Francesco De Pasquale

List of Publications by Year
in descending order

47 papers	4,965 citations	331670 21 h-index	265206 42 g-index
47 all docs	47 docs citations	47 times ranked	6125 citing authors

#	Article	IF	Citations
1	Spontaneous Beta Band Rhythms in the Predictive Coding of Natural Stimuli. Neuroscientist, 2021, 27, 184-201.	3.5	38
2	B-Mode and Contrast Enhanced Ultrasonography Features of Gastric Inflammatory and Neoplastic Diseases in Dogs. Animals, 2021, 11, 670.	2.3	7
3	Temporal modes of hub synchronization at rest. NeuroImage, 2021, 235, 118005.	4.2	8
4	Brain Topological Reorganization Associated with Visual Neglect After Stroke. Brain Connectivity, 2021, , .	1.7	2
5	Neural bases of selfâ€•and objectâ€motion in a naturalistic vision. Human Brain Mapping, 2020, 41, 1084-1111.	3.6	41
6	Functional Autonomy Affects Elderly Spatial Perception in Body-Centered Coordinates. Journal of Aging Research, 2020, 2020, 1-8.	0.9	5
7	The Impact of the Geometric Correction Scheme on MEG Functional Topology at Rest. Frontiers in Neuroscience, 2019, 13, 1114.	2.8	15
8	Temporal and Spectral Signatures of the Default Mode Network. , 2019, , 1-33.		0
9	Interfraction prostate displacement during image-guided radiotherapy using intraprostatic fiducial markers and a cone-beam computed tomography system: A volumetric off-line analysis in relation to the variations of rectal and bladder volumes. Journal of Cancer Research and Therapeutics, 2019, 15, 69.	0.9	10
10	Temporal and Spectral Signatures of the Default Mode Network. , 2019, , 571-603.		1
11	Laminar Organization and Projections of the Motor Cortex of the Sheep. FASEB Journal, 2019, 33, 768.5.	0.5	0
12	The reorganization of functional architecture in the early-stages of Parkinson's disease. Parkinsonism and Related Disorders, 2018, 50, 61-68.	2.2	64
13	Topology of Functional Connectivity and Hub Dynamics in the Beta Band As Temporal Prior for Natural Vision in the Human Brain. Journal of Neuroscience, 2018, 38, 3858-3871.	3.6	31
14	Cortical cores in network dynamics. NeuroImage, 2018, 180, 370-382.	4.2	93
15	Restingâ€state connectivity and modulated somatomotor and defaultâ€mode networks in Huntington disease. CNS Neuroscience and Therapeutics, 2017, 23, 488-497.	3.9	19
16	Neural signature of coma revealed by posteromedial cortex connection density analysis. NeuroImage: Clinical, 2017, 15, 315-324.	2.7	9
17	The anatomical scaffold underlying the functional centrality of known cortical hubs. Human Brain Mapping, 2017, 38, 5141-5160.	3.6	13
18	High-Field Neuroimaging in Traumatic Brain Injury and Disorders of Consciousness. , 2017, , 199-210.		0

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19	Transient effects of tumor location on the functional architecture at rest in glioblastoma patients: three longitudinal case studies. Radiation Oncology, 2016, 11, 107.	2.7	12
20	The Default Mode Network Connectivity Predicts Cognitive Recovery in Severe Acquired Brain Injured Patients: A Longitudinal Study. Journal of Neurotrauma, 2016, 33, 1247-1262.	3.4	19
21	A Dynamic Core Network and Global Efficiency in the Resting Human Brain. Cerebral Cortex, 2016, 26, 4015-4033.	2.9	162
22	Disruption of posteromedial large-scale neural communication predicts recovery from coma. Neurology, 2015, 85, 2036-2044.	1.1	83
23	Persistent modification of forebrain networks and metabolism in rats following adolescent exposure to a 5-HT7 receptor agonist. Psychopharmacology, 2015, 232, 75-89.	3.1	33
24	Being an agent or an observer: Different spectral dynamics revealed by MEG. NeuroImage, 2014, 102, 717-728.	4.2	33
25	Temporal and Spectral Signatures of the Default Mode Network. , 2014, , 451-476.		5
26	Influence of white matter fiber orientation on R2* revealed by MRI segmentation. Journal of Magnetic Resonance Imaging, 2013, 37, 85-91.	3.4	7
27	The connectivity of functional cores reveals different degrees of segregation and integration in the brain at rest. NeuroImage, 2013, 69, 51-61.	4.2	49
28	Natural Scenes Viewing Alters the Dynamics of Functional Connectivity in the Human Brain. Neuron, 2013, 79, 782-797.	8.1	175
29	Adding dynamics to the Human Connectome Project with MEG. NeuroImage, 2013, 80, 190-201.	4.2	189
30	Frequency specific interactions of MEG resting state activity within and across brain networks as revealed by the multivariate interaction measure. NeuroImage, 2013, 79, 172-183.	4.2	118
31	Dynamic functional connectivity: Promise, issues, and interpretations. NeuroImage, 2013, 80, 360-378.	4.2	2,358
32	A Cortical Core for Dynamic Integration of Functional Networks in the Resting Human Brain. Neuron, 2012, 74, 753-764.	8.1	396
33	A K-means multivariate approach for clustering independent components from magnetoencephalographic data. NeuroImage, 2012, 62, 1912-1923.	4.2	26
34	Differential response to specific 5-Ht(7) versus whole-serotonergic drugs in rat forebrains: A phMRI study. NeuroImage, 2011, 58, 885-894.	4.2	25
35	A Signal-Processing Pipeline for Magnetoencephalography Resting-State Networks. Brain Connectivity, 2011, 1, 49-59.	1.7	105
36	EPISODIC TRANSIENT GAMMA-RAY EMISSION FROM THE MICROQUASAR CYGNUS X-1. Astrophysical Journal Letters, 2010, 712, L10-L15.	8.3	62

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37	Temporal dynamics of spontaneous MEG activity in brain networks. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 6040-6045.	7.1	664
38	A multi-scale template method for shape detection with bio-medical applications. Pattern Analysis and Applications, 2009, 12, 179-192.	4.6	4
39	Peculiar response to methylphenidate in adolescent compared to adult rats: a phMRI study. Psychopharmacology, 2009, 203, 143-153.	3.1	33
40	Empirical Markov Chain Monte Carlo Bayesian analysis of fMRI data. NeuroImage, 2008, 42, 99-111.	4.2	10
41	Quantifying Human Brain Connectivity from Diffusion Tensor MRI. Journal of Mathematical Imaging and Vision, 2006, 25, 227-244.	1.3	3
42	Ion diffusion modelling of Fricke-agarose dosemeter gels. Radiation Protection Dosimetry, 2006, 120, 151-154.	0.8	10
43	Optical imaging of dose distributions in Fricke gels. Radiation Protection Dosimetry, 2006, 120, 148-150.	0.8	5
44	Bayesian analysis of in vivo dynamic 13C-edited 1H images. Magnetic Resonance Imaging, 2005, 23, 577-584.	1.8	1
45	Bayesian analysis of dynamic magnetic resonance breast images. Journal of the Royal Statistical Society Series C: Applied Statistics, 2004, 53, 475-493.	1.0	8
46	Dose Reconstruction in Irradiated Fricke-agarose Gels by Means of MRI and Optical Techniques: 2D Modelling of Diffusion of Ferric Ions. Radiation Protection Dosimetry, 2002, 99, 363-364.	0.8	3
47	Bayesian estimation of relaxation times T1 in MR images of irradiated Fricke-agarose gels. Magnetic Resonance Imaging, 2000, 18, 721-731.	1.8	11