

# 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	Brain functions and cognition on transient insulin deprivation in type 1 diabetes. JCI Insight, 2021, 6, .	5.0	5
2	Symptom-specific differential motor network modulation by deep brain stimulation in Parkinsonâ€™s disease. Journal of Neurosurgery, 2021, 135, 1771-1779.	1.6	3
3	Differential diagnosis and comorbid physical illness of schizophrenia. Journal of the Korean Medical Association, 2021, 64, 551-558.	0.3	0
4	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. International Journal of Molecular Sciences, 2021, 22, 13534.	4.1	6
5	The effect of spiral trajectory correction on pseudoâ€™continuous arterial spin labeling with highâ€™performance gradients on a compact 3T scanner. Magnetic Resonance in Medicine, 2020, 84, 192-205.	3.0	7
6	Semi-supervised training data selection improves seizure forecasting in canines with epilepsy. Biomedical Signal Processing and Control, 2020, 57, 101743.	5.7	23
7	Classification of femur fracture in pelvic X-ray images using meta-learned deep neural network. Scientific Reports, 2020, 10, 13694.	3.3	18
8	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
9	Fast detection and reduction of local transient artifacts in resting-state fMRI. Computers in Biology and Medicine, 2020, 120, 103742.	7.0	5
10	The benefit of high-performance gradients on echo planar imaging for BOLD-based resting-state functional MRI. Physics in Medicine and Biology, 2020, 65, 235024.	3.0	6
11	Mapping BOLD Activation by Pharmacologically Evoked Tremor in Swine. Frontiers in Neuroscience, 2019, 13, 985.	2.8	7
12	Restingâ€™state functional connectivity modulates the BOLD activation induced by nucleus accumbens stimulation in the swine brain. Brain and Behavior, 2019, 9, e01431.	2.2	11
13	Relationship Between Seizure Frequency and Functional Abnormalities in Limbic Network of Medial Temporal Lobe Epilepsy. Frontiers in Neurology, 2019, 10, 488.	2.4	31
14	Aberrant structuralâ€™functional coupling in adult cannabis users. Human Brain Mapping, 2019, 40, 252-261.	3.6	24
15	Nuclei-specific thalamic connectivity predicts seizure frequency in drug-resistant medial temporal lobe epilepsy. NeuroImage: Clinical, 2019, 21, 101671.	2.7	17
16	Global network modulation during thalamic stimulation for Tourette syndrome. NeuroImage: Clinical, 2018, 18, 502-509.	2.7	21
17	Cortical inhibitory markers of lifetime suicidal behavior in depressed adolescents. Neuropsychopharmacology, 2018, 43, 1822-1831.	5.4	23
18	Neural evidence for persistent attentional bias to threats in patients with social anxiety disorder. Social Cognitive and Affective Neuroscience, 2018, 13, 1327-1336.	3.0	11

