃ©petl and Surrounding Monogenetic Volcanoes, Central Mexico. Journal of Petrology, 2005, 46, 1243-1282.	2.8	167
117	Advances in studies of dense volcanic granular flows. Reports on Progress in Physics, 2005, 68, 271-301.	20.1	56
118	The 26 May 1982 breakout flows derived from failure of a volcanic dam at El ChichÃ³n, Chiapas, Mexico. Bulletin of the Geological Society of America, 2004, 116, 233.	3.3	54
119	Strike-slip faults and K-alkaline volcanism at El ChichÃ³n volcano, southeastern Mexico. Journal of Volcanology and Geothermal Research, 2004, 136, 247-268.	2.1	74
120	Sr, Nd and Pb isotope and geochemical data from the Quaternary Nevado de Toluca volcano, a source of recent adakitic magmatism, and the Tenango Volcanic Field, Mexico. Journal of Volcanology and Geothermal Research, 2004, 138, 77-110.	2.1	57
121	Pyroclastic flow deposits of the 1991 eruption of Volcï¿½n de Colima, Mexico. Bulletin of Volcanology, 2004, 66, 291-306.	3.0	73
122	Source conditions and degradation processes of light hydrocarbons in volcanic gases: an example from El ChichÃ³n volcano (Chiapas State, Mexico). Chemical Geology, 2004, 206, 81-96.	3.3	68
123	Penrose Conference Report: Neogene-Quaternary Continental Margin Volcanism. GSA Today, 2004, 14, 50.	2.0	0
124	Chemical composition of fumarolic gases and spring discharges from El ChichÃ²n volcano, Mexico: causes and implications of the changes detected over the period 1998â€“2000. Journal of Volcanology and Geothermal Research, 2003, 123, 105-121.	2.1	61
125	A 550-year-old Plinian eruption at El ChichÃ³n Volcano, Chiapas, Mexico: Explosive volcanism linked to reheating of the magma reservoir. Journal of Geophysical Research, 2003, 108, .	3.3	64
126	The 10.5 ka Plinian eruption of Nevado de Toluca volcano, Mexico: Stratigraphy and hazard implications. Bulletin of the Geological Society of America, 2003, 115, 230-248.	3.3	107

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127	Sta. Cruz AtizapÃ¡n: a 22-ka lake level record and climatic implications for the late Holocene human occupation in the Upper Lerma Basin, Central Mexico. Palaeogeography, Palaeoclimatology, Palaeoecology, 2002, 186, 217-235.	2.3	81
128	Debris avalanches and debris flows transformed from collapses in the Trans-Mexican Volcanic Belt, Mexico â€“ behavior, and implications for hazard assessment. Journal of Volcanology and Geothermal Research, 2002, 113, 81-110.	2.1	141
129	Emplacement of pyroclastic flows during the 1998â€“1999 eruption of VolcÃ¡n de Colima, MÃ©xico. Journal of Volcanology and Geothermal Research, 2002, 117, 129-153.	2.1	82
130	Petrology of the 1998â€“2000 products of VolcÃ¡n de Colima, MÃ©xico. Journal of Volcanology and Geothermal Research, 2002, 117, 195-212.	2.1	35
131	The cohesive Naranjo debris-flow deposit (10 km3):. Journal of Volcanology and Geothermal Research, 2002, 117, 213-235.	2.1	107
132	Gauging short-term volcanic hazards at Popocatepetl [Popocat'{e}petl]. Eos, 2001, 82, 185-185.	0.1	30
133	Late Holocene Pelean-style eruption at Tacana volcano, Mexico and Guatemala: Past, present, and future hazards. Bulletin of the Geological Society of America, 2000, 112, 1234-1249.	3.3	48
134	Chemical characteristics of the crater lakes of Popocatetetl, El Chichon, and Nevado de Toluca volcanoes, Mexico. Journal of Volcanology and Geothermal Research, 2000, 97, 105-125.	2.1	50
135	Volcanic history of El ChichÃ³n Volcano (Chiapas, Mexico) during the Holocene, and its impact on human activity. Bulletin of Volcanology, 2000, 62, 90-104.	3.0	99
136	Miocene to Recent structural evolution of the Nevado de Toluca volcano region, Central Mexico. Tectonophysics, 2000, 318, 281-302.	2.2	99
137	Title is missing!. Journal of Paleolimnology, 1999, 22, 399-411.	1.6	78
138	Effect of strain rate in the distribution of monogenetic and polygenetic volcanism in the Transmexican volcanic belt: Comments and Reply. Geology, 1999, 27, 571.	4.4	13
139	Holocene plinian eruption of La Virgen volcano, Baja California, Mexico. Journal of Volcanology and Geothermal Research, 1998, 80, 239-266.	2.1	51
140	Development of lithic-breccias in the 1982 pyroclastic flow deposits of El ChichÃ³n Volcano, Mexico. Journal of Volcanology and Geothermal Research, 1998, 83, 173-196.	2.1	49
141	Geochemistry of the volcano-hydrothermal system of El ChichÃ³n Volcano, Chiapas, Mexico. Bulletin of Volcanology, 1998, 59, 436-449.	3.0	107
142	Reappraisal of the 1982 eruptions of El ChichÃ³n Volcano, Chiapas, Mexico: new data from proximal deposits. Bulletin of Volcanology, 1997, 58, 459-471.	3.0	41
143	Repeated volcanic disasters in Prehispanic time at PopocatÃ©petl, central Mexico: Past key to the future?. Geology, 1996, 24, 399.	4.4	180
144	Estimation of risk probability for gravity-driven pyroclastic flows at Volcan Colima, Mexico. Journal of Volcanology and Geothermal Research, 1995, 66, 251-256.	2.1	43

#	Article	IF	Citations
145	Products of the 1907 eruption of ShtyubelÊ¼ Volcano, Ksudach Caldera, Kamchatka, Russia. Bulletin of the Geological Society of America, 1995, 107, 969-0986.	3.3	11
146	Volatile elements in alkaline and calc-alkaline rocks from the Colima graben, Mexico: Constrains on their genesis and evolution. Geofisica International, 1993, 32, 575-589.	0.2	6
147	Late Pleistoceneâ€“Holocene Volcanic Stratigraphy and Palaeoenvironments of the Upper Lerma Basin, Mexico. , 0, , 247-261.		11
148	LANDSLIDE SUSCEPTIBILITY ANALYSIS BASED ON A SEMIQUANTITATIVE METHOD IN THE SIERRA-COSTA REGION, MICHOACÃN, MEXICO. Physical Geography, 0, , 1-24.	1.4	1
149	Preliminary 3-D geological models of Los Humeros and Acoculco geothermal fields (Mexico) â€“ H2020 GEMex Project. Advances in Geosciences, 0, 45, 321-333.	12.0	35
150	Numerical modeling and hazard implications of landslides at the Ardillas Volcanic Dome (TacanÃ¡) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.4	2