

Clive M Oppenheimer

List of Publications by Year in descending order

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Version: 2024-02-01

314
papers

15,538
citations

18465

62
h-index

30894

102
g-index

332
all docs

332
docs citations

332
times ranked

9134
citing authors

#	ARTICLE	IF	CITATIONS
1	Spectral Emissivity of Phonolite Lava at High Temperature. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-15.	2.7	5
2	Global tree-ring response and inferred climate variation following the mid-thirteenth century Samalas eruption. <i>Climate Dynamics</i> , 2022, 59, 531-546.	1.7	9
3	Age of the oldest known <i>Homo sapiens</i> from eastern Africa. <i>Nature</i> , 2022, 601, 579-583.	13.7	65
4	In praise of archives (and an open mind). <i>Communications Earth & Environment</i> , 2022, 3, .	2.6	4
5	Modest volcanic SO ₂ emissions from the Indonesian archipelago. <i>Nature Communications</i> , 2022, 13, .	5.8	4
6	Geochronology and glass geochemistry of major Pleistocene eruptions in the Main Ethiopian Rift: Towards a regional tephrostratigraphy. <i>Quaternary Science Reviews</i> , 2022, 290, 107601.	1.4	7
7	Recognising bias in Common Era temperature reconstructions. <i>Dendrochronologia</i> , 2022, 74, 125982.	1.0	8
8	Harnessing Erebus volcano's thermal energy to power year-round monitoring. <i>Antarctic Science</i> , 2021, 33, 73-80.	0.5	4
9	Rapid metal pollutant deposition from the volcanic plume of K�lauea, Hawai�. <i>Communications Earth & Environment</i> , 2021, 2, .	2.6	15
10	Volatile metal emissions from volcanic degassing and lava�seawater interactions at K�lauea Volcano, Hawai�. <i>Communications Earth & Environment</i> , 2021, 2, .	2.6	25
11	Precise date for the Laacher See eruption synchronizes the Younger Dryas. <i>Nature</i> , 2021, 595, 66-69.	13.7	53
12	The influence of decision-making in tree ring-based climate reconstructions. <i>Nature Communications</i> , 2021, 12, 3411.	5.8	59
13	Perspectives on the active volcanoes of China. <i>Geological Society Special Publication</i> , 2021, 510, 1-14.	0.8	2
14	Comment on "Effects in North Africa of the 934�940 CE Eldgj� and 1783�1784 CE Laki eruptions (Iceland) revealed by previously unrecognized written sources" by Brugnattelli, V., and Tibaldi, A. [<i>Bull. Volcanol.</i> (2020) 82:73]. <i>Bulletin of Volcanology</i> , 2021, 83, 1.	1.1	2
15	Heterogeneity of volatile sources along the Halmahera arc, Indonesia. <i>Journal of Volcanology and Geothermal Research</i> , 2021, 418, 107342.	0.8	3
16	Towards a dendrochronologically refined date of the Laacher See eruption around 13,000 years ago. <i>Quaternary Science Reviews</i> , 2020, 229, 106128.	1.4	6
17	Assessment of leachable elements in volcanic ashfall: a review and evaluation of a standardized protocol for ash hazard characterization. <i>Journal of Volcanology and Geothermal Research</i> , 2020, 392, 106756.	0.8	33
18	Distribution of Partial Melt Beneath Changbaishan/Paektu Volcano, China/Democratic People's Republic of Korea. <i>Geochemistry, Geophysics, Geosystems</i> , 2020, 21, e2019GC008461.	1.0	22

