

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	Combining Radar and Optical Satellite Imagery with Machine Learning to Map Lava Flows at Mount Etna and Fogo Island. <i>Energies</i> , 2021, 14, 197.	1.6	17
2	A particle swarm optimizationâ€‘based heuristic to optimize the configuration of artificial barriers for the mitigation of lava flow risk. <i>Environmental Modelling and Software</i> , 2021, 139, 105023.	1.9	4
3	Classifying Major Explosions and Paroxysms at Stromboli Volcano (Italy) from Space. <i>Remote Sensing</i> , 2021, 13, 4080.	1.8	11
4	Mapping lava flows at Etna Volcano using Google Earth Engine, open-access satellite data, and machine learning. , 2021, , .		6
5	The VEI 2 Christmas 2018 Etna Eruption: A Small But Intense Eruptive Event or the Starting Phase of a Larger One?. <i>Remote Sensing</i> , 2020, 12, 905.	1.8	36
6	Overflows and Pyroclastic Density Currents in March-April 2020 at Stromboli Volcano Detected by Remote Sensing and Seismic Monitoring Data. <i>Remote Sensing</i> , 2020, 12, 3010.	1.8	29
7	Recognizing Eruptions of Mount Etna through Machine Learning Using Multiperspective Infrared Images. <i>Remote Sensing</i> , 2020, 12, 970.	1.8	14
8	Satellite-Based Reconstruction of the Volcanic Deposits during the December 2015 Etna Eruption. <i>Data</i> , 2019, 4, 120.	1.2	13
9	Turing patterns via pinning control in the simplest memristive cellular nonlinear networks. <i>Chaos</i> , 2019, 29, 103145.	1.0	11
10	A procedure to estimate pitch angle for runaways electrons control in fusion reactors. , 2019, , .		1
11	Mapping Recent Lava Flows at Mount Etna Using Multispectral Sentinel-2 Images and Machine Learning Techniques. <i>Remote Sensing</i> , 2019, 11, 1916.	1.8	33
12	Changing Eruptive Styles at the South-East Crater of Mount Etna: Implications for Assessing Lava Flow Hazards. <i>Frontiers in Earth Science</i> , 2019, 7, .	0.8	17
13	Improving cloud detection with imperfect satellite images using an artificial neural network approach. , 2019, , .		0
14	Smart Decision Support Systems for Volcanic Applications. <i>Energies</i> , 2019, 12, 1216.	1.6	10
15	A Memristor-Based Cell for Complexity. <i>PoliTO Springer Series</i> , 2019, , 133-141.	0.3	0
16	Temperature Model Identification of FTU Liquid Lithium Limiter. <i>IEEE Transactions on Control Systems Technology</i> , 2018, 26, 1132-1139.	3.2	11
17	Hybrid circuits to model and control fusion plasma instabilities. <i>IFAC-PapersOnLine</i> , 2018, 51, 27-31.	0.5	0
18	Taming Spatiotemporal Chaos in Forced Memristive Arrays. <i>IEEE Transactions on Very Large Scale Integration (VLSI) Systems</i> , 2018, 26, 2947-2954.	2.1	8

#	ARTICLE	IF	CITATIONS
19	Modeling and control of System of Systems: The Tokamak scenario. , 2018, , .		0
20	Role of diversity in taming chaos in driven memristive arrays. , 2018, , .		0
21	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
22	Temperature model identification on FTU liquid lithium limiter. , 2016, , .		0
23	Turing Patterns in Memristive Cellular Nonlinear Networks. IEEE Transactions on Circuits and Systems I: Regular Papers, 2016, 63, 1222-1230.	3.5	30
24	Nonideal Behavior of Analog Multipliers for Chaos Generation. IEEE Transactions on Circuits and Systems II: Express Briefs, 2016, 63, 396-400.	2.2	22