Antonietta Esposito

List of Publications by Year
in descending order

53 papers	847 citations	623734 14 h-index	580821 25 g-index
58 all docs	58 docs citations	58 times ranked	786 citing authors

#	Article	IF	Citations
1	Needs and challenges in human computer interaction for processing social emotional information. Pattern Recognition Letters, 2015, 66, 41-51.	4.2	70
2	Unsupervised Neural Analysis of Very-Long-Period Events at Stromboli Volcano Using the Self-Organizing Maps. Bulletin of the Seismological Society of America, 2008, 98, 2449-2459.	2.3	64
3	Automatic Discrimination among Landslide, Explosion-Quake, and Microtremor Seismic Signals at Stromboli Volcano Using Neural Networks. Bulletin of the Seismological Society of America, 2006, 96, 1230-1240.	2.3	59
4	Speech-driven facial animation with realistic dynamics. IEEE Transactions on Multimedia, 2005, 7, 33-42.	7.2	52
5	Geophysical precursors of the July-August 2019 paroxysmal eruptive phase and their implications for Stromboli volcano (Italy) monitoring. Scientific Reports, 2020, 10, 10296.	3.3	50
6	A new text-independent method for phoneme segmentation. , 0, , .		47
7	Audio/visual mapping with cross-modal hidden Markov models. IEEE Transactions on Multimedia, 2005, 7, 243-252.	7.2	46
8	The 2014 Effusive Eruption at Stromboli: New Insights from In Situ and Remote-Sensing Measurements. Remote Sensing, 2018, 10, 2035.	4.0	41
9	Building the next generation of personal digital Assistants. , 2014, , .		31
10	A General Framework for Learning Rules From Data. IEEE Transactions on Neural Networks, 2004, 15, 1333-1349.	4.2	25
11	Integration of Ground-Based Remote-Sensing and In Situ Multidisciplinary Monitoring Data to Analyze the Eruptive Activity of Stromboli Volcano in 2017â€"2018. Remote Sensing, 2019, 11, 1813.	4.0	25
12	Automatic Recognition of Landslides Based on Neural Network Analysis of Seismic Signals: An Application to the Monitoring of Stromboli Volcano (Southern Italy). Pure and Applied Geophysics, 2013, 170, 1821-1832.	1.9	24
13	The Seismicity of Ischia Island. Seismological Research Letters, 2018, 89, 1750-1760.	1.9	23
14	On the Significance of Speech Pauses in Depressive Disorders: Results on Read and Spontaneous Narratives. Smart Innovation, Systems and Technologies, 2016, , 73-82.	0.6	22
15	Seismological Monitoring of Mount Vesuvius (Italy): More than a Century of Observations. Seismological Research Letters, 2010, 81, 625-634.	1.9	20
16	Speech driven facial animation. , 2001, , .		19
17	Fast Discrimination of Local Earthquakes Using a Neural Approach. Seismological Research Letters, 2017, 88, 1089-1096.	1.9	19
18	Elder userâ€™s attitude toward assistive virtual agents: the role of voice and gender. Journal of Ambient Intelligence and Humanized Computing, 2021, 12, 4429-4436.	4.9	18

