

James F Luhr

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	The 1982 eruptions of El Chichón Volcano, Chiapas, Mexico: Mineralogy and petrology of the anhydrite-bearing pumices. <i>Journal of Volcanology and Geothermal Research</i> , 1984, 23, 69-108.	0.8	431
2	The Colima Volcanic complex, Mexico. <i>Contributions To Mineralogy and Petrology</i> , 1980, 71, 343-372.	1.2	397
3	Experimental Phase Relations of Water- and Sulfur-Saturated Arc Magmas and the 1982 Eruptions of El Chichón Volcano. <i>Journal of Petrology</i> , 1990, 31, 1071-1114.	1.1	288
4	Active rifting in southwestern Mexico: Manifestations of an incipient eastward spreading-ridge jump. <i>Geology</i> , 1985, 13, 54.	2.0	219
5	Low water contents in pyroxenes from spinel-peridotites of the oxidized, sub-arc mantle wedge. <i>Earth and Planetary Science Letters</i> , 2002, 201, 69-86.	1.8	200
6	The 1982 eruptions of El Chichón Volcano (Chiapas, Mexico): Character of the eruptions, ash-fall deposits, and gas phase. <i>Journal of Volcanology and Geothermal Research</i> , 1984, 23, 39-68.	0.8	180
7	Factors controlling sulfur concentrations in volcanic apatite. <i>American Mineralogist</i> , 1997, 82, 1210-1224.	0.9	166
8	Jorullo Volcano, Michoacán, Mexico (1759-1774): The earliest stages of fractionation in calc-alkaline magmas. <i>Contributions To Mineralogy and Petrology</i> , 1985, 90, 142-161.	1.2	158
9	The Colima volcanic complex, Mexico: Part II. Late-quaternary cinder cones. <i>Contributions To Mineralogy and Petrology</i> , 1981, 76, 127-147.	1.2	140
10	Quaternary minettes and associated volcanic rocks of Mascota, western Mexico: a consequence of plate extension above a subduction modified mantle wedge. <i>Contributions To Mineralogy and Petrology</i> , 1996, 124, 302-333.	1.2	133
11	Petrology and geochemistry of the 1991 and 1998-1999 lava flows from Volcán de Colima, México: implications for the end of the current eruptive cycle. <i>Journal of Volcanology and Geothermal Research</i> , 2002, 117, 169-194.	0.8	130
12	Primitive calc-alkaline and alkaline rock types from the Western Mexican Volcanic Belt. <i>Journal of Geophysical Research</i> , 1989, 94, 4515-4530.	3.3	127
13	Glass inclusions and melt volatile contents at Parícutin Volcano, Mexico. <i>Contributions To Mineralogy and Petrology</i> , 2001, 142, 261-283.	1.2	120
14	Barren Island Volcano (NE Indian Ocean): Island-arc high-alumina basalts produced by troctolite contamination. <i>Journal of Volcanology and Geothermal Research</i> , 2006, 149, 177-212.	0.8	113
15	The white trachytic tuff of Roccamonfina Volcano (Roman Region, Italy). <i>Contributions To Mineralogy and Petrology</i> , 1983, 84, 235-252.	1.2	93
16	Petrological monitoring of cyclical eruptive activity at Volcán Colima, Mexico. <i>Journal of Volcanology and Geothermal Research</i> , 1990, 42, 235-260.	0.8	93
17	Slab-derived fluids and partial melting in subduction zones: insights from two contrasting Mexican volcanoes (Colima and Ceboruco). <i>Journal of Volcanology and Geothermal Research</i> , 1992, 54, 1-18.	0.8	91
18	The Brown Leucitic Tuff of Roccamonfina Volcano (Roman Region, Italy). <i>Contributions To Mineralogy and Petrology</i> , 1987, 95, 420-436.	1.2	83

