

Recent Volcanism and the Stratosphere

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Chemical composition of air filtration samples of the stratospheric sulfate layer. Journal of Geophysical Research, 1971, 76, 8083-8088.	3.3	58
2	The influence of aeolian transport of dust particles on marine sedimentation in the South-west Pacific. Journal of the Royal Society of New Zealand, 1971, 1, 285-300.	1.9	26
3	Venus Clouds: A Dirty Hydrochloric Acid Model. Science, 1972, 175, 748-751.	12.6	6
4	Atmospheric Pollution and Global Climatic Change. Ecology, 1972, 53, 908-914.	3.2	1
5	An October influx of submicron particles into the lower stratosphere. Journal of Geophysical Research, 1972, 77, 3916-3923.	3.3	4
6	Physical Sciences: Normal Incidence Radiation Trends on Mauna Loa, Hawaii. Nature, 1972, 240, 545-547.	27.8	17
7	Stratospheric Aerosol Measurements with Implications for Global Climate. Applied Optics, 1973, 12, 330.	2.1	26
8	Isotopic studies of the sulfur component of the stratospheric aerosol layer. Tellus, 1974, 26, 222-234.	0.8	132
9	Nucleation processes and aerosol chemistry. Space Science Reviews, 1974, 15, 547-589.	8.1	62
10	Stratospheric temperature anomalies in 1963 and 1966. Quarterly Journal of the Royal Meteorological Society, 1974, 100, 39-45.	2.7	10
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19	Sources of stratospheric gaseous chlorine. <i>Reviews of Geophysics</i> , 1975, 13, 650-658.	23.0	30
20	Anomalous high concentrations of particulate bromine in the atmosphere of the UK. <i>Chemosphere</i> , 1975, 4, 107-112.	8.2	7
21	Late Cainozoic explosive eruptions in the Aleutian and Kuril Island Arcs. <i>Nature</i> , 1975, 258, 505-507.	27.8	19
22	The possible importance of CSO for the sulfate layer of the stratosphere. <i>Geophysical Research Letters</i> , 1976, 3, 73-76.	4.0	562
23	Volcanic explosions and climatic change: A theoretical assessment. <i>Journal of Geophysical Research</i> , 1976, 81, 1071-1083.	3.3	280
24	Global air pollution and climatic change. <i>Reviews of Geophysics</i> , 1976, 14, 429-474.	23.0	82
25	A Global Average Model of Atmospheric Aerosols for Radiative Transfer Calculations. <i>Journal of Applied Meteorology</i> , 1976, 15, 225-246.	1.1	218
26	Lidar measurement of particles and gases by elastic backscattering and differential absorption. <i>Topics in Applied Physics</i> , 1976, , 71-151.	0.8	129
27	Change of surface air temperature averaged globally during the years 1957â€“1972. <i>Archiv FÅ¼r Meteorologie Geophysik Und Bioklimatologie Serie B</i> , 1977, 25, 105-115.	0.8	8
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30	Airborne particle and gas measurements in the emissions from six volcanoes. <i>Journal of Geophysical Research</i> , 1978, 83, 4009-4017.	3.3	46
31	The enrichment of volatile elements in the atmosphere by volcanic activity: Augustine volcano 1976. <i>Journal of Geophysical Research</i> , 1978, 83, 6213-6220.	3.3	108
32	sulfate in antarctic snow: Spatio-temporal distribution. <i>Atmospheric Environment</i> , 1978, 12, 723-728.	1.0	41
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34	Formation and deposition of volcanic sulfate aerosols on Mars. <i>Journal of Geophysical Research</i> , 1979, 84, 8343-8354.	3.3	125
35	Spectroscopic measurement of carbonyl sulfide (OCS) in the stratosphere. <i>Geophysical Research Letters</i> , 1979, 6, 853-856.	4.0	50
37	Volcanic Contribution of Chlorine to the Stratosphere: More Significant to Ozone Than Previously Estimated?. <i>Science</i> , 1980, 209, 491-493.	12.6	86

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39	The volcanic explosivity index (VEI) an estimate of explosive magnitude for historical volcanism. Journal of Geophysical Research, 1982, 87, 1231-1238.	3.3	1,510
40	Investigations on the climatic effects of great volcanic eruptions by the method of tree-ring analysis. Bulletin of Volcanology, 1983, 46, 89-102.	3.0	4
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42	Atmospheric Turbidity at Tucson, Arizona, 1956-1983: Variations and Their Causes. Journal of Climate and Applied Meteorology, 1985, 24, 725-734.	1.0	20
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44	The Volcanic Explosivity Index (VEI): An estimate of explosive magnitude for historical volcanism. History of Geophysics, 1986, , 143-150.	0.0	2
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47	Observations of the impact of volcanic activity on stratospheric chemistry. Journal of Geophysical Research, 1996, 101, 6767-6780.	3.3	63
48	Major optical depth perturbations to the stratosphere from volcanic eruptions: Stellar extinction period, 1961-1978. Journal of Geophysical Research, 2001, 106, 2993-3003.	3.3	35
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55	The Upward Trend in Airborne Particulates That Isn't. , 1975, , 235-269.		15
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57	Aerosol Chemistry. Astrophysics and Space Science Library, 1973, , 143-157.	2.7	5

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58	Isotopic studies of the sulfur component of the stratospheric aerosol layer. Tellus, 1974, 26, 222-234.	0.8	62
60	SULFATE IN ANTARCTIC SNOW: SPATIO-TEMPORAL DISTRIBUTION. , 1978, , 723-728.		0
61	SECULAR VARIATION IN THE TRANSMISSION COEFFICIENT OF THE ATMOSPHERE OBSERVED AT TOSA-SHIMIZU DURING THE YEARS 1945-1979. Chirigaku Hyoron, 1981, 54, 57-71.	0.0	0
62	<i>Response</i> : Turbidity of the Atmosphere: Source of Its Background Variation with the Season. Science, 1972, 176, 815-815.	12.6	0
63	<i>Response</i> : Turbidity of the Atmosphere: Source of Its Background Variation with the Season. Science, 1972, 176, 815-815.	12.6	0