#	Article	IF	Citations
19	On the recognition of emotional vocal expressions: motivations for a holistic approach. Cognitive Processing, 2012, 13, 541-550.	1.4	13
20	The recent seismicity of Mt. Vesuvius: inference on seismogenic processes. Annals of Geophysics, 2013, 56, .	1.0	13
21	The EMPATHIC project. , 2019, , .		12
22	Filtering of noisy magnetotelluric signals by SOM neural networks. Physics of the Earth and Planetary Interiors, 2018, 285, 12-22.	1.9	11
23	Campi Flegrei, Vesuvius and Ischia Seismicity in the Context of the Neapolitan Volcanic Area. Frontiers in Earth Science, 2021, 9, .	1.8	11
24	Emotional faces of children and adults: What changes in their perception. , 2018, , .		10
25	Neural analysis of seismic data: applications to the monitoring of Mt. Vesuvius. Annals of Geophysics, 2013, 56, .	1.0	10
26	Clustering of Experimental Seismo-Acoustic Events Using Self-Organizing Map (SOM). Frontiers in Earth Science, 2021, 8, .	1.8	8
27	Seniorsâ€™ Sensing of Agentsâ€™ Personality from Facial Expressions. Lecture Notes in Computer Science, 2018, , 438-442.	1.3	7
28	Handwriting and Drawing Features for Detecting Personality Traits. , 2019, , .		7
29	Automatic Detection of Depressive States from Speech. Smart Innovation, Systems and Technologies, 2018, , 301-314.	0.6	6
30	Predictive Analysis of the Seismicity Level at Campi Flegrei Volcano Using a Data-Driven Approach. Smart Innovation, Systems and Technologies, 2014, , 133-145.	0.6	5
31	Waveform Variation of the Explosion-Quakes as a Function of the Eruptive Activity at Stromboli Volcano. Smart Innovation, Systems and Technologies, 2013, , 111-119.	0.6	5
32	A Neural Approach for Hybrid Events Discrimination at Stromboli Volcano. Smart Innovation, Systems and Technologies, 2018, , 11-21.	0.6	5
33	SOM-Based Analysis of Volcanic Rocks: An Application to Sommaâ€"Vesuvius and Campi Flegrei Volcanoes (Italy). Smart Innovation, Systems and Technologies, 2020, , 55-60.	0.6	5
34	Changes in the Eruptive Style of Stromboli Volcano before the 2019 Paroxysmal Phase Discovered through SOM Clustering of Seismo-Acoustic Features Compared with Camera Images and GBInSAR Data. Remote Sensing, 2022, 14, 1287.	4.0	5
35	On the Amount of Semantic Information Conveyed by Gestures. , 2015, , .		4
36	The biodynamic stress hypothesis Towards an evolutionary psychology paradigm. , 2019, , .		4

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37	Unsupervised Geochemical Analysis of the Eruptive Products of Ischia, Vesuvius and Campi Flegrei. Smart Innovation, Systems and Technologies, 2021, , 175-184.	0.6	4
38	Differences between hearing and deaf subjects in decoding foreign emotional faces. , 2017, , .		3
39	The Unaware Brain: The Role of the Interconnected Modal Matrices in the Centrencephalic Space of Functional Integration. Smart Innovation, Systems and Technologies, 2020, , 513-521.	0.6	3
40	Models for Identifying Structures in the Data: A Performance Comparison. , 2007, , 275-283.		3
41	Wireless vs. Wireline Land 3D Seismic in North Italy. , 2012, , .		2
42	Real-time optimization tool for wireless data transmission system: An application to Campi Flegrei (Italy) volcano surveillance. , 2017, , .		2
43	Age and Culture Effects on the Ability to Decode Affect Bursts. Smart Innovation, Systems and Technologies, 2019, , 23-34.	0.6	2
44	Decision-Making Styles in an Evolutionary Perspective. Smart Innovation, Systems and Technologies, 2020, , 503-512.	0.6	2
45	Denoising Magnetotelluric Recordings Using Self-Organizing Maps. Smart Innovation, Systems and Technologies, 2015, , 137-147.	0.6	1
46	Differences between alcoholic and non alcoholic individuals in the recognition of vocal emotional stimuli: A case-control study. , 2016, , .		1
47	Recent Advances in Nonlinear Speech Processing: Directions and Challenges. Smart Innovation, Systems and Technologies, 2016, , 5-11.	0.6	1
48	Effects of Emotional Visual Scenes on the Ability to Decode Emotional Melodies. , 2016, , .		0
49	How Traders' Appearances and Moral Descriptions Influence Receivers' Choices in the Ultimatum Game. , 2017, , .		0
50	Does Neuroeconomics Really Need the Brain?. Smart Innovation, Systems and Technologies, 2019, , 135-141.	0.6	0
51	Other Advanced Research Initiatives in Elderly Care and Fragility Prevention. Research for Development, 2021, , 327-359.	0.4	0
52	More Than Data Mining. Intelligent Systems Reference Library, 2019, , 1-11.	1.2	0
53	Heuristics, abductions and adaptive algorithms : A toolbox for human decision making. , 2020, , .		0