Jonas Richiardi

List of Publications by Year
in descending order

62 papers	3,504 citations	257450 24 h-index	233421 45 g-index
69 all docs	69 docs citations	69 times ranked	6157 citing authors

#	Article	IF	Citations
1	The Cardiomyocyte in Heart Failure with Preserved Ejection Fraction—Victim of Its Environment?. Cells, 2022, 11, 867.	4.1	1
2	Preparing for a Second Attack: A Lesion Simulation Study on Network Resilience After Stroke. Stroke, 2022, 53, 2038-2047.	2.0	3
3	Machine learning algorithms on eye tracking trajectories to classify patients with spatial neglect. Computer Methods and Programs in Biomedicine, 2022, 221, 106929.	4.7	7
4	Multi-centre classification of functional neurological disorders based on resting-state functional connectivity. NeuroImage: Clinical, 2022, 35, 103090.	2.7	6
5	Periinfarct rewiring supports recovery after primary motor cortex stroke. Journal of Cerebral Blood Flow and Metabolism, 2021, 41, 2174-2184.	4.3	7
6	Abstract 25: Periinfarct Rewiring Supports Recovery After Primary Motor Cortex Stroke. Stroke, 2021, 52, .	2.0	1
7	Plasma neurofilament light and phosphorylated tau 181 as biomarkers of Alzheimer's disease pathology and clinical disease progression. Alzheimer's Research and Therapy, 2021, 13, 65.	6.2	49
8	To buy or not to buy—evaluating commercial AI solutions in radiology (the ECLAIR guidelines). European Radiology, 2021, 31, 3786-3796.	4.5	92
9	Comparing methods of detecting and segmenting unruptured intracranial aneurysms on TOF-MRAS: The ADAM challenge. NeuroImage, 2021, 238, 118216.	4.2	26
10	Validating atlas-based lesion disconnectomics in multiple sclerosis: A retrospective multi-centric study. NeuroImage: Clinical, 2021, 32, 102817.	2.7	4
11	Data‐driven myelin water imaging based on T_1 and T_2 relaxometry. NMR in Biomedicine, 2021, , e4668.	2.8	0
12	Deep Learning to Automate Reference-Free Image Quality Assessment of Whole-Heart MR Images. Radiology: Artificial Intelligence, 2020, 2, e190123.	5.8	18
13	CVSnet: A machine learning approach for automated central vein sign assessment in multiple sclerosis. NMR in Biomedicine, 2020, 33, e4283.	2.8	31
14	An Anatomically-Informed 3D CNN for Brain Aneurysm Classification with Weak Labels. Lecture Notes in Computer Science, 2020, , 56-66.	1.3	1
15	Artificial Intelligence in Musculoskeletal Imaging: Review of Current Literature, Challenges, and Trends. Seminars in Musculoskeletal Radiology, 2019, 23, 304-311.	0.7	51
16	Using fMRI connectivity to define a treatment-resistant form of post-traumatic stress disorder. Science Translational Medicine, 2019, 11, .	12.4	65
17	Identifying motor functional neurological disorder using resting-state functional connectivity. NeuroImage: Clinical, 2018, 17, 163-168.	2.7	42
18	P3‐418: INTEGRATIVE PREDICTION OF COGNITIVE DECLINE USING ATROPHY NETWORKS, CSF BIOMARKERS, AND GENOTYPE DATA. Alzheimer's and Dementia, 2018, 14, P1267.	0.8	0

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19	Multivariate and predictive modelling of neural variability in mild cognitive impairment. , 2018, , .		0
20	Differences in Social Decision-Making between Proposers and Responders during the Ultimatum Game: An EEG Study. Frontiers in Integrative Neuroscience, 2017, 11, 13.	2.1	11
21	Quantitative and Qualitative Analysis of Transient Fetal Compartments during Prenatal Human Brain Development. Frontiers in Neuroanatomy, 2016, 10, 11.	1.7	97
22	Integration and segregation of large-scale brain networks during short-term task automatization. Nature Communications, 2016, 7, 13217.	12.8	127
23	Large-scale functional network reorganization in 22q11.2 deletion syndrome revealed by modularity analysis. Cortex, 2016, 82, 86-99.	2.4	20
24	Correlated gene expression supports synchronous activity in brain networks. Science, 2015, 348, 1241-1244.	12.6	532
25	Neural Correlate of Anterograde Amnesia in Wernicke–Korsakoff Syndrome. Brain Topography, 2015, 28, 760-770.	1.8	24
26	Multicontrast <i>connectometry</i>: A new tool to assess cerebellum alterations in early relapsing–remitting multiple sclerosis. Human Brain Mapping, 2015, 36, 1609-1619.	3.6	30
27	Altered cerebrovascular reactivity velocity in mild cognitive impairment and Alzheimer's disease. Neurobiology of Aging, 2015, 36, 33-41.	3.1	84
28	Learning with multi-site fMRI graph data. , 2014, , .		7
29	Identifying 22q11.2 Deletion Syndrome and Psychosis Using Resting-State Connectivity Patterns. Brain Topography, 2014, 27, 808-821.	1.8	34
30	Head Motion Parameters in fMRI Differ Between Patients with Mild Cognitive Impairment and Alzheimer Disease Versus Elderly Control Subjects. Brain Topography, 2014, 27, 801-807.	1.8	21
31	Graph analysis of functional brain networks: practical issues in translational neuroscience. Philosophical Transactions of the Royal Society B: Biological Sciences, 2014, 369, 20130521.	4.0	313
32	Principal components of functional connectivity: A new approach to study dynamic brain connectivity during rest. NeuroImage, 2013, 83, 937-950.	4.2	367
33	PRoNTo: Pattern Recognition for Neuroimaging Toolbox. Neuroinformatics, 2013, 11, 319-337.	2.8	367
34	Pulsatile blood flow in human bone assessed by laser-Doppler flowmetry and the interpretation of photoplethysmographic signals. Physiological Measurement, 2013, 34, N25-N40.	2.1	18
35	EEG anomalies in adult ADHD subjects performing a working memory task. Neuroscience, 2013, 241, 135-146.	2.3	54
36	Attention-Related Potentials Allow for a Highly Accurate Discrimination of Mild Cognitive Impairment Subtypes. Neurodegenerative Diseases, 2013, 12, 59-70.	1.4	10

