Maurizio Ripepe

List of Publications by Year
in descending order

176	8,007	44444	71088
papers	citations	50 h-index	80 g-index

180	180	180	4631
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The use of 6DOF measurement in volcano seismology â€“ A first application to Stromboli volcano. Journal of Volcanology and Geothermal Research, 2022, 424, 107499.	0.8	10
2	Very-small-aperture 3-D infrasonic array for volcanic jet observation at Stromboli Volcano. Geophysical Journal International, 2022, 229, 459-471.	1.0	3
3	Atmospheric waves and global seismoacoustic observations of the January 2022 Hunga eruption, Tonga. Science, 2022, 377, 95-100.	6.0	170
4	Real-time tephra-fallout accumulation rates and grain-size distributions using ASHER (ASH collector) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.8	3
5	Tsunami risk management for crustal earthquakes and non-seismic sources in Italy. Rivista Del Nuovo Cimento, 2021, 44, 69-144.	2.0	16
6	Low-Energy Fragmentation Dynamics at Copahue Volcano (Argentina) as Revealed by an Infrasonic Array and Ash Characteristics. Frontiers in Earth Science, 2021, 9, .	0.8	9
7	Ground deformation reveals the scale-invariant conduit dynamics driving explosive basaltic eruptions. Nature Communications, 2021, 12, 1683.	5.8	26
8	Examples of Multi-Sensor Determination of Eruptive Source Parameters of Explosive Events at Mount Etna. Remote Sensing, 2021, 13, 2097.	1.8	23
9	Volcanic CO ₂ tracks the incubation period of basaltic paroxysms. Science Advances, 2021, 7, eabh0191.	4.7	25
10	Infrasound Propagation on Mars Atmosphere. , 2021, , 267-278.		0
11	Magma pressure discharge induces very long period seismicity. Scientific Reports, 2021, 11, 20065.	1.6	9
12	Seismic source migration during Strombolian eruptions inferred by veryâ€nearâ€field broadband seismic network. Journal of Geophysical Research: Solid Earth, 2021, 126, e2021JB022623.	1.4	2
13	Thermal Remote Sensing for Global Volcano Monitoring: Experiences From the MIROVA System. Frontiers in Earth Science, 2020, 7, .	0.8	52
14	Underwater records of submarine volcanic activity: El Hierro (Canary Islands 2011â€“2012) eruption. Journal of Volcanology and Geothermal Research, 2020, 408, 107097.	0.8	2
15	Fragmentation Processes During Strombolian Explosions Revealed Using Particle Size Distribution Mapping. Frontiers in Earth Science, 2020, 8, .	0.8	2
16	Volcanic Hot-Spot Detection Using SENTINEL-2: A Comparison with MODISâ€“MIROVA Thermal Data Series. Remote Sensing, 2020, 12, 820.	1.8	25
17	Effusion Rate Evolution During Smallâ€Volume Basaltic Eruptions: Insights From Numerical Modeling. Journal of Geophysical Research: Solid Earth, 2020, 125, e2019JB019301.	1.4	4
18	A method for 3D reconstruction of volcanic bomb trajectories. Bulletin of Volcanology, 2020, 82, 1.	1.1	5

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19	Tsunami and tephra deposits record interactions between past eruptive activity and landslides at Stromboli volcano, Italy. Geology, 2020, 48, 436-440.	2.0	13
20	Dynamic Identification as a Tool to Constrain Numerical Models for Structural Analysis of Historical Buildings. Frontiers in Built Environment, 2020, 6, .	1.2	18
21	Modeling the Acoustic Flux Inside the Magmatic Conduit by 3Dâ€FDTD Simulation. Journal of Geophysical Research: Solid Earth, 2020, 125, e2019JB018849.	1.4	20
22	Space- and Ground-Based Geophysical Data Tracking of Magma Migration in Shallow Feeding System of Mount Etna Volcano. Remote Sensing, 2019, 11, 1182.	1.8	44
23	Changes in SO2 Flux Regime at Mt. Etna Captured by Automatically Processed Ultraviolet Camera Data. Remote Sensing, 2019, 11, 1201.	1.8	20
24	Gas flux cyclic regime at an open vent magmatic column inferred from seismic and acoustic records. Scientific Reports, 2019, 9, 5678.	1.6	3
25	Infrasound Array Analysis of Debris Flow Activity and Implication for Early Warning. Journal of Geophysical Research F: Earth Surface, 2019, 124, 567-587.	1.0	50
