

Adeel Razi

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

86
papers

2,742
citations

27
h-index

51
g-index

115
ext. papers

4,164
ext. citations

6.3
avg, IF

5.55
L-index

#	Paper	IF	Citations
86	A DCM for resting state fMRI. <i>NeuroImage</i> , 2014 , 94, 396-407	7.9	269
85	Bayesian model reduction and empirical Bayes for group (DCM) studies. <i>NeuroImage</i> , 2016 , 128, 413-431	7.9	253
84	Questions and controversies in the study of time-varying functional connectivity in resting fMRI. <i>Network Neuroscience</i> , 2020 , 4, 30-69	5.6	159
83	Construct validation of a DCM for resting state fMRI. <i>NeuroImage</i> , 2015 , 106, 1-14	7.9	148
82	Extrinsic and Intrinsic Brain Network Connectivity Maintains Cognition across the Lifespan Despite Accelerated Decay of Regional Brain Activation. <i>Journal of Neuroscience</i> , 2016 , 36, 3115-26	6.6	115
81	. <i>IEEE Transactions on Communications</i> , 2012 , 60, 3472-3482	6.9	100
80	Dynamic causal modelling revisited. <i>NeuroImage</i> , 2019 , 199, 730-744	7.9	97
79	Compensation in Preclinical Huntington's Disease: Evidence From the Track-On HD Study. <i>EBioMedicine</i> , 2015 , 2, 1420-9	8.8	91
78	A guide to group effective connectivity analysis, part 1: First level analysis with DCM for fMRI. <i>NeuroImage</i> , 2019 , 200, 174-190	7.9	88
77	Effective connectivity changes in LSD-induced altered states of consciousness in humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 2743-2748	11.5	87
76	Large-scale DCMs for resting-state fMRI. <i>Network Neuroscience</i> , 2017 , 1, 222-241	5.6	85
75	Mapping the smoking addiction using dynamic causal modelling at rest. <i>BMC Neuroscience</i> , 2015 , 16,	3.2	78
74	The Hierarchical Organization of the Default, Dorsal Attention and Salience Networks in Adolescents and Young Adults. <i>Cerebral Cortex</i> , 2018 , 28, 726-737	5.1	77
73	Regression DCM for fMRI. <i>NeuroImage</i> , 2017 , 155, 406-421	7.9	66
72	Selective vulnerability of Rich Club brain regions is an organizational principle of structural connectivity loss in Huntington's disease. <i>Brain</i> , 2015 , 138, 3327-44	11.2	66
71	Leveraging Data Science to Combat COVID-19: A Comprehensive Review. <i>IEEE Transactions on Artificial Intelligence</i> , 2020 , 1, 85-103	4.7	63
70	Dynamic effective connectivity in resting state fMRI. <i>NeuroImage</i> , 2018 , 180, 594-608	7.9	62

69	Brain Regions Showing White Matter Loss in Huntington's Disease Are Enriched for Synaptic and Metabolic Genes. <i>Biological Psychiatry</i> , 2018 , 83, 456-465	7.9	54
68	On nodes and modes in resting state fMRI. <i>NeuroImage</i> , 2014 , 99, 533-47	7.9	50
67	Machine Learning for Predicting Epileptic Seizures Using EEG Signals: A Review. <i>IEEE Reviews in Biomedical Engineering</i> , 2021 , 14, 139-155	6.4	43
66	Operationalizing compensation over time in neurodegenerative disease. <i>Brain</i> , 2017 , 140, 1158-1165	11.2	39
65	. <i>IEEE Signal Processing Magazine</i> , 2016 , 33, 14-35	9.4	38
64	On Markov blankets and hierarchical self-organisation. <i>Journal of Theoretical Biology</i> , 2020 , 486, 110089	2.3	37
63	Altered intrinsic and extrinsic connectivity in schizophrenia. <i>NeuroImage: Clinical</i> , 2018 , 17, 704-716	5.3	35
62	. <i>IEEE Transactions on Wireless Communications</i> , 2010 , 9, 356-365	9.6	33
61	The physiological effects of noninvasive brain stimulation fundamentally differ across the human cortex. <i>Science Advances</i> , 2020 , 6, eaay2739	14.3	32
60	Variability and reliability of effective connectivity within the core default mode network: A multi-site longitudinal spectral DCM study. <i>NeuroImage</i> , 2018 , 183, 757-768	7.9	31
59	Inferring neural signalling directionality from undirected structural connectomes. <i>Nature Communications</i> , 2019 , 10, 4289	17.4	27
58	Hierarchical Dynamic Causal Modeling of Resting-State fMRI Reveals Longitudinal Changes in Effective Connectivity in the Motor System after Thalamotomy for Essential Tremor. <i>Frontiers in Neurology</i> , 2017 , 8, 346	4.1	27
57	Topological length of white matter connections predicts their rate of atrophy in premanifest Huntington's disease. <i>JCI Insight</i> , 2017 , 2,	9.9	27
56	Dynamic causal modelling of COVID-19. <i>Wellcome Open Research</i> , 2020 , 5, 89	4.8	23
55	Dynamic causal modelling of fluctuating connectivity in resting-state EEG. <i>NeuroImage</i> , 2019 , 189, 476-484	7.9	22
54	Dynamic causal modelling of COVID-19. <i>Wellcome Open Research</i> , 2020 , 5, 89	4.8	22
53	White matter predicts functional connectivity in premanifest Huntington's disease. <i>Annals of Clinical and Translational Neurology</i> , 2017 , 4, 106-118	5.3	21
52	Second waves, social distancing, and the spread of COVID-19 across America. <i>Wellcome Open Research</i> , 2020 , 5, 103	4.8	21

