S M Hadi Hosseini

List of Publications by Year
in descending order

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51 papers	2,253 citations	257450 24 h-index	223800 46 g-index
52 all docs	52 docs citations	52 times ranked	3184 citing authors

#	Article	IF	Citations
1	GAT: A Graph-Theoretical Analysis Toolbox for Analyzing Between-Group Differences in Large-Scale Structural and Functional Brain Networks. PLoS ONE, 2012, 7, e40709.	2.5	320
2	Cognitive Training for Improving Executive Function in Chemotherapy-Treated Breast Cancer Survivors. Clinical Breast Cancer, 2013, 13, 299-306.	2.4	237
3	Altered resting state functional brain network topology in chemotherapy-treated breast cancer survivors. Neurobiology of Disease, 2012, 48, 329-338.	4.4	150
4	Anomalous Gray Matter Structural Networks in Major Depressive Disorder. Biological Psychiatry, 2013, 74, 777-785.	1.3	135
5	Sex differences in neural and behavioral signatures of cooperation revealed by fNIRS hyperscanning. Scientific Reports, 2016, 6, 26492.	3.3	129
6	Inter-brain synchrony in mother-child dyads during cooperation: An fNIRS hyperscanning study. Neuropsychologia, 2019, 124, 117-124.	1.6	108
7	Default mode network connectivity distinguishes chemotherapy-treated breast cancer survivors from controls. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 11600-11605.	7.1	106
8	Topological properties of large-scale structural brain networks in children with familial risk for reading difficulties. NeuroImage, 2013, 71, 260-274.	4.2	91
9	Altered small-world properties of gray matter networks in breast cancer. BMC Neurology, 2012, 12, 28.	1.8	81
10	Changes in Brain Structural Networks and Cognitive Functions in Testicular Cancer Patients Receiving Cisplatin-Based Chemotherapy. Journal of the National Cancer Institute, 2017, 109, .	6.3	66
11	Task-based neurofeedback training: A novel approach toward training executive functions. NeuroImage, 2016, 134, 153-159.	4.2	57
12	Neural signature of developmental coordination disorder in the structural connectome independent of comorbid autism. Developmental Science, 2016, 19, 599-612.	2.4	52
13	Comparing connectivity pattern and small-world organization between structural correlation and resting-state networks in healthy adults. NeuroImage, 2013, 78, 402-414.	4.2	51
14	Altered resting state functional connectivity in young survivors of acute lymphoblastic leukemia. Pediatric Blood and Cancer, 2014, 61, 1295-1299.	1.5	43
15	Estimating individual contribution from group-based structural correlation networks. NeuroImage, 2015, 120, 274-284.	4.2	40
16	Aging and decision making under uncertainty: Behavioral and neural evidence for the preservation of decision making in the absence of learning in old age. NeuroImage, 2010, 52, 1514-1520.	4.2	39
17	Influence of Choice of Null Network on Small-World Parameters of Structural Correlation Networks. PLoS ONE, 2013, 8, e67354.	2.5	37
18	Neural correlates of cognitive intervention in persons at risk of developing AlzheimerÃ¢â‚¬â„¢s disease. Frontiers in Aging Neuroscience, 2014, 6, 231.	3.4	37

