

# Emilio Pecora

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4871721/publications.pdf>

Version: 2024-02-01

15  
papers

660  
citations

840585

11  
h-index

996849

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

713  
citing authors

#	ARTICLE	IF	CITATIONS
1	A multi-disciplinary study of the 2002?03 Etna eruption: insights into a complex plumbing system. Bulletin of Volcanology, 2005, 67, 314-330.	1.1	271
2	The exceptional activity and growth of the Southeast Crater, Mount Etna (Italy), between 1996 and 2001. Bulletin of Volcanology, 2006, 69, 149-173.	1.1	105
3	Eruption column height estimation of the 2011-2013 Etna lava fountains. Annals of Geophysics, 2014, 57, .	0.5	47
4	An advanced video-based system for monitoring active volcanoes. Computers and Geosciences, 2006, 32, 85-91.	2.0	42
5	Near-Real-Time Tephra Fallout Assessment at Mt. Etna, Italy. Remote Sensing, 2019, 11, 2987.	1.8	40
6	The VEI 2 Christmas 2018 Etna Eruption: A Small But Intense Eruptive Event or the Starting Phase of a Larger One?. Remote Sensing, 2020, 12, 905.	1.8	36
7	Overflows and Pyroclastic Density Currents in March-April 2020 at Stromboli Volcano Detected by Remote Sensing and Seismic Monitoring Data. Remote Sensing, 2020, 12, 3010.	1.8	29
8	Changes in SO2 Flux Regime at Mt. Etna Captured by Automatically Processed Ultraviolet Camera Data. Remote Sensing, 2019, 11, 1201.	1.8	20
9	Interpretation of data from the monitoring thermal camera of Stromboli volcano (Aeolian Islands), Tj ETQq1 1 0.784314 rgBT /Overlo	0.9	16
10	â€œFailedâ€• eruptions revealed by pattern classification analysis of gas emission and volcanic tremor data at Mt. Etna, Italy. International Journal of Earth Sciences, 2014, 103, 297-313.	0.9	14
11	The Use of Surveillance Cameras for the Rapid Mapping of Lava Flows: An Application to Mount Etna Volcano. Remote Sensing, 2017, 9, 192.	1.8	12
12	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
13	First ground-based observations of mesopause temperatures above the Eastern-Mediterranean Part I: Multi-day oscillations and tides. Journal of Atmospheric and Solar-Terrestrial Physics, 2017, 155, 95-103.	0.6	7
14	Diagnostic Multidisciplinary Investigations for Cultural Heritage at Etna Volcano: A Case Study from the 1669 Eruption in the Mother Church at the Old Settlement of Misterbianco. Remote Sensing, 2022, 14, 2388.	1.8	6
15	PyTirCam-1.0: A Python Model to Manage Thermal Infrared Camera Data. Remote Sensing, 2020, 12, 4056.	1.8	5