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19	Prominent role of volcanism in Common Era climate variability and human history. <i>Dendrochronologia</i> , 2020, 64, 125757.	1.0	66
20	The importance of "year zero" in interdisciplinary studies of climate and history. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 32845-32847.	3.3	6
21	Spatial and Temporal Variations in SO ₂ and PM _{2.5} Levels Around K�lauea Volcano, Hawai'i During 2007�2018. <i>Frontiers in Earth Science</i> , 2020, 8, .	0.8	21
22	In situ XANES study of the influence of varying temperature and oxygen fugacity on iron oxidation state and coordination in a phonolitic melt. <i>Contributions To Mineralogy and Petrology</i> , 2020, 175, 1.	1.2	9
23	Global perspectives on obsidian studies in archaeology. <i>Quaternary International</i> , 2020, 542, 41-53.	0.7	11
24	The sun of Rome is set! Volcanic dust veils and their political fallout. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 17470-17472.	3.3	1
25	Strombolian eruptions and dynamics of magma degassing at Yasur Volcano (Vanuatu). <i>Journal of Volcanology and Geothermal Research</i> , 2020, 398, 106869.	0.8	19
26	Climatic and societal impacts of a "forgotten" cluster of volcanic eruptions in 1108-1110 CE. <i>Scientific Reports</i> , 2020, 10, 6715.	1.6	27
27	A millennium-long "Blue Ring" chronology from the Spanish Pyrenees reveals severe ephemeral summer cooling after volcanic eruptions. <i>Environmental Research Letters</i> , 2020, 15, 124016.	2.2	18
28	Radiocarbon and geologic evidence reveal Ilopango volcano as source of the colossal "mystery" eruption of 539/40 CE. <i>Quaternary Science Reviews</i> , 2019, 222, 105855.	1.4	39
29	Reaction Rates Control High-Temperature Chemistry of Volcanic Gases in Air. <i>Frontiers in Earth Science</i> , 2019, 7, .	0.8	24
30	Risk and reward: Explosive eruptions and obsidian lithic resource at Nabro volcano (Eritrea). <i>Quaternary Science Reviews</i> , 2019, 226, 105995.	1.4	9
31	Mantle plumes are oxidised. <i>Earth and Planetary Science Letters</i> , 2019, 527, 115798.	1.8	85
32	A global synthesis of lava lake dynamics. <i>Journal of Volcanology and Geothermal Research</i> , 2019, 381, 16-31.	0.8	20
33	Quantifying Asthenospheric and Lithospheric Controls on Mafic Magmatism Across North Africa. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 3520-3555.	1.0	26
34	On the relationship between oxidation state and temperature of volcanic gas emissions. <i>Earth and Planetary Science Letters</i> , 2019, 520, 260-267.	1.8	26
35	Volcanoes on borders: a scientific and (geo)political challenge. <i>Bulletin of Volcanology</i> , 2019, 81, 1.	1.1	10
36	The Extraordinary Sulfur Volcanism of Po�s from 1828 to 2018. <i>Active Volcanoes of the World</i> , 2019, , 45-78.	1.0	5