26	Understanding the SO2 Degassing Budget of Mt Etna's Paroxysms: First Clues From the December 2015 Sequence. Frontiers in Earth Science, 2019, 6, .	0.8	10
27	Long range infrasound monitoring of Etna volcano. Scientific Reports, 2019, 9, 18015.	1.6	19
28	Full structural dynamic response from ambient vibration of Giotto's bell tower in Firenze (Italy), using modal analysis and seismic interferometry. NDT and E International, 2019, 102, 9-15.	1.7	20
29	Infrasound Monitoring of Volcanic Eruptions and Contribution of ARISE to the Volcanic Ash Advisory Centers. , 2019, , 1141-1162.		18
30	Toward an Improved Representation of Middle Atmospheric Dynamics Thanks to the ARISE Project. Surveys in Geophysics, 2018, 39, 171-225.	2.1	47
31	Estimating the Groundâ€Motion Distribution of the 2016 MwÂ6.2 Amatrice, Italy, Earthquake Using Remote Infrasound Observations. Seismological Research Letters, 2018, 89, 2227-2236.	0.8	18
32	The European Infrasound Bulletin. Pure and Applied Geophysics, 2018, 175, 3619-3638.	0.8	19
33	Infrasonic Early Warning System for Explosive Eruptions. Journal of Geophysical Research: Solid Earth, 2018, 123, 9570-9585.	1.4	76
34	Azimuth Estimations From a Small Aperture Infrasonic Array: Test Observations at Stromboli Volcano, Italy. Geophysical Research Letters, 2018, 45, 8931-8938.	1.5	12
35	Lattice Boltzmann modeling to explain volcano acoustic source. Scientific Reports, 2018, 8, 9537.	1.6	19
36	Evolution of Conduit Geometry and Eruptive Parameters During Effusive Events. Geophysical Research Letters, 2018, 45, 7471-7480.	1.5	10

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37	Dome Collapse Interaction With the Atmosphere. Geophysical Research Letters, 2018, 45, 8923-8930.	1.5	1
38	Dynamics of Mount Nyiragongo lava lake inferred from thermal imaging and infrasound array. Earth and Planetary Science Letters, 2018, 500, 192-204.	1.8	17
39	Long-term eruptive trends from space-based thermal and SO2 emissions: a comparative analysis of Stromboli, Batu Tara and Tinakula volcanoes. Bulletin of Volcanology, 2018, 80, 1.	1.1	20
40	Evidences of volcanic unrest on high-temperature fumaroles by satellite thermal monitoring: The case of Santa Ana volcano, El Salvador. Journal of Volcanology and Geothermal Research, 2017, 340, 170-179.	0.8	23
41	Modelling satellite-derived magma discharge to explain caldera collapse. Geology, 2017, 45, 523-526.	2.0	42
42	Forecasting Effusive Dynamics and Decompression Rates by Magmastatic Model at Open-vent Volcanoes. Scientific Reports, 2017, 7, 3885.	1.6	38
43	Exploring the explosiveâ€effusive transition using permanent ultraviolet cameras. Journal of Geophysical Research: Solid Earth, 2017, 122, 4377-4394.	1.4	22
44	Gas mass derived by infrasound and UV cameras: Implications for mass flow rate. Journal of Volcanology and Geothermal Research, 2016, 325, 169-178.	0.8	32
45	Conduit dynamics and post explosion degassing on Stromboli: A combined UV camera and numerical modeling treatment. Geophysical Research Letters, 2016, 43, 5009-5016.	1.5	21
46	Tideâ€modulated ice flow variations drive seismicity near the calving front of Bowdoin Glacier, Greenland. Geophysical Research Letters, 2016, 43, 2036-2044.	1.5	36
47	Magnitudeâ€“frequency distribution of volcanic explosion earthquakes. Earth, Planets and Space, 2016, 68, .	0.9	16
48	Seismic sources and stress transfer interaction among axial normal faults and external thrust fronts in the Northern Apennines (Italy): A working hypothesis based on the 1916â€“1920 timeâ€“space cluster of earthquakes. Tectonophysics, 2016, 680, 67-89.	0.9	26
49	Birth of a lava lake: Nyamulagira volcano 2011â€“2015. Bulletin of Volcanology, 2016, 78, 1.	1.1	28
50	Evidence of Large Infrasonic Radiation Induced by Earthquake Interaction with Alluvial Sediments. Seismological Research Letters, 2016, 87, 678-684.	0.8	20
51	Quantifying unsteadiness and dynamics of pulsatory volcanic activity. Earth and Planetary Science Letters, 2016, 444, 160-168.	1.8	20