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37	Machine Learning with Brain Graphs: Predictive Modeling Approaches for Functional Imaging in Systems Neuroscience. IEEE Signal Processing Magazine, 2013, 30, 58-70.	5.6	135
38	Altered cortical and subcortical local coherence in obstructive sleep apnea: a functional magnetic resonance imaging study. Journal of Sleep Research, 2013, 22, 337-347.	3.2	65
39	Connectivity searchlight: A novel approach for MRI information mapping using multivariate connectivity. , 2013, , .		0
40	Recent advances in supervised learning for brain graph classification. , 2013, , .		7
41	Two Test Statistics for Cross-Modal Graph Community Significance. , 2013, , .		0
42	Functional connectivity eigennetworks reveal different brain dynamics in multiple sclerosis patients. , 2013, , .		4
43	Event-related potentials and changes of brain rhythm oscillations during working memory activation in patients with first-episode psychosis. Journal of Psychiatry and Neuroscience, 2012, 37, 95-105.	2.4	18
44	Classifying minimally disabled multiple sclerosis patients from resting state functional connectivity. NeuroImage, 2012, 62, 2021-2033.	4.2	87
45	Haemodynamic responses to temperature changes of human skeletal muscle studied by laser-Doppler flowmetry. Physiological Measurement, 2012, 33, 1181-1197.	2.1	13
46	Classifying Connectivity Graphs Using Graph and Vertex Attributes. , 2011, , .		6
47	Decoding brain states from fMRI connectivity graphs. NeuroImage, 2011, 56, 616-626.	4.2	263
48	Biometric Systems Evaluation. , 2011, , 117-124.		1
49	Biometric Sample Quality. , 2011, , 104-110.		0
50	Bayesian networks and information theory for audio-visual perception modeling. Biological Cybernetics, 2010, 103, 213-226.	1.3	18
51	Brain decoding of fMRI connectivity graphs using decision tree ensembles. , 2010, , .		4
52	Vector Space Embedding of Undirected Graphs with Fixed-cardinality Vertex Sequences for Classification. , 2010, , .		13
53	The Multiscenario Multienvironment BioSecure Multimodal Database (BMDB). IEEE Transactions on Pattern Analysis and Machine Intelligence, 2010, 32, 1097-1111.	13.9	176
54	Low-Dimensional Embedding of Functional Connectivity Graphs for Brain State Decoding. , 2010, , .		4

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55	Static Models of Derivative-Coordinates Phase Spaces for Multivariate Time Series Classification: An Application to Signature Verification. Lecture Notes in Computer Science, 2009, , 1200-1208.	1.3	0
56	Impact of combining quality measures on biometric sample matching. , 2009, , .		13
57	Low-level grounding in a multimodal mobile service robot conversational system using graphical models. Intelligent Service Robotics, 2008, 1, 3-26.	2.6	2
58	Reliability-Based Decision Fusion in Multimodal Biometric Verification Systems. Eurasip Journal on Advances in Signal Processing, 2007, 2007, .	1.7	27
59	Multimodal biometrics for identity documents (). Forensic Science International, 2007, 167, 154-159.	2.2	19
60	Confidence and reliability measures in speaker verification. Journal of the Franklin Institute, 2006, 343, 574-595.	3.4	8
61	Writer Identification for Smart Meeting Room Systems. Lecture Notes in Computer Science, 2006, , 186-195.	1.3	30
62	Gaussian Mixture Models for on-line signature verification. , 2003, , .		65