

Jee Hoon Roh

List of Publications by Year in descending order

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Version: 2024-02-01

98
papers

4,282
citations

279798

23
h-index

114465

63
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115
all docs

115
docs citations

115
times ranked

7354
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of White Matter Abnormalities in the Relationship Between Microbleed Burden and Cognitive Impairment in Cerebral Amyloid Angiopathy. <i>Journal of Alzheimer's Disease</i> , 2022, 86, 667-678.	2.6	3
2	¹⁸ F-THK5351 PET Positivity and Longitudinal Changes in Cognitive Function in ¹² I-Amyloid-Negative Amnesic Mild Cognitive Impairment. <i>Yonsei Medical Journal</i> , 2022, 63, 259.	2.2	5
3	Survival in Korean Patients with Frontotemporal Dementia Syndrome: Association with Behavioral Features and Parkinsonism. <i>Journal of Clinical Medicine</i> , 2022, 11, 2260.	2.4	0
4	[¹⁸ F]THK-5351 PET Patterns in Patients With Alzheimer's Disease and Negative Amyloid PET		

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19	Differences in gray and white matter 18F-THK5351 uptake between behavioral-variant frontotemporal dementia and other dementias. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 357-366.	6.4	19
20	The First Generation of iPSC Line from a Korean Alzheimer's Disease Patient Carrying APP-V715M Mutation Exhibits a Distinct Mitochondrial Dysfunction. <i>Experimental Neurobiology</i> , 2019, 28, 329-336.	1.6	6
21	Serum neurofilament dynamics predicts neurodegeneration and clinical progression in presymptomatic Alzheimer's disease. <i>Nature Medicine</i> , 2019, 25, 277-283.	30.7	610
22	Brain-State Extraction Algorithm Based on the State Transition (BEST): A Dynamic Functional Brain Network Analysis in fMRI Study. <i>Brain Topography</i> , 2019, 32, 897-913.	1.8	8
23	Comparative analyses of plasma amyloid- β^2 levels in heterogeneous and monomerized states by interdigitated microelectrode sensor system. <i>Science Advances</i> , 2019, 5, eaav1388.	10.3	34
24	Qualitative Comparison of Semantic Memory Impairment in Patients with Amnesic Mild Cognitive		