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37	The "puzzle" of the primary obsidian source in the region of Paektusan (China/DPR Korea). <i>Quaternary International</i> , 2019, 519, 192-199.	0.7	4
38	The 2011 eruption of Nabro volcano, Eritrea: perspectives on magmatic processes from melt inclusions. <i>Contributions To Mineralogy and Petrology</i> , 2018, 173, 1.	1.2	21
39	Low-temperature relative reflectivity measurements of reflective and scintillating foils used in rare event searches. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2018, 884, 40-44.	0.7	4
40	The Eldgjá eruption: timing, long-range impacts and influence on the Christianisation of Iceland. <i>Climatic Change</i> , 2018, 147, 369-381.	1.7	45
41	Radar Altimetry as a Robust Tool for Monitoring the Active Lava Lake at Erebus Volcano, Antarctica. <i>Geophysical Research Letters</i> , 2018, 45, 8897-8904.	1.5	5
42	What causes subsidence following the 2011 eruption at Nabro (Eritrea)?. <i>Progress in Earth and Planetary Science</i> , 2018, 5, .	1.1	19
43	Coupling Between Magmatic Degassing and Volcanic Tremor in Basaltic Volcanism. <i>Frontiers in Earth Science</i> , 2018, 6, .	0.8	29
44	Tree rings reveal globally coherent signature of cosmogenic radiocarbon events in 774 and 993 CE. <i>Nature Communications</i> , 2018, 9, 3605.	5.8	98
45	Influence of eruptive style on volcanic gas emission chemistry and temperature. <i>Nature Geoscience</i> , 2018, 11, 678-681.	5.4	30
46	Plumetrack: Flux calculation software for UV cameras. <i>Computers and Geosciences</i> , 2018, 118, 86-90.	2.0	6
47	Unrest at the Nevados de Chillán volcanic complex: a failed or yet to unfold magmatic eruption?. <i>Volcanica</i> , 2018, 1, 19-32.	0.6	12
48	Climate response to the Samalas volcanic eruption in 1257 revealed by proxy records. <i>Nature Geoscience</i> , 2017, 10, 123-128.	5.4	130
49	Glass compositions and tempo of post-17 ka eruptions from the Afar Triangle recorded in sediments from lakes Ashenge and Hayk, Ethiopia. <i>Quaternary Geochronology</i> , 2017, 37, 15-31.	0.6	7
50	Northern Hemisphere temperature anomalies during the 1450s period of ambiguous volcanic forcing. <i>Bulletin of Volcanology</i> , 2017, 79, 1.	1.1	24
51	Magmatic gas percolation through the old lava dome of El Misti volcano. <i>Bulletin of Volcanology</i> , 2017, 79, 46.	1.1	18
52	Reply to 'Limited Late Antique cooling'. <i>Nature Geoscience</i> , 2017, 10, 243-243.	5.4	13
53	Probabilistic Seismic Hazard Assessment for Eritrea. <i>Bulletin of the Seismological Society of America</i> , 2017, 107, 1478-1494.	1.1	17
54	New Tree-Ring Evidence from the Pyrenees Reveals Western Mediterranean Climate Variability since Medieval Times. <i>Journal of Climate</i> , 2017, 30, 5295-5318.	1.2	62

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55	First study of the heat and gas budget for Sirung volcano, Indonesia. <i>Bulletin of Volcanology</i> , 2017, 79, 1.	1.1	15
56	Understanding the environmental impacts of large fissure eruptions: Aerosol and gas emissions from the 2014–2015 Holuhraun eruption (Iceland). <i>Earth and Planetary Science Letters</i> , 2017, 472, 309-322.	1.8	59
57	Reprint of Glass compositions and tempo of post-17 ka eruptions from the Afar Triangle recorded in sediments from lakes Ashenge and Hayk, Ethiopia. <i>Quaternary Geochronology</i> , 2017, 40, 92-108.	0.6	0
58	Interplay of environmental and socio-political factors in the downfall of the Eastern Roman Empire in 630 AD. <i>Climatic Change</i> , 2017, 145, 383-395.	1.7	24
59	A prototype detector for the CRESST-III low-mass dark matter search. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2017, 845, 414-417.	0.7	21
60	Multi-proxy dating of Iceland's major pre-settlement Katla eruption to 822–823 CE. <i>Geology</i> , 2017, 45, 783-786.	2.0	22
61	Multi-proxy dating the "Millennium Eruption" of Changbaishan to late 946 CE. <i>Quaternary Science Reviews</i> , 2017, 158, 164-171.	1.4	137
62	Inverting multispectral thermal time-series images of volcanic eruptions for lava emplacement models. <i>Geological Society Special Publication</i> , 2016, 426, 257-276.	0.8	3
63	Does the lava lake of Erta Ale volcano respond to regional magmatic and tectonic events? An investigation using Earth Observation data. <i>Geological Society Special Publication</i> , 2016, 420, 181-208.	0.8	21
64	Imagining the Unimaginable: Communicating Extreme Volcanic Risk. <i>Advances in Volcanology</i> , 2016, , 149-163.	0.7	4
65	Evidence for partial melt in the crust beneath Mt. Paektu (Changbaishan), Democratic People's Republic of Korea and China. <i>Science Advances</i> , 2016, 2, e1501513.	4.7	35
66	Quantifying gas emissions from the "Millennium Eruption" of Paektu volcano, Democratic People's Republic of Korea/China. <i>Science Advances</i> , 2016, 2, e1600913.	4.7	43
67	The impact of degassing on the oxidation state of basaltic magmas: A case study of Kilauea volcano. <i>Earth and Planetary Science Letters</i> , 2016, 450, 317-325.	1.8	118
68	A multidisciplinary study of the final episode of the Manda Hararo dyke sequence, Ethiopia, and implications for trends in volcanism during the rifting cycle. <i>Geological Society Special Publication</i> , 2016, 420, 149-163.	0.8	25
69	Storage and Evolution of Mafic and Intermediate Alkaline Magmas beneath Ross Island, Antarctica. <i>Journal of Petrology</i> , 2016, 57, 93-118.	1.1	25
70	Resilient science: The civic epistemology of disaster risk reduction. <i>Science and Public Policy</i> , 2016, 43, 363-374.	1.2	23
71	Stratospheric Ozone destruction by the Bronze-Age Minoan eruption (Santorini Volcano, Greece). <i>Scientific Reports</i> , 2015, 5, 12243.	1.6	53
72	A model of the geochemical and physical fluctuations of the lava lake at Erebus volcano, Antarctica. <i>Journal of Volcanology and Geothermal Research</i> , 2015, 308, 142-157.	0.8	4

