

# Rajanikant Panda

## List of Publications by Year in descending order

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Version: 2024-02-01

38  
papers

824  
citations

516561

16  
h-index

580701

25  
g-index

46  
all docs

46  
docs citations

46  
times ranked

1230  
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of altered cerebello-thalamo-cortical network in the neurobiology of essential tremor. <i>Neuroradiology</i> , 2017, 59, 157-168.	1.1	70
2	Preservation of Brain Activity in Unresponsive Patients Identifies <scp>MCS</scp> <i>Star. Annals of Neurology</i> , 2021, 90, 89-100.	2.8	70
3	Recovery of resting brain connectivity ensuing mild traumatic brain injury. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 513.	1.0	56
4	Temporal Dynamics of the Default Mode Network Characterize Meditation-Induced Alterations in Consciousness. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 372.	1.0	56
5	Decreased integration of EEG source-space networks in disorders of consciousness. <i>NeuroImage: Clinical</i> , 2019, 23, 101841.	1.4	52
6	Machine learning detects EEG microstate alterations in patients living with temporal lobe epilepsy. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2018, 61, 8-13.	0.9	45
7	Perturbations in dynamical models of whole-brain activity dissociate between the level and stability of consciousness. <i>PLoS Computational Biology</i> , 2021, 17, e1009139.	1.5	45
8	Loss of consciousness reduces the stability of brain hubs and the heterogeneity of brain dynamics. <i>Communications Biology</i> , 2021, 4, 1037.	2.0	40
9	Freezing of gait in Parkinson's disease is associated with altered functional brain connectivity. <i>Parkinsonism and Related Disorders</i> , 2016, 24, 100-106.	1.1	37
10	Cortical plasticity after brachial plexus injury and repair: a resting-state functional MRI study. <i>Neurosurgical Focus</i> , 2017, 42, E14.	1.0	33
11	Machine learning identifies "rsfMRI epilepsy networks" in temporal lobe epilepsy. <i>European Radiology</i> , 2019, 29, 3496-3505.	2.3	33
12	Quantifying arousal and awareness in altered states of consciousness using interpretable deep learning. <i>Nature Communications</i> , 2022, 13, 1064.	5.8	29
13	<scp>R</scp>epetitive transcranial magnetic stimulation induced modulations of resting state motor connectivity in writer's cramp. <i>European Journal of Neurology</i> , 2015, 22, 796.	1.7	26
14	Disrupted resting brain graph measures in individuals at high risk for alcoholism. <i>Psychiatry Research - Neuroimaging</i> , 2017, 265, 54-64.	0.9	25
15	Understanding the pathophysiology of reflex epilepsy using simultaneous EEG&fMRI. <i>Epileptic Disorders</i> , 2014, 16, 19-29.	0.7	23
16	Unifying turbulent dynamics framework distinguishes different brain states. <i>Communications Biology</i> , 2022, 5, .	2.0	20
17	Utility of resting fMRI and connectivity in patients with brain tumor. <i>Neurology India</i> , 2013, 61, 144.	0.2	19
18	Auditory localization should be considered as a sign of minimally conscious state based on multimodal findings. <i>Brain Communications</i> , 2020, 2, fcaa195.	1.5	17

#	ARTICLE	IF	CITATIONS
19	How hot is the hot zone? Computational modelling clarifies the role of parietal and frontoparietal connectivity during anaesthetic-induced loss of consciousness. <i>NeuroImage</i> , 2021, 231, 117841.	2.1	16
20	Reduced small world brain connectivity in probands with a family history of epilepsy. <i>European Journal of Neurology</i> , 2016, 23, 1729-1737.	1.7	13
21	Reappearance of Command-Following Is Associated With the Recovery of Language and Internal-Awareness Networks: A Longitudinal Multiple-Case Report. <i>Frontiers in Systems Neuroscience</i> , 2019, 13, 8.	1.2	11
22	Dynamic local connectivity uncovers altered brain synchrony during propofol sedation. <i>Scientific Reports</i> , 2017, 7, 8501.	1.6	10
23	Unraveling Brain Functional Connectivity of encoding and retrieval in the context of education. <i>Brain and Cognition</i> , 2014, 86, 75-81.	0.8	9
24	Altered brain network measures in patients with primary writing tremor. <i>Neuroradiology</i> , 2017, 59, 1021-1029.	1.1	8
25	A Single Session of rTMS Enhances Small-Worldness in Writer's Cramp: Evidence from Simultaneous EEG-fMRI Multi-Modal Brain Graph. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 443.	1.0	8
26	Novel Findings in Obstetric Brachial Plexus Palsy: A Study of Corpus Callosum Volumetry and Resting-State Functional Magnetic Resonance Imaging of Sensorimotor Network. <i>Neurosurgery</i> , 2018, 83, 905-914.	0.6	7
27	Links Between Swallowing and Consciousness: A Narrative Review. <i>Dysphagia</i> , 2023, 38, 42-64.	1.0	6
28	Functional network connectivity imprint in febrile seizures. <i>Scientific Reports</i> , 2022, 12, 3267.	1.6	5
29	Mapping the functional brain state of a world champion freediver in static dry apnea. <i>Brain Structure and Function</i> , 2021, 226, 2675-2688.	1.2	4
30	Charles Bonnet syndrome in a case of cerebral venous thrombosis with fMRI-EEG correlation. <i>Neurology India</i> , 2014, 62, 557.	0.2	3
31	Neural Correlates of Emotion: Acquisition versus Innate View Point. <i>Indian Journal of Psychological Medicine</i> , 2014, 36, 385-391.	0.6	3
32	The Relevance of Interictal Bold Changes to Lateralize Seizure Focus Using Simultaneous EEG-fMRI. <i>Journal of Epilepsy Research</i> , 2015, 5, 60-69.	0.1	2
33	Criticality of electrical safety for medical devices. , 2010, , .		1
34	Classification of EEG signals for epileptic seizure evaluation. , 2010, , .		1
35	Large-Scale Brain Network Modelling Using Graph-Theory Approach in Neuroscience. , 2018, , .		1
36	Resting State Networks Analysis Using Simultaneous EEG-fMRI for Epilepsy Patient. <i>Lecture Notes in Electrical Engineering</i> , 2013, , 607-617.	0.3	1

#	ARTICLE	IF	CITATIONS
37	Analysis of Brain Cognitive State for Arithmetic Task and Motor Task Using Electroencephalography Signal. Signal and Image Processing: an International Journal, 2013, 4, 51-59.	0.2	0
38	Analysis of Brain Activity for Motor Task Using Simultaneous EEG - fMRI. Advances in Intelligent Systems and Computing, 2013, , 1101-1107.	0.5	0