Michele De Filippo De Grazia

List of Publications by Year
in descending order

19 papers	591 citations	1039406 9 h-index	887659 17 g-index
21 all docs	21 docs citations	21 times ranked	727 citing authors

#	Article	IF	Citations
1	Recovery of neural dynamics criticality in personalized whole-brain models of stroke. Nature Communications, 2022, 13, .	5.8	22
2	Reply: Lesion network mapping: where do we go from here?. Brain, 2021, 144, e6-e6.	3.7	13
3	Sensorimotor, Attentional, and Neuroanatomical Predictors of Upper Limb Motor Deficits and Rehabilitation Outcome after Stroke. Neural Plasticity, 2021, 2021, 1-12.	1.0	11
4	A comparison of feature extraction methods for prediction of neuropsychological scores from functional connectivity data of stroke patients. Brain Informatics, 2021, 8, 8.	1.8	11
5	Reply: Lesion network mapping predicts post-stroke behavioural deficits and improves localization. Brain, 2021, 144, e36-e36.	3.7	13
6	A novel stroke lesion network mapping approach: improved accuracy yet still low deficit prediction. Brain Communications, 2021, 3, fcab259.	1.5	15
7	Post-stroke deficit prediction from lesion and indirect structural and functional disconnection. Brain, 2020, 143, 2173-2188.	3.7	166
8	A Systematic Assessment of Feature Extraction Methods for Robust Prediction of Neuropsychological Scores from Functional Connectivity Data. Lecture Notes in Computer Science, 2020, , 29-40.	1.0	2
9	A Comparison of Shallow and Deep Learning Methods for Predicting Cognitive Performance of Stroke Patients From MRI Lesion Images. Frontiers in Neuroinformatics, 2019, 13, 53.	1.3	70
10	QoE Multi-Stage Machine Learning for Dynamic Video Streaming. IEEE Transactions on Cognitive Communications and Networking, 2018, 4, 146-161.	4.9	19
11	On the Relationship Between the Underwater Acoustic and Optical Channels. IEEE Transactions on Wireless Communications, 2017, 16, 8037-8051.	6.1	31
12	The Role of Architectural and Learning Constraints in Neural Network Models: A Case Study on Visual Space Coding. Frontiers in Computational Neuroscience, 2017, 11, 13.	1.2	7
13	COBANETS: A new paradigm for cognitive communications systems. , 2016, , .		4
14	Cognition-Based Networks: A New Perspective on Network Optimization Using Learning and Distributed Intelligence. IEEE Access, 2015, 3, 1512-1530.	2.6	90
15	A new adaptive videogame for training attention and executive functions: design principles and initial validation. Frontiers in Psychology, 2014, 5, 409.	1.1	34
16	A machine learning approach to QoE-based video admission control and resource allocation in wireless systems. , 2014, , .		33
17	Deep Unsupervised Learning on a Desktop PC: A Primer for Cognitive Scientists. Frontiers in Psychology, 2013, 4, 251.	1.1	28
18	Space coding for sensorimotor transformations can emerge through unsupervised learning. Cognitive Processing, 2012, 13, 141-146.	0.7	8

#	Article	IF	Citations
19	Application of the preference learning model to a human resources selection task. , 2009, , .		10