52	Tracking dynamics of magma migration in open-conduit systems. Bulletin of Volcanology, 2016, 78, 1.	1.1	42
53	Mass discharge rate retrieval combining weather radar and thermal camera observations. Journal of Geophysical Research: Solid Earth, 2016, 121, 5679-5695.	1.4	48
54	Near-Real-Time Detection of Tephra Eruption Onset and Mass Flow Rate Using Microwave Weather Radar and Infrasonic Arrays. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 6292-6306.	2.7	11

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55	Modeling Volcanic Eruption Parameters by Near-Source Internal Gravity Waves. Scientific Reports, 2016, 6, 36727.	1.6	11
56	Dynamic response of the Baptistery of San Giovanni in Florence, Italy, based on ambient vibration test. Journal of Cultural Heritage, 2016, 20, 632-640.	1.5	32
57	Enhanced volcanic hot-spot detection using MODIS IR data: results from the MIROVA system. Geological Society Special Publication, 2016, 426, 181-205.	0.8	121
58	Infrasound array criteria for automatic detection and front velocity estimation of snow avalanches: towards a real-time early-warning system. Natural Hazards and Earth System Sciences, 2015, 15, 2545-2555.	1.5	31
59	MeMoVolc consensual document: a review of cross-disciplinary approaches to characterizing small explosive magmatic eruptions. Bulletin of Volcanology, 2015, 77, 1.	1.1	22
60	Volcano seismicity and ground deformation unveil the gravity-driven magma discharge dynamics of a volcanic eruption. Nature Communications, 2015, 6, 6998.	5.8	52
61	Faults strengthening and seismicity induced by geothermal exploitation on a spreading volcano, Mt. Amiata, Italia. Journal of Volcanology and Geothermal Research, 2015, 301, 159-168.	0.8	11
62	Characterization of the gasâ€“magmatic outflow at a volcanic vent through integral-equation based inverse acoustics. Applied Acoustics, 2015, 87, 123-130.	1.7	3
63	Frequency based detection and monitoring of small scale explosive activity by comparing satellite and ground based infrared observations at Stromboli Volcano, Italy. Journal of Volcanology and Geothermal Research, 2014, 283, 159-171.	0.8	7
64	Hot-spot detection and characterization of strombolian activity from MODIS infrared data. International Journal of Remote Sensing, 2014, 35, 3403-3426.	1.3	12
65	Large-Scale Seismic Vulnerability Assessment Method for Urban Centres. An Application to the City of Florence. Key Engineering Materials, 2014, 628, 49-54.	0.4	8
66	Wideband acoustic records of explosive volcanic eruptions at Stromboli: New insights on the explosive process and the acoustic source. Geophysical Research Letters, 2014, 41, 3851-3857.	1.5	28
67	Chapter 9 Thermal, acoustic and seismic signals from pyroclastic density currents and Vulcanian explosions at SoufriÃ¨re Hills Volcano, Montserrat. Geological Society Memoir, 2014, 39, 169-178.	0.9	19
68	Influence of atmospheric structure and topography on infrasonic wave propagation. Journal of Geophysical Research: Solid Earth, 2014, 119, 2988-3005.	1.4	56
69	Acoustic wavefield and Mach wave radiation of flashing arcs in strombolian explosion measured by image luminance. Geophysical Research Letters, 2014, 41, 7135-7142.	1.5	21
70	Dynamics of Strombolian explosions: Inferences from field and laboratory studies of erupted bombs from Stromboli volcano. Journal of Geophysical Research: Solid Earth, 2014, 119, 319-345.	1.4	88
71	Influence of near-source volcano topography on the acoustic wavefield and implication for source modeling. Journal of Volcanology and Geothermal Research, 2013, 250, 9-18.	0.8	71
72	Radon mapping, automatic measurements and extremely high 222Rn emissions during the 2002â€“2007 eruptive scenarios at Stromboli volcano. Journal of Volcanology and Geothermal Research, 2013, 264, 49-65.	0.8	19