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37	Normalization of cortical thickness measurements across different T1 magnetic resonance imaging protocols by novel W-Score standardization. <i>NeuroImage</i> , 2017, 159, 224-235.	4.2	17
38	[P1â€“129]: PREDICTION MODEL OF TAU PROPAGATION IN AD SPECTRUM USING FUNCTIONAL NETWORK. <i>Alzheimer's and Dementia</i> , 2017, 13, P291.	0.8	0
39	Enhancing surface functionality of reduced graphene oxide biosensors by oxygen plasma treatment for Alzheimer's disease diagnosis. <i>Biosensors and Bioelectronics</i> , 2017, 92, 610-617.	10.1	70
40	[P2â€“361]: SURFACEâ€“BASED ANALYSIS OF SUBâ€“CORTICAL STRUCTURES IN TAU AND AMYLOID PET IMAGING: AN ALZHEIMER'S DISEASE STUDY. <i>Alzheimer's and Dementia</i> , 2017, 13, P762.	0.8	0
41	[P2â€“406]: IN VIVO BRAAK STAGING OF AMNESTIC MCI USING ¹⁸ Fâ€“THK5351 PET IMAGING. <i>Alzheimer's and Dementia</i> , 2017, 13, P786.	0.8	0
42	[P2â€“424]: PROTECTIVE EFFECTS OF EDUCATION ON THKâ€“5351 UPTAKES IN MILD COGNITIVE IMPAIRMENT WITH SUSPECTED NONâ€“ALZHEIMER PATHOLOGY. <i>Alzheimer's and Dementia</i> , 2017, 13, P798.	0.8	0
43	[P3â€“319]: MILD COGNITIVE IMPAIRMENT CLASSIFICATION USING DEEP LEARNING. <i>Alzheimer's and Dementia</i> , 2017, 13, P1070.	0.8	0
44	[P3â€“337]: THK5351 UPTAKES IN EARLY AND LATE STAGES OF AMNESTIC MILD COGNITIVE IMPAIRMENT. <i>Alzheimer's and Dementia</i> , 2017, 13, P1082.	0.8	0
45	[P3â€“383]: REGIONAL CANONICAL ASSOCIATION OF AMYLOIDâ€“BETA AND GLUCOSE METABOLISM SUGGESTIVE OF EARLY BRAIN DYSFUNCTIONS IN NORMAL ELDERLY WITH APOE ϵ 4 ALLELE. <i>Alzheimer's and Dementia</i> , 2017, 13, P1106.	0.8	0
46	[P3â€“430]: GASTROINTESTINAL MICROBIOME STATUS OF EARLY ONSET ALZHEIMER'S DISEASE (EOAD) AND FRONTOTEMPORAL LOBAR DEGENERATION (FTLD) SUBJECTS. <i>Alzheimer's and Dementia</i> , 2017, 13, P1132.	0.8	2
47	[P4â€“046]: PARTIAL VOLUME SUSCEPTIBILITY OF TAU PET: REGIONWISE ASSESSMENT AND COMPARISON WITH AMYLOID PET. <i>Alzheimer's and Dementia</i> , 2017, 13, P1274.	0.8	0
48	[P1â€“132]: IMPROVEMENT OF CORTICAL THICKNESS COMPATIBILITY BETWEEN DIFFERENT MRI T1 PROTOCOLS BY Wâ€“SCORE STANDARDIZATION. <i>Alzheimer's and Dementia</i> , 2017, 13, P292.	0.8	0
49	[P4â€“253]: QUANTITATIVE ANALYSIS AND CORRELATION WITH COGNITIVE FUNCTION OF Fâ€“18 THKâ€“5351 PET IN SUBJECTIVE MEMORY IMPAIRMENT, MILD COGNITIVE IMPAIRMENT, AND ALZHEIMER'S DISEASE. <i>Alzheimer's and Dementia</i> , 2017, 13, P1377.	0.8	0
50	[P1â€“454]: POSITIVE ASSOCIATION BETWEEN EDUCATION AND THKâ€“5351 UPTAKES IN PATIENTS WITH ALZHEIMER'S DISEASE. <i>Alzheimer's and Dementia</i> , 2017, 13, P460.	0.8	0
51	[O1â€“08â€“01]: PATTERNS OF REGIONAL TAU ACCUMULATION INDICATIVE OF THREE DIFFERENT TYPES OF ALZHEIMER'S DISEASE (AD): THK5351â€“PETâ€“BASED REPLICATION OF PATHOLOGYâ€“BASED AD CLASSIFICATION. <i>Alzheimer's and Dementia</i> , 2017, 13, P206.	0.8	0
52	Improved Diagnostic Accuracy of Alzheimer's Disease by Combining Regional Cortical Thickness and Default Mode Network Functional Connectivity: Validated in the Alzheimer's Disease Neuroimaging Initiative Set. <i>Korean Journal of Radiology</i> , 2017, 18, 983.	3.4	12
53	Human Herpes Virus 6 Encephalitis Following Bone Marrow Transplantation with Uncommon Magnetic Resonance Imaging Findings. <i>Dementia and Neurocognitive Disorders</i> , 2016, 15, 88.	1.4	4
54	P4â€“183: Regional Amyloid Burden and Lacunar Infarct in Pure Subcortical Vascular Cognitive Impairment. <i>Alzheimer's and Dementia</i> , 2016, 12, P1090.	0.8	0

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55	P4197: Clinical Implication of Amyloid β Accumulation in Occipital Lobes Using a [18F]Florbetaben PET. Alzheimer's and Dementia, 2016, 12, P1099.	0.8	0
56	O30206: Regional Comparison of Imaging Biomarkers in the Striatum Between Early Versus Late-Onset Alzheimer's Disease. Alzheimer's and Dementia, 2016, 12, P284.	0.8	0
57	White Matter Changes May Precede Gray Matter Loss in Elderly with Subjective Memory Impairment. Dementia and Geriatric Cognitive Disorders, 2016, 42, 227-235.	1.5	17
58	Prediction of Alzheimer's disease pathophysiology based on cortical thickness patterns. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2016, 2, 58-67.	2.4	58
59	The neural correlates of motor intentional disorders in patients with subcortical vascular cognitive impairment. Journal of Neurology, 2016, 263, 89-99.	3.6	6
60	P2-143: Prediction of Alzheimer's disease pathophysiology based on cortical thickness patterns. , 2015, 11, P541-P541.		0
61	A Consensus in Korea Regarding a Protocol to Reduce Preanalytical Sources of Variability in the Measurement of the Cerebrospinal Fluid Biomarkers of Alzheimer's Disease. Journal of Clinical		