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73	Cyclic degassing of Erebus volcano, Antarctica. <i>Bulletin of Volcanology</i> , 2015, 77, 1.	1.1	31
74	Transient degassing events at the lava lake of Erebus volcano, Antarctica: Chemistry and mechanisms. <i>GeoResJ</i> , 2015, 7, 43-58.	1.4	9
75	First recorded eruption of Nabro volcano, Eritrea, 2011. <i>Bulletin of Volcanology</i> , 2015, 77, 85.	1.1	54
76	Megacrystals track magma convection between reservoir and surface. <i>Earth and Planetary Science Letters</i> , 2015, 413, 1-12.	1.8	35
77	At the Mercy of the Mountain? Field Stations and the Culture of Volcanology. <i>Environment and Planning A</i> , 2015, 47, 156-171.	2.1	15
78	Volcanic Influences on the Carbon, Sulfur, and Halogen Biogeochemical Cycles. , 2015, , 881-893.		2
79	Use of motion estimation algorithms for improved flux measurements using SO ₂ cameras. <i>Journal of Volcanology and Geothermal Research</i> , 2015, 300, 58-69.	0.8	27
80	Terrestrial laser scanning observations of geomorphic changes and varying lava lake levels at Erebus volcano, Antarctica. <i>Journal of Volcanology and Geothermal Research</i> , 2015, 295, 43-54.	0.8	32
81	Eruption politics. <i>Nature Geoscience</i> , 2015, 8, 244-245.	5.4	23
82	Estimates of volcanic-induced cooling in the Northern Hemisphere over the past 1,500 years. <i>Nature Geoscience</i> , 2015, 8, 784-788.	5.4	220
83	Extracting High Temperature Event radiance from satellite images and correcting for saturation using Independent Component Analysis. <i>Remote Sensing of Environment</i> , 2015, 158, 56-68.	4.6	23
84	Rheology of phonolitic magmas – the case of the Erebus lava lake. <i>Earth and Planetary Science Letters</i> , 2015, 411, 53-61.	1.8	35
85	Modelling risk and risking models: The diffusive boundary between science and policy in volcanic risk management. <i>Geoforum</i> , 2015, 58, 153-165.	1.4	20
86	Reactive halogens (BrO and OCIO) detected in the plume of Soufrière Hills Volcano during an eruption hiatus. <i>Geochemistry, Geophysics, Geosystems</i> , 2014, 15, 3346-3363.	1.0	22
87	Autonomous thermal camera system for monitoring the active lava lake at Erebus volcano, Antarctica. <i>Geoscientific Instrumentation, Methods and Data Systems</i> , 2014, 3, 13-20.	0.6	10
88	Characterisation of the magmatic signature in gas emissions from Turrialba Volcano, Costa Rica. <i>Solid Earth</i> , 2014, 5, 1341-1350.	1.2	13
89	Chloride partitioning and solubility in hydrous phonolites from Erebus volcano: A contribution towards a multi-component degassing model. <i>GeoResJ</i> , 2014, 3-4, 27-45.	1.4	10
90	Volcanic Degassing: Process and Impact. , 2014, , 111-179.		79

