

Hang Joon Jo

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

4,222
citations

236925

25
h-index

149698

56
g-index

62
all docs

62
docs citations

62
times ranked

6566
citing authors

#	ARTICLE	IF	CITATIONS
1	Trouble at Rest: How Correlation Patterns and Group Differences Become Distorted After Global Signal Regression. <i>Brain Connectivity</i> , 2012, 2, 25-32.	1.7	805
2	Mapping sources of correlation in resting state fMRI, with artifact detection and removal. <i>NeuroImage</i> , 2010, 52, 571-582.	4.2	481
3	Two distinct forms of functional lateralization in the human brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E3435-44.	7.1	315
4	Effective Preprocessing Procedures Virtually Eliminate Distance-Dependent Motion Artifacts in Resting State fMRI. <i>Journal of Applied Mathematics</i> , 2013, 2013, 1-9.	0.9	260
5	The perils of global signal regression for group comparisons: a case study of Autism Spectrum Disorders. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 356.	2.0	260
6	Defining functional SMA and pre-SMA subregions in human MFC using resting state fMRI: Functional connectivity-based parcellation method. <i>NeuroImage</i> , 2010, 49, 2375-2386.	4.2	252
7	Neural correlates of cognitive inflexibility during task-switching in obsessive-compulsive disorder. <i>Brain</i> , 2007, 131, 155-164.	7.6	221
8	Correcting Brain-Wide Correlation Differences in Resting-State fMRI. <i>Brain Connectivity</i> , 2013, 3, 339-352.	1.7	183
9	The effect of meditation on brain structure: cortical thickness mapping and diffusion tensor imaging. <i>Social Cognitive and Affective Neuroscience</i> , 2013, 8, 27-33.	3.0	171
10	Spatial Distribution of Deep Sulcal Landmarks and Hemispherical Asymmetry on the Cortical Surface. <i>Cerebral Cortex</i> , 2010, 20, 602-611.	2.9	120
11	Integrating Brain Implants With Local and Distributed Computing Devices: A Next Generation Epilepsy Management System. <i>IEEE Journal of Translational Engineering in Health and Medicine</i> , 2018, 6, 1-12.	3.7	92
12	Spatial accuracy of fMRI activation influenced by volume- and surface-based spatial smoothing techniques. <i>NeuroImage</i> , 2007, 34, 550-564.	4.2	80
13	Multiclass Classification for the Differential Diagnosis on the ADHD Subtypes Using Recursive Feature Elimination and Hierarchical Extreme Learning Machine: Structural MRI Study. <i>PLoS ONE</i> , 2016, 11, e0160697.	2.5	78
14	Multimodal Discrimination of Schizophrenia Using Hybrid Weighted Feature Concatenation of Brain Functional Connectivity and Anatomical Features with an Extreme Learning Machine. <i>Frontiers in Neuroinformatics</i> , 2017, 11, 59.	2.5	58
15	Functional alteration patterns of default mode networks: comparisons of normal aging, amnesic mild cognitive impairment and Alzheimer's disease. <i>European Journal of Neuroscience</i> , 2013, 37, 1916-1924.	2.6	57
16	Functional Circuitry Effect of Ventral Tegmental Area Deep Brain Stimulation: Imaging and Neurochemical Evidence of Mesocortical and Mesolimbic Pathway Modulation. <i>Frontiers in Neuroscience</i> , 2017, 11, 104.	2.8	54
17	Exploring brain functional connectivity in rest and sleep states: a fNIRS study. <i>Scientific Reports</i> , 2018, 8, 16144.	3.3	45
18	Altered Amygdala Resting-State Functional Connectivity and Hemispheric Asymmetry in Patients With Social Anxiety Disorder. <i>Frontiers in Psychiatry</i> , 2018, 9, 164.	2.6	45

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19	Multi-modal, Multi-measure, and Multi-class Discrimination of ADHD with Hierarchical Feature Extraction and Extreme Learning Machine Using Structural and Functional Brain MRI. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 157.	2.0	44
20	Increased resting-state functional connectivity between the anterior cingulate cortex and the precuneus in panic disorder. <i>Journal of Affective Disorders</i> , 2013, 150, 1091-1095.	4.1	42
21	Assessment of Functional Characteristics of Amnesic Mild Cognitive Impairment and Alzheimer's Disease Using Various Methods of Resting-State fMRI Analysis. <i>BioMed Research International</i> , 2015, 2015, 1-12.	1.9	41
22	Dopamine Release in the Nonhuman Primate Caudate and Putamen Depends upon Site of Stimulation in the Subthalamic Nucleus. <i>Journal of Neuroscience</i> , 2016, 36, 6022-6029.	3.6	38
23	Functional correlates of the therapeutic and adverse effects evoked by thalamic stimulation for essential tremor. <i>Brain</i> , 2016, 139, 2198-2210.	7.6	38
24	Artificial shifting of fMRI activation localized by volume- and surface-based analyses. <i>NeuroImage</i> , 2008, 40, 1077-1089.	4.2	31
25	Relationship Between Seizure Frequency and Functional Abnormalities in Limbic Network of Medial Temporal Lobe Epilepsy. <i>Frontiers in Neurology</i> , 2019, 10, 488.	2.4	31
26	Diminished Quality of Life and Increased Brain Functional Connectivity in Patients with Hypothyroidism After Total Thyroidectomy. <i>Thyroid</i> , 2016, 26, 641-649.	4.5	27
27	The Relationship Between Dopamine Neurotransmitter Dynamics and the Blood-Oxygen-Level-Dependent (BOLD) Signal: A Review of Pharmacological Functional Magnetic Resonance Imaging. <i>Frontiers in Neuroscience</i> , 2018, 12, 238.	2.8	26
28	Quantifying Agreement between Anatomical and Functional Interhemispheric Correspondences in the Resting Brain. <i>PLoS ONE</i> , 2012, 7, e48847.	2.5	25
29	Aberrant structural-functional coupling in adult cannabis users. <i>Human Brain Mapping</i> , 2019, 40, 252-261.	3.6	24
30	Cortical inhibitory markers of lifetime suicidal behavior in depressed adolescents. <i>Neuropsychopharmacology</i> , 2018, 43, 1822-1831.	5.4	23
31	Semi-supervised training data selection improves seizure forecasting in canines with epilepsy. <i>Biomedical Signal Processing and Control</i> , 2020, 57, 101743.	5.7	23
32	Correction of metal-induced susceptibility artifacts for functional MRI during deep brain stimulation. <i>NeuroImage</i> , 2017, 158, 26-36.	4.2	22
33	Global network modulation during thalamic stimulation for Tourette syndrome. <i>NeuroImage: Clinical</i> , 2018, 18, 502-509.	2.7	21
34	Classification of femur fracture in pelvic X-ray images using meta-learned deep neural network. <i>Scientific Reports</i> , 2020, 10, 13694.	3.3	18
35	Functional organization of the human posterior cingulate cortex, revealed by multiple connectivity-based parcellation methods. <i>Human Brain Mapping</i> , 2017, 38, 2808-2818.	3.6	17
36	Nuclei-specific thalamic connectivity predicts seizure frequency in drug-resistant medial temporal lobe epilepsy. <i>NeuroImage: Clinical</i> , 2019, 21, 101671.	2.7	17