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73	Cerebellar Atrophy in Patients with Subcortical-Type Vascular Cognitive Impairment. <i>Cerebellum</i> , 2013, 12, 35-42.	2.5	16
74	Translational profiling of hypocretin neurons identifies candidate molecules for sleep regulation. <i>Genes and Development</i> , 2013, 27, 565-578.	5.9	87
75	Circadian clock proteins regulate neuronal redox homeostasis and neurodegeneration. <i>Journal of Clinical Investigation</i> , 2013, 123, 5389-5400.	8.2	393
76	Disruption of the Sleep-Wake Cycle and Diurnal Fluctuation of β -Amyloid in Mice with Alzheimer's Disease Pathology. <i>Science Translational Medicine</i> , 2012, 4, 150ra122.	12.4	454
77	Cardiovascular Risk Factors Cause Cortical Thinning in Cognitively Impaired Patients. <i>Alzheimer Disease and Associated Disorders</i> , 2012, 26, 106-112.	1.3	36
78	Stealth Attack: Plaque-Specific Antibody Allows for Efficient $A\beta$ Removal without Side Effects. <i>Neuron</i> , 2012, 76, 859-861.	8.1	1
79	Cortical asymmetries in normal, mild cognitive impairment, and Alzheimer's disease. <i>Neurobiology of Aging</i> , 2012, 33, 1959-1966.	3.1	57
80	Graphabulation: A graphic form of confabulation. <i>Cortex</i> , 2012, 48, 356-359.	2.4	1
81	Neurochemical alterations of the entorhinal cortex in amnesic mild cognitive impairment (aMCI): A three-year follow-up study. <i>Archives of Gerontology and Geriatrics</i> , 2012, 54, 192-196.	3.0	9
82	Topography of cortical thinning areas associated with hippocampal atrophy (HA) in patients with Alzheimer's disease (AD). <i>Archives of Gerontology and Geriatrics</i> , 2012, 54, e122-e129.	3.0	10
83	Neuronal activity regulates the regional vulnerability to amyloid- β deposition. <i>Nature Neuroscience</i> , 2011, 14, 750-756.	14.8	744
84	Region and frequency specific changes of spectral power in Alzheimer's disease and mild cognitive impairment. <i>Clinical Neurophysiology</i> , 2011, 122, 2169-2176.	1.5	63
85	Volume reduction in subcortical regions according to severity of Alzheimer's disease. <i>Journal of Neurology</i> , 2011, 258, 1013-1020.	3.6	66
86	Cortical Thinning in Verbal, Visual, and Both Memory-predominant Mild Cognitive Impairment. <i>Alzheimer Disease and Associated Disorders</i> , 2011, 25, 242-249.	1.3	15
87	Teaching Neuro Images: Posterior cerebral artery susceptibility vessel sign on T2*-weighted gradient echo imaging. <i>Neurology</i> , 2011, 77, e25.	1.1	0
88	Atypical Spontaneous Intracranial Hypotension With a Head-Shaking Headache. <i>Headache</i> , 2010, 50, 1211-1214.	3.9	6
89	GLUCOSE METABOLISM IN PROGRESSIVE NONFLUENT APHASIA WITH AND WITHOUT PARKINSONISM. <i>Neurology</i> , 2010, 75, 1022-1024.	1.1	13
90	Spectral-based automatic labeling and refining of human cortical sulcal curves using expert-provided examples. <i>NeuroImage</i> , 2010, 52, 142-157.	4.2	29

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91	The relationship of pain and health-related quality of life in Korean patients with Parkinson's disease. <i>Acta Neurologica Scandinavica</i> , 2009, 119, 397-403.	2.1	43
92	Cortical Laminar Necrosis Caused by Rapidly Corrected Hyponatremia. <i>Journal of Neuroimaging</i> , 2009, 19, 185-187.	2.0	17
93	Ultrasonographic findings of shoulder disorders in patients with Parkinson's disease. <i>Movement Disorders</i> , 2008, 23, 1772-1776.	3.9	20
94	Teaching Neuro <i>Image</i> : Diverse MRI signal intensities with Wernicke encephalopathy. <i>Neurology</i> , 2008, 70, e48.	1.1	4
95	Medulla compression caused by vertebral artery dolichoectasia. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2008, 79, 222-222.	1.9	4
96	Deep Gray Matter Lesion Caused by Hypoglycemia. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2008, 87, 249-250.	1.4	1
97	Reversible Injury of Internal Capsule and Splenium in a Patient with Transient Hypoglycemic Hemiparesis. <i>Cerebrovascular Diseases</i> , 2006, 22, 282-283.	1.7	24
98	Orbital Myositis in Behçet's Disease: A Case Report with MRI Findings. <i>European Neurology</i> , 2006, 56, 44-45.	1.4	13