

Francesco De Pasquale

List of Publications by Year in descending order

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Version: 2024-02-01

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	Dynamic functional connectivity: Promise, issues, and interpretations. <i>NeuroImage</i> , 2013, 80, 360-378.	4.2	2,358
2	Temporal dynamics of spontaneous MEG activity in brain networks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 6040-6045.	7.1	664
3	A Cortical Core for Dynamic Integration of Functional Networks in the Resting Human Brain. <i>Neuron</i> , 2012, 74, 753-764.	8.1	396
4	Adding dynamics to the Human Connectome Project with MEG. <i>NeuroImage</i> , 2013, 80, 190-201.	4.2	189
5	Natural Scenes Viewing Alters the Dynamics of Functional Connectivity in the Human Brain. <i>Neuron</i> , 2013, 79, 782-797.	8.1	175
6	A Dynamic Core Network and Global Efficiency in the Resting Human Brain. <i>Cerebral Cortex</i> , 2016, 26, 4015-4033.	2.9	162
7	Frequency specific interactions of MEG resting state activity within and across brain networks as revealed by the multivariate interaction measure. <i>NeuroImage</i> , 2013, 79, 172-183.	4.2	118
8	A Signal-Processing Pipeline for Magnetoencephalography Resting-State Networks. <i>Brain Connectivity</i> , 2011, 1, 49-59.	1.7	105
9	Cortical cores in network dynamics. <i>NeuroImage</i> , 2018, 180, 370-382.	4.2	93
10	Disruption of posteromedial large-scale neural communication predicts recovery from coma. <i>Neurology</i> , 2015, 85, 2036-2044.	1.1	83
11	The reorganization of functional architecture in the early-stages of Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2018, 50, 61-68.	2.2	64
12	EPISODIC TRANSIENT GAMMA-RAY EMISSION FROM THE MICROQUASAR CYGNUS X-1. <i>Astrophysical Journal Letters</i> , 2010, 712, L10-L15.	8.3	62
13	The connectivity of functional cores reveals different degrees of segregation and integration in the brain at rest. <i>NeuroImage</i> , 2013, 69, 51-61.	4.2	49
14	Neural bases of self- and object- emotion in a naturalistic vision. <i>Human Brain Mapping</i> , 2020, 41, 1084-1111.	3.6	41
15	Spontaneous Beta Band Rhythms in the Predictive Coding of Natural Stimuli. <i>Neuroscientist</i> , 2021, 27, 184-201.	3.5	38
16	Peculiar response to methylphenidate in adolescent compared to adult rats: a pHMRI study. <i>Psychopharmacology</i> , 2009, 203, 143-153.	3.1	33
17	Being an agent or an observer: Different spectral dynamics revealed by MEG. <i>NeuroImage</i> , 2014, 102, 717-728.	4.2	33
18	Persistent modification of forebrain networks and metabolism in rats following adolescent exposure to a 5-HT7 receptor agonist. <i>Psychopharmacology</i> , 2015, 232, 75-89.	3.1	33

#	ARTICLE	IF	CITATIONS
19	Topology of Functional Connectivity and Hub Dynamics in the Beta Band As Temporal Prior for Natural Vision in the Human Brain. <i>Journal of Neuroscience</i> , 2018, 38, 3858-3871.	3.6	31
20	A K-means multivariate approach for clustering independent components from magnetoencephalographic data. <i>NeuroImage</i> , 2012, 62, 1912-1923.	4.2	26
21	Differential response to specific 5-Ht(7) versus whole-serotonergic drugs in rat forebrains: A phMRI study. <i>NeuroImage</i> , 2011, 58, 885-894.	4.2	25
22	The Default Mode Network Connectivity Predicts Cognitive Recovery in Severe Acquired Brain Injured Patients: A Longitudinal Study. <i>Journal of Neurotrauma</i> , 2016, 33, 1247-1262.	3.4	19
23	Resting-state connectivity and modulated somatomotor and default-mode networks in Huntington disease. <i>CNS Neuroscience and Therapeutics</i> , 2017, 23, 488-497.	3.9	19
24	The Impact of the Geometric Correction Scheme on MEG Functional Topology at Rest. <i>Frontiers in Neuroscience</i> , 2019, 13, 1114.	2.8	15
25	The anatomical scaffold underlying the functional centrality of known cortical hubs. <i>Human Brain Mapping</i> , 2017, 38, 5141-5160.	3.6	13
26	Transient effects of tumor location on the functional architecture at rest in glioblastoma patients: three longitudinal case studies. <i>Radiation Oncology</i> , 2016, 11, 107.	2.7	12
27	Bayesian estimation of relaxation times T1 in MR images of irradiated Fricke-agarose gels. <i>Magnetic Resonance Imaging</i> , 2000, 18, 721-731.	1.8	11
28	Ion diffusion modelling of Fricke-agarose dosimeter gels. <i>Radiation Protection Dosimetry</i> , 2006, 120, 151-154.	0.8	10
29	Empirical Markov Chain Monte Carlo Bayesian analysis of fMRI data. <i>NeuroImage</i> , 2008, 42, 99-111.	4.2	10
30	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. <i>Journal of Cancer Research and Therapeutics</i> , 2019, 15, 69.	0.9	10
31	Neural signature of coma revealed by posteromedial cortex connection density analysis. <i>NeuroImage: Clinical</i> , 2017, 15, 315-324.	2.7	9
32	Bayesian analysis of dynamic magnetic resonance breast images. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2004, 53, 475-493.	1.0	8
33	Temporal modes of hub synchronization at rest. <i>NeuroImage</i> , 2021, 235, 118005.	4.2	8
34	Influence of white matter fiber orientation on R2* revealed by MRI segmentation. <i>Journal of Magnetic Resonance Imaging</i> , 2013, 37, 85-91.	3.4	7
35	B-Mode and Contrast Enhanced Ultrasonography Features of Gastric Inflammatory and Neoplastic Diseases in Dogs. <i>Animals</i> , 2021, 11, 670.	2.3	7
36	Optical imaging of dose distributions in Fricke gels. <i>Radiation Protection Dosimetry</i> , 2006, 120, 148-150.	0.8	5

#	ARTICLE	IF	CITATIONS
37	Functional Autonomy Affects Elderly Spatial Perception in Body-Centered Coordinates. Journal of Aging Research, 2020, 2020, 1-8.	0.9	5
38	Temporal and Spectral Signatures of the Default Mode Network. , 2014, , 451-476.		5
39	A multi-scale template method for shape detection with bio-medical applications. Pattern Analysis and Applications, 2009, 12, 179-192.	4.6	4
40	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
41	Quantifying Human Brain Connectivity from Diffusion Tensor MRI. Journal of Mathematical Imaging and Vision, 2006, 25, 227-244.	1.3	3
42	Brain Topological Reorganization Associated with Visual Neglect After Stroke. Brain Connectivity, 2021, , .	1.7	2
43	Bayesian analysis of in vivo dynamic ¹³ C-edited ¹ H images. Magnetic Resonance Imaging, 2005, 23, 577-584.	1.8	1
44	Temporal and Spectral Signatures of the Default Mode Network. , 2019, , 571-603.		1
45	Temporal and Spectral Signatures of the Default Mode Network. , 2019, , 1-33.		0
46	High-Field Neuroimaging in Traumatic Brain Injury and Disorders of Consciousness. , 2017, , 199-210.		0
47	Laminar Organization and Projections of the Motor Cortex of the Sheep. FASEB Journal, 2019, 33, 768.5.	0.5	0