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19	Neural, physiological, and behavioral correlates of visuomotor cognitive load. Scientific Reports, 2017, 7, 8866.	3.3	37
20	Compensatory Effort Parallels Midbrain Deactivation during Mental Fatigue: An fMRI Study. PLoS ONE, 2013, 8, e56606.	2.5	36
21	fNIRS measurement of cortical activation and functional connectivity during a visuospatial working memory task. PLoS ONE, 2018, 13, e0201486.	2.5	36
22	Multivariate Pattern Analysis of fMRI in Breast Cancer Survivors and Healthy Women. Journal of the International Neuropsychological Society, 2014, 20, 391-401.	1.8	34
23	Altered Brain Network Segregation in Fragile X Syndrome Revealed by Structural Connectomics. Cerebral Cortex, 2016, 27, bhw055.	2.9	31
24	Decoding what one likes or dislikes from single-trial fNIRS measurements. NeuroReport, 2011, 22, 269-273.	1.2	30
25	Mind over motor mapping: Driver response to changing vehicle dynamics. Human Brain Mapping, 2018, 39, 3915-3927.	3.6	24
26	Dynamics of the connectome in Huntington's disease: A longitudinal diffusion MRI study. NeuroImage: Clinical, 2015, 9, 32-43.	2.7	23
27	Altered Integration of Structural Covariance Networks in Young Children With Type 1 Diabetes. Human Brain Mapping, 2016, 37, 4034-4046.	3.6	23
28	Accelerated intermittent theta burst stimulation in major depression induces decreases in modularity: A connectome analysis. Network Neuroscience, 2019, 3, 157-172.	2.6	20
29	A Simplified Method for Three-Dimensional Optical Imaging and Measurement of Patients with Chest Wall Deformities. Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A, 2019, 29, 267-271.	1.0	19
30	A low-cost, wearable, do-it-yourself functional near-infrared spectroscopy (DIY-fNIRS) headband. HardwareX, 2021, 10, e00204.	2.2	19
31	Functional near-infrared spectroscopy in developmental psychiatry: a review of attention deficit hyperactivity disorder. European Archives of Psychiatry and Clinical Neuroscience, 2022, 272, 273-290.	3.2	18
32	Focal white matter disruptions along the cingulum tract explain cognitive decline in amnestic mild cognitive impairment (aMCI). Scientific Reports, 2020, 10, 10213.	3.3	14
33	Brain circuitry, behavior, and cognition: A randomized placebo-controlled trial of donepezil in fragile X syndrome. Journal of Psychopharmacology, 2019, 33, 975-985.	4.0	12
34	Structural Brain Connectivity and the Sit-to-Stand-to-Sit Performance in Individuals with Nonspecific Low Back Pain: A Diffusion Magnetic Resonance Imaging-Based Network Analysis. Brain Connectivity, 2016, 6, 795-803.	1.7	11
35	Neural bases of goal-directed implicit learning. NeuroImage, 2009, 48, 303-310.	4.2	10
36	Combining Static/Dynamic Fault Trees and Event Trees Using Bayesian Networks. Lecture Notes in Computer Science, 2007, , 93-99.	1.3	9

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37	The Effect of Baseline Performance and Age on Cognitive Training Improvements in Older Adults: A Qualitative Review. journal of prevention of Alzheimer's disease, The, 2021, 8, 1-10.	2.7	9
38	Neurite Imaging Reveals Widespread Alterations in Gray and White Matter Neurite Morphology in Healthy Aging and Amnestic Mild Cognitive Impairment. Cerebral Cortex, 2021, 31, 5570-5578.	2.9	8
39	X-Chromosome Insufficiency Alters Receptive Fields across the Human Early Visual Cortex. Journal of Neuroscience, 2019, 39, 8079-8088.	3.6	7
40	Evaluation of smartphone interactions on driversâ€™ brain function and vehicle control in an immersive simulated environment. Scientific Reports, 2021, 11, 1998.	3.3	7
41	Cognitive impairment and associations with structural brain networks, endocrine status, and risk genotypes in patients with newly diagnosed prostate cancer referred to androgenâ€deprivation therapy. Cancer, 2021, 127, 1495-1506.	4.1	6
42	Androgen deprivation therapy and cognitive declineâ€”associations with brain connectomes, endocrine status, and risk genotypes. Prostate Cancer and Prostatic Diseases, 2022, 25, 208-218.	3.9	6
43	Cognitive impairment and associations with structural brain networks, endocrine status, and risk genotypes in newly orchiectomized testicular cancer patients. Brain Imaging and Behavior, 2022, 16, 199-210.	2.1	5
44	Quantitative measurement of macromolecular tissue properties in white and gray matter in healthy aging and amnestic MCI. NeuroImage, 2021, 237, 118161.	4.2	3
45	The Effect of Body Posture on Resting-State Functional Connectivity. Brain Connectivity, 2022, 12, 275-284.	1.7	3
46	Glucocorticoid regulation and neuroanatomy in fragile x syndrome. Journal of Psychiatric Research, 2021, 134, 81-88.	3.1	1
47	A lightweight, portable, and low-cost near infrared spectroscopy headband for in-field neuro-monitoring (Conference Presentation). , 2020, , .		1
48	638. A Novel fNIRS-Based Neurocognitive Intervention for Targeted Enhancement of Executive Function Network in ADHD. Biological Psychiatry, 2017, 81, S258-S259.	1.3	0
49	739. Multivariate Investigation of Brain and Behavioral Outcomes in Individuals with FMR1 Full Mutation. Biological Psychiatry, 2017, 81, S299-S300.	1.3	0
50	Quantitative MRI as a Sensitive Measure for Detecting Macromolecular Changes in White Matter in Normal Aging and Amnestic MCI. Biological Psychiatry, 2020, 87, S435.	1.3	0
51	Analyzing Control-Display Movement Compatibility: A Neuroimaging Study. Lecture Notes in Computer Science, 2009, , 187-196.	1.3	0