51	Transdiagnostic variations in impulsivity and compulsivity in obsessive-compulsive disorder and gambling disorder correlate with effective connectivity in cortical-striatal-thalamic-cortical circuits. <i>NeuroImage</i> , 2019 , 202, 116070	7.9	19
50	Convergence of cortical types and functional motifs in the human mesiotemporal lobe. <i>ELife</i> , 2020 , 9,	8.9	19
49	Parcels and particles: Markov blankets in the brain. <i>Network Neuroscience</i> , 2021 , 5, 211-251	5.6	19
48	Testing a longitudinal compensation model in premanifest Huntington's disease. <i>Brain</i> , 2018 , 141, 2156-2166	21.66	19
47	Structural and functional brain network correlates of depressive symptoms in premanifest Huntington's disease. <i>Human Brain Mapping</i> , 2017 , 38, 2819-2829	5.9	17
46	Bayesian fusion and multimodal DCM for EEG and fMRI. <i>NeuroImage</i> , 2020 , 211, 116595	7.9	16
45	Mapping Smoking Addiction Using Effective Connectivity Analysis. <i>Frontiers in Human Neuroscience</i> , 2016 , 10, 195	3.3	15
44	Using resting-state DMN effective connectivity to characterize the neurofunctional architecture of empathy. <i>Scientific Reports</i> , 2019 , 9, 2603	4.9	11
43	A validation of dynamic causal modelling for 7T fMRI. <i>Journal of Neuroscience Methods</i> , 2018 , 305, 36-45	3	10
42	The effect of global signal regression on DCM estimates of noise and effective connectivity from resting state fMRI. <i>NeuroImage</i> , 2020 , 208, 116435	7.9	9
41	Testing and tracking in the UK: A dynamic causal modelling study. <i>Wellcome Open Research</i> , 2020 , 5, 144	4.8	8
40	Tight upper bounds on average detection probability in cooperative relay networks with selection combiner. <i>Transactions on Emerging Telecommunications Technologies</i> , 2015 , 26, 340-345	1.9	7
39	Analysis of Energy Detector in Cooperative Relay Networks for Cognitive Radios 2013 ,		6
38	Secrecy sum-rates for multi-user MIMO linear precoding 2011 ,		6
37	Second waves, social distancing, and the spread of COVID-19 across America. <i>Wellcome Open Research</i> , 2020 , 5, 103	4.8	5
36	Brain Injury and Dementia in Pakistan: Current Perspectives. <i>Frontiers in Neurology</i> , 2020 , 11, 299	4.1	4
35	Sum Rates and User Scheduling for Multi-User MIMO Vector Perturbation Precoding 2009 ,		4
34	A Generative Model to Synthesize EEG Data for Epileptic Seizure Prediction. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2021 , 29, 2322-2332	4.8	4