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73	Textural and Compositional Characteristics of Lavas Emitted During the December 2002 to July 2003 Stromboli Eruption (Italy): Inferences on Magma Dynamics. Geophysical Monograph Series, 2013, , 213-228.	0.1	1
74	Gas Flux Rate and Migration of the Magma Column. Geophysical Monograph Series, 2013, , 259-267.	0.1	2
75	Seismological Insights on the Shallow Magma System. Geophysical Monograph Series, 2013, , 279-286.	0.1	0
76	Blast waves from violent explosive activity at Yasur Volcano, Vanuatu. Geophysical Research Letters, 2013, 40, 5838-5843.	1.5	67
77	Futurevolc: A European volcanological supersite observatory in Iceland, a monitoring system and network for the future. , 2013, , .		1
78	Ash-plume dynamics and eruption source parameters by infrasound and thermal imagery: The 2010 EyjafjallajÃ¶kull eruption. Earth and Planetary Science Letters, 2013, 366, 112-121.	1.8	99
79	Volcanic plume and bomb field masses from thermal infrared camera imagery. Earth and Planetary Science Letters, 2013, 365, 77-85.	1.8	35
80	Classification, landing distribution, and associated flight parameters for a bomb field emplaced during a single major explosion at Stromboli, Italy. Geology, 2013, 41, 559-562.	2.0	48
81	Infrasound reveals transition to oscillatory discharge regime during lava fountaining: Implication for early warning. Geophysical Research Letters, 2013, 40, 3008-3013.	1.5	62
82	Bombs behaving badly: unexpected trajectories and cooling of volcanic projectiles. Bulletin of Volcanology, 2012, 74, 1849-1858.	1.1	35
83	Estimation and propagation of volcanic source parameter uncertainty in an ash transport and dispersal model: application to the Eyjafjallajokull plume of 14â€“16 April 2010. Bulletin of Volcanology, 2012, 74, 2321-2338.	1.1	46
84	Virgo: a laser interferometer to detect gravitational waves. Journal of Instrumentation, 2012, 7, P03012-P03012.	0.5	257
85	Experimental constraints on the outgassing dynamics of basaltic magmas. Journal of Geophysical Research, 2012, 117, .	3.3	39
86	Highâ€frame rate thermal imagery of Strombolian explosions: Implications for explosive and infrasonic source dynamics. Journal of Geophysical Research, 2012, 117, .	3.3	60
87	Passive vs. active degassing modes at an open-vent volcano (Stromboli, Italy). Earth and Planetary Science Letters, 2012, 359-360, 106-116.	1.8	80
88	Radiative heat power at Stromboli volcano during 2000â€“2011: Twelve years of MODIS observations. Journal of Volcanology and Geothermal Research, 2012, 215-216, 48-60.	0.8	53
89	Detailed analysis of particle launch velocities, size distributions and gas densities during normal explosions at Stromboli. Journal of Volcanology and Geothermal Research, 2012, 231-232, 109-131.	0.8	48
90	Integrated petrochemical and geophysical data reveals thermal distribution of the feeding conduits at Stromboli volcano, Italy. Geophysical Research Letters, 2011, 38, n/a-n/a.	1.5	30

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91	Long-range acoustic observations of the EyjafjallajÃ¶kull eruption, Iceland, April-May 2010. Geophysical Research Letters, 2011, 38, n/a-n/a.	1.5	52
92	Influence of non-Newtonian rheology on magma degassing. Geophysical Research Letters, 2011, 38, n/a-n/a.	1.5	11
93	Tephra sedimentation during the 2010 EyjafjallajÃ¶kull eruption (Iceland) from deposit, radar, and satellite observations. Journal of Geophysical Research, 2011, 116, .	3.3	142
94	The 15 March 2007 explosive crisis at Stromboli volcano, Italy: Assessing physical parameters through a multidisciplinary approach. Journal of Geophysical Research, 2011, 116, .	3.3	83
95	Monitoring snow avalanches in Northwestern Italian Alps using an infrasound array. Cold Regions Science and Technology, 2011, 69, 177-183.	1.6	54
96	On the geophysical fingerprint of Vulcanian explosions. Earth and Planetary Science Letters, 2011, 306, 98-104.	1.8	39
97	Volcano infrasound: A review. Journal of Volcanology and Geothermal Research, 2011, 206, 61-69.	0.8	180
