

Angela Lombardi

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

533
citations

858243

12
h-index

759306

22
g-index

31
all docs

31
docs citations

31
times ranked

676
citing authors

#	ARTICLE	IF	CITATIONS
1	Sustainable development goals: conceptualization, communication and achievement synergies in a complex network framework. <i>Applied Network Science</i> , 2022, 7, 14.	0.8	12
2	Territorial bias in university rankings: a complex network approach. <i>Scientific Reports</i> , 2022, 12, 4995.	1.6	15
3	A Machine Learning Approach to Parkinson's Disease Blood Transcriptomics. <i>Genes</i> , 2022, 13, 727.	1.0	10
4	Multi-site harmonization of MRI data uncovers machine-learning discrimination capability in barely separable populations: An example from the ABIDE dataset. <i>NeuroImage: Clinical</i> , 2022, 35, 103082.	1.4	10
5	Predicting brain age with complex networks: From adolescence to adulthood. <i>NeuroImage</i> , 2021, 225, 117458.	2.1	39
6	Artificial intelligence applications in medical imaging: A review of the medical physics research in Italy. <i>Physica Medica</i> , 2021, 83, 221-241.	0.4	44
7	Complex Network Modelling of Origin-Destination Commuting Flows for the COVID-19 Epidemic Spread Analysis in Italian Lombardy Region. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 4381.	1.3	7
8	Explainable Deep Learning for Personalized Age Prediction With Brain Morphology. <i>Frontiers in Neuroscience</i> , 2021, 15, 674055.	1.4	38
9	Association between Structural Connectivity and Generalized Cognitive Spectrum in Alzheimer's Disease. <i>Brain Sciences</i> , 2020, 10, 879.	1.1	11
10	Potential energy of complex networks: a quantum mechanical perspective. <i>Scientific Reports</i> , 2020, 10, 18387.	1.6	9
11	Breath Analysis for Early Detection of Malignant Pleural Mesothelioma: Volatile Organic Compounds (VOCs) Determination and Possible Biochemical Pathways. <i>Cancers</i> , 2020, 12, 1262.	1.7	24
12	Individual Topological Analysis of Synchronization-Based Brain Connectivity. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 3275.	1.3	1
13	Machine Learning and DWI Brain Communicability Networks for Alzheimer's Disease Detection. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 934.	1.3	20
14	Extensive Evaluation of Morphological Statistical Harmonization for Brain Age Prediction. <i>Brain Sciences</i> , 2020, 10, 364.	1.1	12
15	Brain Age Prediction With Morphological Features Using Deep Neural Networks: Results From Predictive Analytic Competition 2019. <i>Frontiers in Psychiatry</i> , 2020, 11, 619629.	1.3	11
16	Identifying potential gene biomarkers for Parkinson's disease through an information entropy based approach. <i>Physical Biology</i> , 2020, 18, 016003.	0.8	16
17	Communicability disruption in Alzheimer's disease connectivity networks. <i>Journal of Complex Networks</i> , 2019, 7, 83-100.	1.1	26
18	Communicability Characterization of Structural DWI Subcortical Networks in Alzheimer's Disease. <i>Entropy</i> , 2019, 21, 475.	1.1	14

#	ARTICLE	IF	CITATIONS
19	Deep Learning and Multiplex Networks for Accurate Modeling of Brain Age. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 115.	1.7	41
20	Modelling cognitive loads in schizophrenia by means of new functional dynamic indexes. <i>NeuroImage</i> , 2019, 195, 150-164.	2.1	24
21	Shannon entropy approach reveals relevant genes in Alzheimer's disease. <i>PLoS ONE</i> , 2019, 14, e0226190.	1.1	19
22	Multidimensional Neuroimaging Processing in ReCaS Datacenter. <i>Lecture Notes in Computer Science</i> , 2019, , 468-477.	1.0	2
23	Age Related Topological Analysis of Synchronization-Based Functional Connectivity. <i>Studies in Computational Intelligence</i> , 2019, , 652-662.	0.7	0
24	Deep learning reveals Alzheimer's disease onset in MCI subjects: Results from an international challenge. <i>Journal of Neuroscience Methods</i> , 2018, 302, 3-9.	1.3	104
25	IoT and CPS applications based on wearable devices. A case study: Monitoring of elderly and infirm patients. , 2017, , .		3
26	Evaluation of smartphone usage in neurological pathologies diagnosis. , 2017, , .		1
27	A Novel Synchronization-Based Approach for Functional Connectivity Analysis. <i>Complexity</i> , 2017, 2017, 1-12.	0.9	15
28	Association between MRI structural features and cognitive measures in pediatric multiple sclerosis. , 2017, , .		0
29	Assessment of seasonal variations of radar backscattering coefficient using sentinel-1 data. , 2016, , .		5
30	Combining Graph Analysis and Recurrence Plot on fMRI data. , 2015, , .		0