33	Effective immunity and second waves: a dynamic causal modelling study. <i>Wellcome Open Research</i> , 2020 , 5, 204	4.8	4
32	Stability and sensitivity of structural connectomes: effect of thresholding and filtering and demonstration in neurodegeneration		4
31	The neurophysiological architecture of semantic dementia: spectral dynamic causal modelling of a neurodegenerative proteinopathy. <i>Scientific Reports</i> , 2020 , 10, 16321	4.9	4
30	Asymmetric high-order anatomical brain connectivity sculpts effective connectivity. <i>Network Neuroscience</i> , 2020 , 4, 871-890	5.6	3
29	Effective immunity and second waves: a dynamic causal modelling study. <i>Wellcome Open Research</i> , 2020 , 5, 204	4.8	3
28	Convergence of cortical types and functional motifs in the mesiotemporal lobe		3
27	Transdiagnostic variations in impulsivity and compulsivity in obsessive-compulsive disorder and gambling disorder correlate with effective connectivity in cortical-striatal-thalamic-cortical circuits		3
26	Testing and tracking in the UK: A dynamic causal modelling study. <i>Wellcome Open Research</i> , 2020 , 5, 144	4.8	3
25	In vitro neurons learn and exhibit sentience when embodied in a simulated game-world		3
24	A mathematical perspective on edge-centric brain functional connectivity.. <i>Nature Communications</i> , 2022 , 13, 2693	17.4	3
23	User scheduling for multi-antenna downland channels with limited feedback. <i>Transactions on Emerging Telecommunications Technologies</i> , 2012 , 23, 36-49	1.9	2
22	26th Annual Computational Neuroscience Meeting (CNS*2017): Part 3. <i>BMC Neuroscience</i> , 2017 , 18,	3.2	2
21	Imbalanced basal ganglia connectivity is associated with motor deficits and apathy in Huntington's disease. <i>Brain</i> , 2021 ,	11.2	2
20	Neural network modelling reveals changes in directional connectivity between cortical and hypothalamic regions in obesity		2
19	Inferring neural signalling directionality from undirected structural connectomes		2
18	Second waves, social distancing, and the spread of COVID-19 across the USA. <i>Wellcome Open Research</i> , 2020 , 5, 103	4.8	2
17	Spectral dynamic causal modelling in healthy women reveals brain connectivity changes along the menstrual cycle. <i>Communications Biology</i> , 2021 , 4, 954	6.7	2
16	Sum rates for regularized multi-user MIMO vector perturbation precoding 2011 ,		1

15	Progressive modulation of resting-state brain activity during neurofeedback of positive-social emotion regulation networks. <i>Scientific Reports</i> , 2021 , 11, 23363	4.9	1
14	Volitional modulation of higher-order visual cortex alters human perception. <i>NeuroImage</i> , 2019 , 188, 291-301	7.9	1
13	Neural network modelling reveals changes in directional connectivity between cortical and hypothalamic regions with increased BMI. <i>International Journal of Obesity</i> , 2021 , 45, 2447-2454	5.5	1
12	Blue-Light Therapy Strengthens Resting-State Effective Connectivity within Default-Mode Network after Mild TBI. <i>Journal of Central Nervous System Disease</i> , 2021 , 13, 11795735211015076	4.4	1
11	Identification of community structure-based brain states and transitions using functional MRI. <i>NeuroImage</i> , 2021 , 244, 118635	7.9	0
10	Tracking Huntington's Disease Progression Using Motor, Functional, Cognitive, and Imaging Markers. <i>Movement Disorders</i> , 2021 , 36, 2282-2292	7	0
9	Reduced Precision Underwrites Ego Dissolution and Therapeutic Outcomes Under Psychedelics.. <i>Frontiers in Neuroscience</i> , 2022 , 16, 827400	5.1	0
8	Effective connectivity during face processing in major depression - distinguishing markers of pathology, risk, and resilience.. <i>Psychological Medicine</i> , 2022 , 1-13	6.9	0
7	D20 Operationalising compensation over time in neurodegenerative disease. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2016 , 87, A41.2-A41	5.5	
6	D22 Compensation in preclinical huntington disease: evidence from the track-on HD study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2016 , 87, A42.2-A42	5.5	
5	1609 Length of white matter connexions determine their rate of atrophy in premanifest huntington disease. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2017 , 88, A9.2-A9	5.5	
4	Sum rates for multi-user MIMO vector perturbation precoding with regularization. <i>Physical Communication</i> , 2014 , 13, 187-196	2.2	
3	Computational Modelling of Pathogenic Protein Behaviour-Governing Mechanisms in the Brain. <i>Lecture Notes in Computer Science</i> , 2018 , 532-539	0.9	
2	D18 Brain network breakdown and pathophysiological correlates in huntington disease. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2016 , 87, A40.2-A40	5.5	
1	D21 Longitudinal compensation in the cognitive network in huntington disease. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2016 , 87, A42.1-A42	5.5	