98	Earthquake-induced thermal anomalies at active volcanoes. Geology, 2010, 38, 771-774.	2.0	79
99	Imaging short period variations in lava flux. Bulletin of Volcanology, 2010, 72, 671-676.	1.1	16
100	Dynamics of soap bubble bursting and its implications to volcano acoustics. Geophysical Research Letters, 2010, 37, .	1.5	20
101	Observation of infrasonic and gravity waves at SoufriÃ¨re Hills Volcano, Montserrat. Geophysical Research Letters, 2010, 37, .	1.5	55
102	Inflationâ€deflation cycles revealed by tilt and seismic records at Stromboli volcano. Geophysical Research Letters, 2010, 37, .	1.5	65
103	Magma vesiculation and infrasonic activity at Stromboli open conduit volcano. Earth and Planetary Science Letters, 2010, 292, 274-280.	1.8	32
104	Monochromatic infrasonic tremor driven by persistent degassing and convection at Villarrica Volcano, Chile. Geophysical Research Letters, 2010, 37, .	1.5	43
105	A high speed microwave interferometer used for monitoring Stromboli volcano. , 2009, , .		2
106	Ground deformation and seismicity related to the propagation and drainage of the dyke feeding system during the 2007 effusive eruption at Stromboli volcano (Italy). Journal of Volcanology and Geothermal Research, 2009, 182, 155-161.	0.8	24
107	The onset of the 2007 Stromboli effusive eruption recorded by an integrated geophysical network. Journal of Volcanology and Geothermal Research, 2009, 182, 131-136.	0.8	82
108	Radon surveys and real-time monitoring at Stromboli volcano: Influence of soil temperature, atmospheric pressure and tidal forces on 222Rn degassing. Journal of Volcanology and Geothermal Research, 2009, 184, 381-388.	0.8	78

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109	Tracing the differences between Vulcanian and Strombolian explosions using infrasonic and thermal radiation energy. Earth and Planetary Science Letters, 2009, 279, 273-281.	1.8	75
110	Infrasonic evidences for branched conduit dynamics at Mt. Etna volcano, Italy. Geophysical Research Letters, 2009, 36, .	1.5	40
111	Spectroscopic capture of 1 Hz volcanic SO₂ fluxes and integration with volcano geophysical data. Geophysical Research Letters, 2009, 36, .	1.5	26
112	Acoustic waveform of continuous bubbling in a non-Newtonian fluid. Physical Review E, 2009, 80, 066314.	0.8	13
113	Tracking Pyroclastic Flows at SoufriÃ¨re Hills Volcano. Eos, 2009, 90, 229-230.	0.1	38
114	Eruption dynamics of the SW crater of Stromboli volcano, Italy â€" An interdisciplinary approach. Journal of Volcanology and Geothermal Research, 2008, 176, 565-570.	0.8	24
115	Dynamics of the 5 April 2003 explosive paroxysm observed at Stromboli by a nearâ€vent thermal, seismic and infrasonic array. Geophysical Research Letters, 2008, 35, .	1.5	46
116	Textural and geophysical characterization of explosive basaltic activity at Villarrica volcano. Journal of Geophysical Research, 2008, 113, .	3.3	104
117	From Strombolian explosions to fire fountains at Etna Volcano (Italy): what do we learn from acoustic measurements?. Geological Society Special Publication, 2008, 307, 103-124.	0.8	44
118	Synergy of multiple geophysical approaches to unravel explosive eruption conduit and source dynamics â€" A case study from Stromboli. Chemie Der Erde, 2007, 67, 1-35.	0.8	106
119	Regional earthquake as a trigger for enhanced volcanic activity: Evidence from MODIS thermal data. Geophysical Research Letters, 2007, 34, .	1.5	58
120	Temperature and dynamics of degassing at Stromboli. Journal of Geophysical Research, 2007, 112, .	3.3	115
121	Infrasonic monitoring at Stromboli volcano during the 2003 effusive eruption: Insights on the explosive and degassing process of an open conduit system. Journal of Geophysical Research, 2007, 112, .	3.3	91
122	Strombolian explosive styles and source conditions: insights from thermal (FLIR) video. Bulletin of Volcanology, 2007, 69, 769-784.	1.1	223
123	A case history of paroxysmal explosion at Stromboli: Timing and dynamics of the April 5, 2003 event. Earth and Planetary Science Letters, 2006, 243, 594-606.	1.8	138
