John P Lockwood

List of Publications by Year
in descending order

23 papers	871 citations	687363 13 h-index	713466 21 g-index
24 all docs	24 docs citations	24 times ranked	622 citing authors

#	Article	IF	Citations
1	Geophysical observations of Kilauea Volcano, Hawaii, 2. Constraints on the magma supply during November 1975â€"September 1977. Journal of Volcanology and Geothermal Research, 1980, 7, 241-269.	2.1	105
2	Origin of Comb Layering and Orbicular Structure, Sierra Nevada Batholith, California. Bulletin of the Geological Society of America, 1973, 84, 1.	3.3	102
3	Relative dating of Hawaiian lava flows using multispectral thermal infrared images: A new tool for geologic mapping of young volcanic terranes. Journal of Geophysical Research, 1988, 93, 15239-15251.	3.3	92
4	JSC MARS-1: A Martian Soil Simulant. , 1998, , 469.		77
5	The 1977 eruption of Kilauea volcano, Hawaii. Journal of Volcanology and Geothermal Research, 1980, 7, 189-210.	2.1	67
6	Origin and age of the Lake Nyos maar, Cameroon. Journal of Volcanology and Geothermal Research, 1989, 39, 117-124.	2.1	65
7	The Uwekahuna Ash Member of the Puna Basalt: product of violent phreatomagmatic eruptions at Kilauea volcano, Hawaii, between 2800 and 210014C years ago. Journal of Volcanology and Geothermal Research, 1995, 66, 163-184.	2.1	58
8	Absolute paleointensity from Hawaiian lavas younger than 35 ka. Earth and Planetary Science Letters, 1998, 161, 19-32.	4.4	54
9	Regional deformation of the Sierra Nevada, California, on conjugate microfault sets. Journal of Geophysical Research, 1979, 84, 6041-6049.	3.3	37
10	Significance of serpentine mud volcanism in convergent margins. , 2000, , .		31
11	Submarine volcanic features west of Kealakekua Bay, Hawaii. Journal of Volcanology and Geothermal Research, 1980, 7, 323-337.	2.1	26
12	Mauna Loa eruptive historyâ€"The preliminary radiocarbon record. Geophysical Monograph Series, 1995, , 81-94.	0.1	26
13	Spreading Cracks on Pillow Lava. Journal of Geology, 1978, 86, 661-671.	1.4	26
14	Possible Mechanisms for the Emplacement of Alpine-Type Serpentinite. Memoir of the Geological Society of America, 1972, , 273-288.	0.5	25
15	Submarine extension of the southwest rift zone of Mauna Loa Volcano, Hawaii: Visual Observations from U.S. Navy Deep Submergence Vehicle DSV Sea Cliff. Bulletin of the Geological Society of America, 1979, 90, 435.	3.3	22
16	Reply [to â€œLake Nyos Damâ€]. Eos, 1988, 69, 776-777.	0.1	10
17	40Ar/39Ar laser probe evidence concerning the age and associated hazards of the Lake Nyos Maar, Cameroon. Natural Hazards, 1990, 3, 373-378.	3.4	9
18	Anatahan, Northern Mariana Islands: Reconnaissance geological observations during and after the volcanic crisis of spring 1990, and monitoring prior to the May 2003 eruption. Journal of Volcanology and Geothermal Research, 2005, 146, 26-59.	2.1	9

#	Article	IF	Citations
19	Detrital Serpentinite from the Guajira Peninsula, Colombia. Memoir of the Geological Society of America, 1971, , 55-76.	0.5	8
20	Origin of Comb Layering and Orbicular Structure, Sierra Nevada Batholith, California: Reply. Bulletin of the Geological Society of America, 1973, 84, 4007.	3.3	7
21	Implications of historical eruptive-vent migration on the northeast rift zone of Mauna Loa Volcano, Hawaii. Geology, 1990, 18, 611.	4.4	5
22	Lake Nyos dam threat. Nature, 1991, 351, 195-196.	27.8	5
23	Biological perspectives on Mauna Loa Volcano: A model system for ecological research. Geophysical Monograph Series, 1995, , 117-126.	0.1	5