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91	Managing the uncertain earth: geophysical hazards in the risk society. <i>Geographical Journal</i> , 2014, 180, 89-95.	1.6	5
92	The surface reactivity and implied toxicity of ash produced from sugarcane burning. <i>Environmental Toxicology</i> , 2014, 29, 503-516.	2.1	10
93	Electrochemical sensors applied to pollution monitoring: Measurement error and gas ratio bias – A volcano plume case study. <i>Journal of Volcanology and Geothermal Research</i> , 2014, 281, 85-96.	0.8	26
94	Calculating radiant flux from thermally mixed pixels using a spectral library. <i>Remote Sensing of Environment</i> , 2014, 142, 83-94.	4.6	6
95	Geochemical variability in distal and proximal glass from the Youngest Toba Tuff eruption. <i>Bulletin of Volcanology</i> , 2014, 76, 1.	1.1	20
96	Geological hazards: From early warning systems to public health toolkits. <i>Health and Place</i> , 2014, 30, 116-119.	1.5	7
97	Decadal persistence of cycles in lava lake motion at Erebus volcano, Antarctica. <i>Earth and Planetary Science Letters</i> , 2014, 395, 1-12.	1.8	29
98	Tracking the changing oxidation state of Erebus magmas, from mantle to surface, driven by magma ascent and degassing. <i>Earth and Planetary Science Letters</i> , 2014, 393, 200-209.	1.8	111
99	Chapter 25 Reflexive volcanology: 15 years of communicating risk and uncertainty in scientific advice on Montserrat. <i>Geological Society Memoir</i> , 2014, 39, 457-470.	0.9	2
100	Physical volcanology of the Gubisa Formation, Kone Volcanic Complex, Ethiopia. <i>Journal of African Earth Sciences</i> , 2014, 96, 212-219.	0.9	10
101	Science, policy and place in volcanic disasters: Insights from Montserrat. <i>Environmental Science and Policy</i> , 2014, 39, 150-161.	2.4	53
102	Seismicity and subsidence following the 2011 Nabro eruption, Eritrea: Insights into the plumbing system of an off-axis rift volcano. <i>Journal of Geophysical Research: Solid Earth</i> , 2014, 119, 8267-8282.	1.4	32
103	Parent relationship quality buffers against the effect of peer stressors on depressive symptoms from middle childhood to adolescence. <i>Developmental Psychology</i> , 2014, 50, 2115-2123.	1.2	113
104	Correlation of cycles in Lava Lake motion and degassing at Erebus Volcano, Antarctica. <i>Geochemistry, Geophysics, Geosystems</i> , 2014, 15, 3244-3257.	1.0	31
105	MODIS and ASTER synergy for characterizing thermal volcanic activity. <i>Remote Sensing of Environment</i> , 2013, 131, 195-205.	4.6	32
106	Experimental Phase-equilibrium Constraints on the Phonolite Magmatic System of Erebus Volcano, Antarctica. <i>Journal of Petrology</i> , 2013, 54, 1285-1307.	1.1	34
107	Depositional processes of reworked tephra from the Late Pleistocene Youngest Toba Tuff deposits in the Lenggong Valley, Malaysia. <i>Quaternary Research</i> , 2013, 79, 228-241.	1.0	20
108	H ₂ O-CO ₂ solubility in mafic alkaline magma: applications to volatile sources and degassing behavior at Erebus volcano, Antarctica. <i>Contributions To Mineralogy and Petrology</i> , 2013, 166, 845-860.	1.2	19