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37	The neural basis of a deficit in abstract thinking in patients with schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2015, 234, 66-73.	1.8	13
38	Longitudinal Changes in Resting-State Brain Activity in a Capsular Infarct Model. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 11-19.	4.3	11
39	Neural evidence for persistent attentional bias to threats in patients with social anxiety disorder. <i>Social Cognitive and Affective Neuroscience</i> , 2018, 13, 1327-1336.	3.0	11
40	Resting-state functional connectivity modulates the BOLD activation induced by nucleus accumbens stimulation in the swine brain. <i>Brain and Behavior</i> , 2019, 9, e01431.	2.2	11
41	Taq1A polymorphism in the dopamine D2 receptor gene predicts brain metabolic response to aripiprazole in healthy male volunteers. <i>Pharmacogenetics and Genomics</i> , 2008, 18, 91-97.	1.5	10
42	Surface-based functional magnetic resonance imaging analysis of partial brain echo planar imaging data at 1.5 T. <i>Magnetic Resonance Imaging</i> , 2009, 27, 691-700.	1.8	9
43	Cortical network dynamics during source memory retrieval: Current density imaging with individual MRI. <i>Human Brain Mapping</i> , 2009, 30, 78-91.	3.6	7
44	Mapping BOLD Activation by Pharmacologically Evoked Tremor in Swine. <i>Frontiers in Neuroscience</i> , 2019, 13, 985.	2.8	7
45	The effect of spiral trajectory correction on pseudo-continuous arterial spin labeling with high-performance gradients on a compact 3T scanner. <i>Magnetic Resonance in Medicine</i> , 2020, 84, 192-205.	3.0	7
46	ADHD subgroup discrimination with global connectivity features using hierarchical extreme learning machine: Resting-state fMRI study. , 2017, , .		6
47	The benefit of high-performance gradients on echo planar imaging for BOLD-based resting-state functional MRI. <i>Physics in Medicine and Biology</i> , 2020, 65, 235024.	3.0	6
48	The Role of Prostaglandin E1 as a Pain Mediator through Facilitation of Hyperpolarization-Activated Cyclic Nucleotide-Gated Channel 2 via the EP2 Receptor in Trigeminal Ganglion Neurons of Mice. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13534.	4.1	6
49	Fast detection and reduction of local transient artifacts in resting-state fMRI. <i>Computers in Biology and Medicine</i> , 2020, 120, 103742.	7.0	5
50	Brain functions and cognition on transient insulin deprivation in type 1 diabetes. <i>JCI Insight</i> , 2021, 6, .	5.0	5
51	Regional thinning of cerebral cortical thickness in first-episode and chronic schizophrenia. <i>International Journal of Imaging Systems and Technology</i> , 2012, 22, 73-80.	4.1	3
52	Right Hemisphere Lateralization in Neural Connectivity Within Fronto-Parietal Networks in Non-human Primates During a Visual Reaching Task. <i>Frontiers in Behavioral Neuroscience</i> , 2018, 12, 186.	2.0	3
53	Symptom-specific differential motor network modulation by deep brain stimulation in Parkinson's disease. <i>Journal of Neurosurgery</i> , 2021, 135, 1771-1779.	1.6	3
54	A pilot study of GABAB correlates with resting-state functional connectivity in five depressed female adolescents. <i>Psychiatry Research - Neuroimaging</i> , 2018, 279, 60-63.	1.8	2

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55	Multivariate pattern classification on BOLD activation pattern induced by deep brain stimulation in motor, associative, and limbic brain networks. Scientific Reports, 2020, 10, 7528.	3.3	2
56	Volume- and Surface-Based fMRI Analysis; Geometric Influence of Smoothing Kernel. , 2007, , .		0
57	Applied Mathematics in Biomedical Sciences and Engineering 2014. Journal of Applied Mathematics, 2014, 2014, 1-2.	0.9	0
58	Differential diagnosis and comorbid physical illness of schizophrenia. Journal of the Korean Medical Association, 2021, 64, 551-558.	0.3	0