124	Effusive to explosive transition during the 2003 eruption of Stromboli volcano. Geology, 2005, 33, 341.	2.0	119
125	DUCKS: Low cost thermal monitoring units for near-vent deployment. Journal of Volcanology and Geothermal Research, 2005, 143, 335-360.	0.8	33
126	Lava effusion rates from hand-held thermal infrared imagery: an example from the June 2003 effusive activity at Stromboli. Bulletin of Volcanology, 2005, 68, 107-117.	1.1	74

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127	Stability of the seismic source during effusive and explosive activity at Stromboli Volcano. Geophysical Research Letters, 2005, 32, .	1.5	46
128	Coupled thermal oscillations in explosive activity at different craters of Stromboli volcano. Geophysical Research Letters, 2005, 32, .	1.5	30
129	Geophysical investigations at Stromboli volcano, Italy: implications for ground water flow and paroxysmal activity. Geophysical Journal International, 2004, 157, 426-440.	1.0	92
130	Explosions and periodic tremor at Karymsky volcano, Kamchatka, Russia. Geophysical Journal International, 2004, 158, 1151-1167.	1.0	59
131	Propagation of acoustic waves in a viscoelastic two-phase system: influence of gas bubble concentration. Journal of Volcanology and Geothermal Research, 2004, 137, 93-108.	0.8	9
132	Seismoacoustic measurements during the Julyâ€“August 2001 eruption of Mt. Etna volcano, Italy. Journal of Volcanology and Geothermal Research, 2004, 137, 219-230.	0.8	33
133	Pulsed lava effusion at Mount Etna during 2001. Journal of Volcanology and Geothermal Research, 2004, 137, 231-246.	0.8	65
134	The Stromboli Volcano landslides of December 2002: A seismological description. Geophysical Research Letters, 2004, 31, .	1.5	45
135	Seismic, acoustic, and thermal network monitors the 2003 eruption of Stromboli Volcano. Eos, 2004, 85, 329.	0.1	35
136	The summit hydrothermal system of Stromboli. New insights from self-potential, temperature, CO 2 and fumarolic fluid measurements, with structural and monitoring implications. Bulletin of Volcanology, 2003, 65, 486-504.	1.1	95
137	Ground-based infrared monitoring provides new tool for remote tracking of volcanic activity. Eos, 2003, 84, 409-418.	0.1	24
138	Last stage control and mechanical transfer function measurement of the VIRGO suspensions. Review of Scientific Instruments, 2002, 73, 2143-2149.	0.6	14
139	The present status of the VIRGO Central Interferometer*. Classical and Quantum Gravity, 2002, 19, 1421-1428.	1.5	85
140	Array tracking of infrasonic sources at Stromboli volcano. Geophysical Research Letters, 2002, 29, 33-1-33-4.	1.5	144
141	Thermal, seismic and infrasonic evidences of variable degassing rates at Stromboli volcano. Journal of Volcanology and Geothermal Research, 2002, 118, 285-297.	0.8	172
142	Seismic and infrasonic evidences for an impulsive source of the shallow volcanic tremor at Mt. Etna, Italy. Geophysical Research Letters, 2001, 28, 1071-1074.	1.5	47
143	Time constraints for modeling source dynamics of volcanic explosions at Stromboli. Journal of Geophysical Research, 2001, 106, 8713-8727.	3.3	168
144	Foreshock sequence of September 26th, 1997 Umbria-Marche earthquakes. Journal of Seismology, 2000, 4, 387-399.	0.6	35

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145	Spatio-temporal distribution of seismic activity during the Umbria-Marche crisis, 1997. Journal of Seismology, 2000, 4, 377-386.	0.6	51
146	Orbital control on pelagic clay sedimentology; the case of the late Albian "Amadeus Segment" (central) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.9	10
147	Quaternary faults and seismicity in the Umbro-Marchean Apennines (Central Italy): evidence from the 1997 Colfiorito earthquake. Journal of Geodynamics, 2000, 29, 245-264.	0.7	61
148	Gas bubble dynamics model for shallow volcanic tremor at Stromboli. Journal of Geophysical Research, 1999, 104, 10639-10654.	3.3	129