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109	Co-production of an institution: Montserrat Volcano Observatory and social dependence on science. <i>Science and Public Policy</i> , 2013, 40, 171-186.	1.2	20
110	Source of the great A.D. 1257 mystery eruption unveiled, Samalas volcano, Rinjani Volcanic Complex, Indonesia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 16742-16747.	3.3	213
111	Utilization of Distal Tephra Records for Understanding Climatic and Environmental Consequences of the Youngest Toba Tuff. <i>Geophysical Monograph Series</i> , 2013, , 63-74.	0.1	5
112	The 2010 explosive eruption of Java's Merapi volcanoâ€™A â€™100-yearâ€™™ event. <i>Journal of Volcanology and Geothermal Research</i> , 2012, 241-242, 121-135.	0.8	336
113	On the time-scale of thermal cycles associated with open-vent degassing. <i>Bulletin of Volcanology</i> , 2012, 74, 1281-1292.	1.1	21
114	Reply to comment from W.P. Aspinall on â€™œSocial studies of volcanology: knowledge generation and expert advice on active volcanoesâ€™•by Amy Donovan, Clive Oppenheimer and Michael Bravo [<i>Bull Volcanol</i> (2012) 74:677-689]. <i>Bulletin of Volcanology</i> , 2012, 74, 1571-1574.	1.1	7
115	Hydrogen emissions from Erebus volcano, Antarctica. <i>Bulletin of Volcanology</i> , 2012, 74, 2109-2120.	1.1	36
116	Cone morphologies associated with shallow marine eruptions: east Pico Island, Azores. <i>Bulletin of Volcanology</i> , 2012, 74, 2289-2301.	1.1	29
117	Electrochemical sensing of volcanic gases. <i>Chemical Geology</i> , 2012, 332-333, 74-91.	1.4	38
118	The aviation sagas: geographies of volcanic risk. <i>Geographical Journal</i> , 2012, 178, 98-103.	1.6	4
119	Highâ€™resolution size distributions and emission fluxes of trace elements from Masaya volcano, Nicaragua. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	16
120	The uptake of halogen (HF, HCl, HBr and HI) and nitric (HNO ₃) acids into acidic sulphate particles in quiescent volcanic plumes. <i>Chemical Geology</i> , 2012, 296-297, 19-25.	1.4	23
121	The enigma of reactive nitrogen in volcanic emissions. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 95, 93-105.	1.6	22
122	Numerical simulations of convection in crystalâ€™bearing magmas: A case study of the magmatic system at Erebus, Antarctica. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	30
123	Governing the lithosphere: Insights from EyjafjallajÃ¶kull concerning the role of scientists in supporting decisionâ€™making on active volcanoes. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	24
124	Aerosol formation in basaltic lava fountaining: EyjafjallajÃ¶kull volcano, Iceland. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	14
125	Backward tracking of gas chemistry measurements at Erebus volcano. <i>Geochemistry, Geophysics, Geosystems</i> , 2012, 13, .	1.0	29
126	Contested boundaries: Delineating the â€™œsafe zoneâ€™•on Montserrat. <i>Applied Geography</i> , 2012, 35, 508-514.	1.7	15

