

# Claudia Corradino

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8643322/publications.pdf>

Version: 2024-02-01

24  
papers

278  
citations

933264

10  
h-index

996849

15  
g-index

30  
all docs

30  
docs citations

30  
times ranked

341  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Mapping Recent Lava Flows at Mount Etna Using Multispectral Sentinel-2 Images and Machine Learning Techniques. Remote Sensing, 2019, 11, 1916.	1.8	33
3	Turing Patterns in Memristive Cellular Nonlinear Networks. IEEE Transactions on Circuits and Systems I: Regular Papers, 2016, 63, 1222-1230.	3.5	30
4	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
5	Nonideal Behavior of Analog Multipliers for Chaos Generation. IEEE Transactions on Circuits and Systems II: Express Briefs, 2016, 63, 396-400.	2.2	22
6	Changing Eruptive Styles at the South-East Crater of Mount Etna: Implications for Assessing Lava Flow Hazards. Frontiers in Earth Science, 2019, 7, .	0.8	17
7	Combining Radar and Optical Satellite Imagery with Machine Learning to Map Lava Flows at Mount Etna and Fogo Island. Energies, 2021, 14, 197.	1.6	17
8	Recognizing Eruptions of Mount Etna through Machine Learning Using Multiperspective Infrared Images. Remote Sensing, 2020, 12, 970.	1.8	14
9	Satellite-Based Reconstruction of the Volcanic Deposits during the December 2015 Etna Eruption. Data, 2019, 4, 120.	1.2	13
10	Temperature Model Identification of FTU Liquid Lithium Limiter. IEEE Transactions on Control Systems Technology, 2018, 26, 1132-1139.	3.2	11
11	Turing patterns via pinning control in the simplest memristive cellular nonlinear networks. Chaos, 2019, 29, 103145.	1.0	11
12	Classifying Major Explosions and Paroxysms at Stromboli Volcano (Italy) from Space. Remote Sensing, 2021, 13, 4080.	1.8	11
13	Smart Decision Support Systems for Volcanic Applications. Energies, 2019, 12, 1216.	1.6	10
14	Taming Spatiotemporal Chaos in Forced Memristive Arrays. IEEE Transactions on Very Large Scale Integration (VLSI) Systems, 2018, 26, 2947-2954.	2.1	8
15	Mapping lava flows at Etna Volcano using Google Earth Engine, open-access satellite data, and machine learning. , 2021, , .		6
16	A particle swarm optimizationâ€‘based heuristic to optimize the configuration of artificial barriers for the mitigation of lava flow risk. Environmental Modelling and Software, 2021, 139, 105023.	1.9	4
17	A procedure to estimate pitch angle for runaways electrons control in fusion reactors. , 2019, , .		1
18	Temperature model identification on FTU liquid lithium limiter. , 2016, , .		0

#	ARTICLE	IF	CITATIONS
19	Model identification of the temperature over the FTU cooled liquid lithium (CLL) limiter surface. Fusion Engineering and Design, 2017, 123, 659-662.	1.0	0
20	Hybrid circuits to model and control fusion plasma instabilities. IFAC-PapersOnLine, 2018, 51, 27-31.	0.5	0
21	Modeling and control of System of Systems: The Tokamak scenario. , 2018, , .		0
22	Role of diversity in taming chaos in driven memristive arrays. , 2018, , .		0
23	Improving cloud detection with imperfect satellite images using an artificial neural network approach. , 2019, , .		0
24	A Memristor-Based Cell for Complexity. PoliTO Springer Series, 2019, , 133-141.	0.3	0