149	The 1997 Umbria-Marche, Italy, Earthquake Sequence: A first look at the main shocks and aftershocks. Geophysical Research Letters, 1998, 25, 2861-2864.	1.5	280
150	Infrasonic waves and volcanic tremor at Stromboli. Geophysical Research Letters, 1996, 23, 181-184.	1.5	137
151	Evidence for gas influence on volcanic seismic signals recorded at Stromboli. Journal of Volcanology and Geothermal Research, 1996, 70, 221-233.	0.8	45
152	Highlights from a seismic broadband array on Stromboli Volcano. Geophysical Research Letters, 1994, 21, 749-752.	1.5	171
153	Image processing of explosive activity at Stromboli. Journal of Volcanology and Geothermal Research, 1993, 54, 335-351.	0.8	134
154	Interaction of seismic and air waves recorded at Stromboli Volcano. Geophysical Research Letters, 1993, 20, 65-68.	1.5	57
155	Calcareous nannofossils and Milankovitch cycles: the example of the Albian Gault Clay Formation (southern England). Palaeogeography, Palaeoclimatology, Palaeoecology, 1992, 93, 47-69.	1.0	184
156	Cyclic geomagnetic changes in Mid-Cretaceous rhythmites, Italy. Terra Nova, 1989, 1, 437-442.	0.9	10
157	Planktonic foraminiferal distribution record productivity cycles: evidence from the Aptianâ€Albian Piobbico core (central Italy). Terra Nova, 1989, 1, 443-448.	0.9	48
158	StrataBase: A stratigraphical database and processing program for microcomputers. Computers and Geosciences, 1988, 14, 369-375.	2.0	7
159	The Eocene-Oligocene Boundary in the Umbrian Pelagic Sequences, Italy. Developments in Palaeontology and Stratigraphy, 1986, , 25-40.	0.1	27
160	Volcanology and Magma Geochemistry of the Present-Day Activity: Constraints on the Feeding System. Geophysical Monograph Series, 0, , 19-37.	0.1	27
161	Dynamics of Strombolian Activity. Geophysical Monograph Series, 0, , 39-48.	0.1	32
162	Fluid Geochemistry of Stromboli. Geophysical Monograph Series, 0, , 49-63.	0.1	3

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163	Crater Gas Emissions and the Magma Feeding System of Stromboli Volcano. Geophysical Monograph Series, 0, , 65-80.	0.1	16
164	Upper Conduit Structure and Explosion Dynamics at Stromboli. Geophysical Monograph Series, 0, , 81-92.	0.1	4
165	Volcanic and Seismic Activity at Stromboli Preceding the 2002-2003 Flank Eruption. Geophysical Monograph Series, 0, , 93-104.	0.1	7
166	The Eruptive Activity of 28 and 29 December 2002. Geophysical Monograph Series, 0, , 105-115.	0.1	13
167	Geochemical Prediction of the 2002-2003 Stromboli Eruption from Variations in CO₂and Rn Emissions and in Helium and Carbon Isotopes. Geophysical Monograph Series, 0, , 117-128.	0.1	1
168	Evolution of the Lava Flow Field by Daily Thermal and Visible Airborne Surveys. Geophysical Monograph Series, 0, , 201-211.	0.1	2
169	Fluid Circulation and Permeability Changes in the Summit Area of Stromboli Volcano. Geophysical Monograph Series, 0, , 287-303.	0.1	0
170	The 5 April 2003 Explosion of Stromboli: Timing of Eruption Dynamics Using Thermal Data. Geophysical Monograph Series, 0, , 305-316.	0.1	14
171	The Paroxysmal Event and Its Deposits. Geophysical Monograph Series, 0, , 317-329.	0.1	19
172	Mineralogical, Geochemical, and Isotopic Characteristics of the Ejecta from the 5 April 2003 Paroxysm at Stromboli, Italy: Inferences on the Preeruptive Magma Dynamics. Geophysical Monograph Series, 0, , 331-345.	0.1	8
173	The 5 April 2003 Paroxysm at Stromboli: A Review of Geochemical Observations. Geophysical Monograph Series, 0, , 347-358.	0.1	2
174	Ground Deformation from Ground-Based SAR Interferometry. Geophysical Monograph Series, 0, , 359-372.	0.1	3
175	2002-2003 Lava Flow Eruption of Stromboli: A Contribution to Understanding Lava Discharge Mechanisms Using Periodic Digital Photogrammetry Surveys. Geophysical Monograph Series, 0, , 229-246.	0.1	4
176	Scientific Community and Civil Protection Synergy During the Stromboli 2002-2003 Eruption. Geophysical Monograph Series, 0, , 387-397.	0.1	6