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19	Caldera formation at Volc�n Colima, Mexico, by a large large holocene volcanic debris avalanche. <i>Journal of Volcanology and Geothermal Research</i> , 1988, 35, 335-348.	0.8	78
20	On B/Be ratios in the Mexican Volcanic Belt. <i>Geochimica Et Cosmochimica Acta</i> , 1996, 60, 613-628.	1.6	78
21	Petrology and geochemistry of lava and ash erupted from Volc�n Colima, Mexico, during 1998�2005. <i>Journal of Volcanology and Geothermal Research</i> , 2008, 174, 241-256.	0.8	76
22	The Colima volcanic complex, Mexico:III. <i>Contributions To Mineralogy and Petrology</i> , 1982, 80, 262-275.	1.2	67
23	Osmium abundance and isotope variations in mafic Mexican volcanic rocks: Evidence for crustal contamination and constraints on the geochemical behavior of osmium during partial melting and fractional crystallization. <i>Geochemistry, Geophysics, Geosystems</i> , 2001, 2, n/a-n/a.	1.0	59
24	The geology and petrology of Volc�n San Juan (Nayarit, M�xico) and the compositionally zoned Tepic Pumice. <i>Journal of Volcanology and Geothermal Research</i> , 2000, 95, 109-156.	0.8	56
25	Lamprophyres, Basanites, and Basalts of the Western Mexican Volcanic Belt: Volatile Contents and a Vein�Wallrock Melting Relationship. <i>Journal of Petrology</i> , 2008, 49, 2123-2156.	1.1	55
26	Sulfur isotope systematics of the 1982 El Chich�n trachyandesite: an ion microprobe study. <i>Geochimica Et Cosmochimica Acta</i> , 2002, 66, 3303-3316.	1.6	54
27	Primary igneous anhydrite: Progress since its recognition in the 1982 El Chich�n trachyandesite. <i>Journal of Volcanology and Geothermal Research</i> , 2008, 175, 394-407.	0.8	49
28	Spinel�herzolite�bearing quaternary volcanic centers in San Luis Potos�, Mexico: 1. Geology, mineralogy, and petrology. <i>Journal of Geophysical Research</i> , 1989, 94, 7916-7940.	3.3	47
29	First lacustrine varve chronologies from Mexico: impact of droughts, ENSO and human activity since AD 1840 as recorded in maar sediments from Valle de Santiago. <i>Journal of Paleolimnology</i> , 2009, 42, 587-609.	0.8	45
30	Petrological and volcanological constraints on volcanic sulfur emissions to the atmosphere. <i>Geophysical Monograph Series</i> , 2003, , 11-40.	0.1	37
31	Tephrochronology, petrology and geochemistry of Late-Holocene pyroclastic deposits from Volc�n de Colima, Mexico. <i>Journal of Volcanology and Geothermal Research</i> , 2010, 197, 1-32.	0.8	33
32	Isla Isabel (Nayarit, M�xico): Quaternary alkalic basalts with mantle xenoliths erupted in the mouth of the Gulf of California. <i>Journal of Volcanology and Geothermal Research</i> , 2010, 197, 85-107.	0.8	31
33	Volcanic shade causes cooling. <i>Nature</i> , 1991, 354, 104-105.	13.7	28
34	The La Brei�y ? El Jagi�y Maar Complex, Durango, Mexico: II. Petrology and geochemistry. <i>Bulletin of Volcanology</i> , 1992, 54, 405-428.	1.1	26
35	Mexican Peridotite Xenoliths and Tectonic Terranes: Correlations among Vent Location, Texture, Temperature, Pressure, and Oxygen Fugacity. <i>Journal of Petrology</i> , 1997, 38, 1075-1112.	1.1	22
36	Chemical Characteristics of Obsidian from Archaeological Sites in Western Mexico and the Tequila Source Area: Implications for Regional and Pan-Regional Interaction Within the Northern Mesoamerican Periphery. <i>Ancient Mesoamerica</i> , 1993, 4, 255-270.	0.2	17

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37	Sr, Nd, and Pb isotopic evidence for the origin and evolution of the CntaroColima volcanic chain, Western Mexican Volcanic Belt. Journal of Volcanology and Geothermal Research, 2010, 197, 33-51.	0.8	17
38	Mexico's Quaternary volcanic rocks: Insights from the MEXPET petrological and geochemical database. , 2006, , .		8
39	VOLCANOLOGY. Reviews of Geophysics, 1991, 29, 513-531.	9.0	0