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127	The use of belief-based probabilistic methods in volcanology: Scientists' views and implications for risk assessments. <i>Journal of Volcanology and Geothermal Research</i> , 2012, 247-248, 168-180.	0.8	20
128	Social studies of volcanology: knowledge generation and expert advice on active volcanoes. <i>Bulletin of Volcanology</i> , 2012, 74, 677-689.	1.1	33
129	Science at the policy interface: volcano-monitoring technologies and volcanic hazard management. <i>Bulletin of Volcanology</i> , 2012, 74, 1005-1022.	1.1	19
130	First estimate of volcanic SO ₂ budget for Vanuatu island arc. <i>Journal of Volcanology and Geothermal Research</i> , 2012, 211-212, 36-46.	0.8	65
131	Dental fluorosis linked to degassing of Ambrym volcano, Vanuatu: a novel exposure pathway. <i>Environmental Geochemistry and Health</i> , 2012, 34, 155-170.	1.8	51
132	Sulfur Degassing From Volcanoes: Source Conditions, Surveillance, Plume Chemistry and Earth System Impacts. <i>Reviews in Mineralogy and Geochemistry</i> , 2011, 73, 363-421.	2.2	168
133	Lava effusion "A slow fuse for paroxysms at Stromboli volcano?. <i>Earth and Planetary Science Letters</i> , 2011, 301, 317-323.	1.8	52
134	Mantle to surface degassing of alkalic magmas at Erebus volcano, Antarctica. <i>Earth and Planetary Science Letters</i> , 2011, 306, 261-271.	1.8	116
135	Youngest Toba Tuff in the Son Valley, India: a weak and discontinuous stratigraphic marker. <i>Quaternary Science Reviews</i> , 2011, 30, 3925-3934.	1.4	23
136	13. Sulfur Degassing From Volcanoes: Source Conditions, Surveillance, Plume Chemistry and Earth System Impacts. , 2011, , 363-422.		6
137	Field determination of biomass burning emission ratios and factors via open-path FTIR spectroscopy and fire radiative power assessment: headfire, backfire and residual smouldering combustion in African savannahs. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 11591-11615.	1.9	64
138	The 2010 Eyjafjallajökull eruption and the reconstruction of geography. <i>Geographical Journal</i> , 2011, 177, 4-11.	1.6	36
139	Rationalising a volcanic crisis through literature: Montserratian verse and the descriptive reconstruction of an island. <i>Journal of Volcanology and Geothermal Research</i> , 2011, 203, 87-101.	0.8	13
140	Gas and aerosol emissions from Villarrica volcano, Chile. <i>Journal of Volcanology and Geothermal Research</i> , 2011, 203, 62-75.	0.8	51
141	Monitoring volcanic thermal anomalies from space: Size matters. <i>Journal of Volcanology and Geothermal Research</i> , 2011, 203, 48-61.	0.8	24
142	Volcano surveillance using infrared cameras. <i>Earth-Science Reviews</i> , 2011, 106, 63-91.	4.0	151
143	A re-assessment of aerosol size distributions from Masaya volcano (Nicaragua). <i>Atmospheric Environment</i> , 2011, 45, 547-560.	1.9	14
144	Near-source observations of aerosol size distributions in the eruptive plumes from Eyjafjallajökull volcano, March-April 2010. <i>Atmospheric Environment</i> , 2011, 45, 3210-3216.	1.9	21

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145	On bromine, nitrogen oxides and ozone depletion in the tropospheric plume of Erebus volcano (Antarctica). <i>Atmospheric Environment</i> , 2011, 45, 3856-3866.	1.9	57
146	Continental scale Antarctic deposition of sulphur and black carbon from anthropogenic and volcanic sources. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 2457-2465.	1.9	48
147	Ultraviolet Sensing of Volcanic Sulfur Emissions. <i>Elements</i> , 2010, 6, 87-92.	0.5	44
148	High temporal resolution SO ₂ flux measurements at Erebus volcano, Antarctica. <i>Journal of Volcanology and Geothermal Research</i> , 2010, 190, 325-336.	0.8	74
149	Caldera-forming eruptions of the Quaternary Kone Volcanic Complex, Ethiopia. <i>Journal of African Earth Sciences</i> , 2010, 58, 51-66.	0.9	28
150	The spatial extent of thermal anomalies at Lascar Volcano. , 2010, , .		1
151	Size-resolved chemical composition of aerosol emitted by Erebus volcano, Antarctica. <i>Geochemistry, Geophysics, Geosystems</i> , 2010, 11, .	1.0	20
152	Atmospheric chemistry of an Antarctic volcanic plume. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	51
153	A total volatile inventory for Masaya Volcano, Nicaragua. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	65
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