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19	Integrating Brain Implants With Local and Distributed Computing Devices: A Next Generation Epilepsy Management System. IEEE Journal of Translational Engineering in Health and Medicine, 2018, 6, 1-12.	3.7	92
20	Exploring brain functional connectivity in rest and sleep states: a fNIRS study. Scientific Reports, 2018, 8, 16144.	3.3	45
21	Right Hemisphere Lateralization in Neural Connectivity Within Fronto-Parietal Networks in Non-human Primates During a Visual Reaching Task. Frontiers in Behavioral Neuroscience, 2018, 12, 186.	2.0	3
22	A pilot study of GABAB correlates with resting-state functional connectivity in five depressed female adolescents. Psychiatry Research - Neuroimaging, 2018, 279, 60-63.	1.8	2
23	Altered Amygdala Resting-State Functional Connectivity and Hemispheric Asymmetry in Patients With Social Anxiety Disorder. Frontiers in Psychiatry, 2018, 9, 164.	2.6	45
24	The Relationship Between Dopamine Neurotransmitter Dynamics and the Blood-Oxygen-Level-Dependent (BOLD) Signal: A Review of Pharmacological Functional Magnetic Resonance Imaging. Frontiers in Neuroscience, 2018, 12, 238.	2.8	26
25	Functional organization of the human posterior cingulate cortex, revealed by multiple connectivity-based parcellation methods. Human Brain Mapping, 2017, 38, 2808-2818.	3.6	17
26	ADHD subgroup discrimination with global connectivity features using hierarchical extreme learning machine: Resting-state fMRI study. , 2017, , .		6
27	Correction of metal-induced susceptibility artifacts for functional MRI during deep brain stimulation. NeuroImage, 2017, 158, 26-36.	4.2	22
28	Multi-modal, Multi-measure, and Multi-class Discrimination of ADHD with Hierarchical Feature Extraction and Extreme Learning Machine Using Structural and Functional Brain MRI. Frontiers in Human Neuroscience, 2017, 11, 157.	2.0	44
29	Multimodal Discrimination of Schizophrenia Using Hybrid Weighted Feature Concatenation of Brain Functional Connectivity and Anatomical Features with an Extreme Learning Machine. Frontiers in Neuroinformatics, 2017, 11, 59.	2.5	58
30	Functional Circuitry Effect of Ventral Tegmental Area Deep Brain Stimulation: Imaging and Neurochemical Evidence of Mesocortical and Mesolimbic Pathway Modulation. Frontiers in Neuroscience, 2017, 11, 104.	2.8	54
31	Multiclass Classification for the Differential Diagnosis on the ADHD Subtypes Using Recursive Feature Elimination and Hierarchical Extreme Learning Machine: Structural MRI Study. PLoS ONE, 2016, 11, e0160697.	2.5	78
32	Dopamine Release in the Nonhuman Primate Caudate and Putamen Depends upon Site of Stimulation in the Subthalamic Nucleus. Journal of Neuroscience, 2016, 36, 6022-6029.	3.6	38
33	Functional correlates of the therapeutic and adverse effects evoked by thalamic stimulation for essential tremor. Brain, 2016, 139, 2198-2210.	7.6	38
34	Diminished Quality of Life and Increased Brain Functional Connectivity in Patients with Hypothyroidism After Total Thyroidectomy. Thyroid, 2016, 26, 641-649.	4.5	27
35	Assessment of Functional Characteristics of Amnesic Mild Cognitive Impairment and Alzheimer's Disease Using Various Methods of Resting-State fMRI Analysis. BioMed Research International, 2015, 2015, 1-12.	1.9	41
36	The neural basis of a deficit in abstract thinking in patients with schizophrenia. Psychiatry Research - Neuroimaging, 2015, 234, 66-73.	1.8	13

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37	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
38	Applied Mathematics in Biomedical Sciences and Engineering 2014. <i>Journal of Applied Mathematics</i> , 2014, 2014, 1-2.	0.9	0
39	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
40	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
41	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
42	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
43	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
44	Correcting Brain-Wide Correlation Differences in Resting-State FMRI. <i>Brain Connectivity</i> , 2013, 3, 339-352.	1.7	183
45	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
46	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
47	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
48	Quantifying Agreement between Anatomical and Functional Interhemispheric Correspondences in the Resting Brain. <i>PLoS ONE</i> , 2012, 7, e48847.	2.5	25
49	Spatial Distribution of Deep Sulcal Landmarks and Hemispherical Asymmetry on the Cortical Surface. <i>Cerebral Cortex</i> , 2010, 20, 602-611.	2.9	120
50	Mapping sources of correlation in resting state FMRI, with artifact detection and removal. <i>NeuroImage</i> , 2010, 52, 571-582.	4.2	481
51	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
52	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
53	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
54	Artificial shifting of fMRI activation localized by volume- and surface-based analyses. <i>NeuroImage</i> , 2008, 40, 1077-1089.	4.2	31

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55	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
56	Neural correlates of cognitive inflexibility during task-switching in obsessive-compulsive disorder. <i>Brain</i> , 2007, 131, 155-164.	7.6	221
57	Spatial accuracy of fMRI activation influenced by volume- and surface-based spatial smoothing techniques. <i>NeuroImage</i> , 2007, 34, 550-564.	4.2	80
58	Volume- and Surface-Based fMRI Analysis; Geometric Influence of Smoothing Kernel. , 2007, , .		0