

Jungsu S Oh

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3317777/publications.pdf>

Version: 2024-02-01

108
papers

2,401
citations

186265

28
h-index

243625

44
g-index

113
all docs

113
docs citations

113
times ranked

4142
citing authors

#	ARTICLE	IF	CITATIONS
1	Posterior cingulate cortex atrophy and regional cingulum disruption in mild cognitive impairment and Alzheimer's disease. <i>Neurobiology of Aging</i> , 2010, 31, 772-779.	3.1	178
2	Metabolic connectivity by interregional correlation analysis using statistical parametric mapping (SPM) and FDG brain PET; methodological development and patterns of metabolic connectivity in adults. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2008, 35, 1681-1691.	6.4	131
3	Altered resting-state connectivity in subjects at ultra-high risk for psychosis: an fMRI study. <i>Behavioral and Brain Functions</i> , 2010, 6, 58.	3.3	123
4	Thalamo-frontal white matter alterations in chronic schizophrenia. <i>Human Brain Mapping</i> , 2009, 30, 3812-3825.	3.6	83
5	White matter neuroplastic changes in long-term trained players of the game of "Baduk" (GO): A voxel-based diffusion-tensor imaging study. <i>NeuroImage</i> , 2010, 52, 9-19.	4.2	80
6	Effect of striatal dopamine depletion on cognition in de novo Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2018, 51, 43-48.	2.2	79
7	Presynaptic dopamine depletion predicts levodopa-induced dyskinesia in de novo Parkinson disease. <i>Neurology</i> , 2014, 82, 1597-1604.	1.1	78
8	Tractography-guided statistics (TGIS) in diffusion tensor imaging for the detection of gender difference of fiber integrity in the midsagittal and parasagittal corpora callosa. <i>NeuroImage</i> , 2007, 36, 606-616.	4.2	61
9	Neural substrates of cognitive reserve in Alzheimer's disease spectrum and normal aging. <i>NeuroImage</i> , 2019, 186, 690-702.	4.2	58
10	Differential Diagnosis of Parkinsonism Using Dual-Phase F-18 FP-CIT PET Imaging. <i>Nuclear Medicine and Molecular Imaging</i> , 2013, 47, 44-51.	1.0	57
11	Localized abnormalities in the cingulum bundle in patients with schizophrenia: A Diffusion Tensor tractography study. <i>NeuroImage: Clinical</i> , 2014, 5, 93-99.	2.7	57
12	Is normosmic Parkinson disease a unique clinical phenotype?. <i>Neurology</i> , 2015, 85, 1270-1275.	1.1	53
13	Intratumor Textural Heterogeneity on Pretreatment 18F-FDG PET Images Predicts Response and Survival After Chemoradiotherapy for Hypopharyngeal Cancer. <i>Annals of Surgical Oncology</i> , 2015, 22, 2746-2754.	1.5	43
14	Differentiating the grades of thymic epithelial tumor malignancy using textural features of intratumoral heterogeneity via 18F-FDG PET/CT. <i>Annals of Nuclear Medicine</i> , 2016, 30, 309-319.	2.2	40
15	Anterior limb of the internal capsule in schizophrenia: a diffusion tensor tractography study. <i>Brain Imaging and Behavior</i> , 2012, 6, 417-425.	2.1	39
16	Shape changes of the corpus callosum in abstinent methamphetamine users. <i>Neuroscience Letters</i> , 2005, 384, 76-81.	2.1	37
17	Discrimination of normal aging, MCI and AD with multimodal imaging measures on the medial temporal lobe. <i>Psychiatry Research - Neuroimaging</i> , 2010, 183, 237-243.	1.8	37
18	The clinical feasibility of deep learning-based classification of amyloid PET images in visually equivocal cases. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 332-341.	6.4	37

#	ARTICLE	IF	CITATIONS
19	Association of body mass index and the depletion of nigrostriatal dopamine in Parkinson's disease. <i>Neurobiology of Aging</i> , 2016, 38, 197-204.	3.1	36
20	Neural correlates of progressive reduction of bradykinesia in de novo Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2014, 20, 1376-1381.	2.2	35
21	Prognostic significance of standardized uptake value and metabolic tumour volume on 18F-FDG PET/CT in oropharyngeal squamous cell carcinoma. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2015, 42, 1353-1361.	6.4	34
22	The utility of susceptibility-weighted imaging for differentiating Parkinsonism-predominant multiple system atrophy from Parkinson's disease: Correlation with 18F-fluorodeoxyglucose positron-emission tomography. <i>Neuroscience Letters</i> , 2015, 584, 296-301.	2.1	34
23	Different loss of dopamine transporter according to subtype of multiple system atrophy. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016, 43, 517-525.	6.4	34
24	Lack of association between dopamine transporter loss and non-motor symptoms in patients with Parkinson's disease: a detailed PET analysis of 12 striatal subregions. <i>Neurological Sciences</i> , 2019, 40, 311-317.	1.9	33
25	Additional Value of Early-Phase 18F-FP-CIT PET Image for Differential Diagnosis of Atypical Parkinsonism. <i>Clinical Nuclear Medicine</i> , 2017, 42, e80-e87.	1.3	31
26	A phase 1, first-in-human study of 18F-GP1 positron emission tomography for imaging acute arterial thrombosis. <i>EJNMMI Research</i> , 2019, 9, 3.	2.5	31
27	Cerebellum-specific 18F-FDG PET analysis for the detection of subregional glucose metabolism changes in spinocerebellar ataxia. <i>NeuroReport</i> , 2014, 25, 1198-1202.	1.2	29
28	Reduced fronto-callosal fiber integrity in unmedicated OCD patients: A diffusion tractography study. <i>Human Brain Mapping</i> , 2012, 33, 2441-2452.	3.6	28
29	Feasibility of dynamic stress 201Tl/rest 99mTc-tetrofosmin single photon emission computed tomography for quantification of myocardial perfusion reserve in patients with stable coronary artery disease. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018, 45, 2173-2180.	6.4	28
30	A systematic review of the prognostic value of texture analysis in 18F-FDG PET in lung cancer. <i>Annals of Nuclear Medicine</i> , 2018, 32, 602-610.	2.2	27
31	Glycoprotein IIb/IIIa Receptor Imaging with ¹⁸ F-GP1 PET for Acute Venous Thromboembolism: An Open-Label, Nonrandomized, Phase 1 Study. <i>Journal of Nuclear Medicine</i> , 2019, 60, 244-249.	5.0	27
32	White matter hyperintensities as a predictor of freezing of gait in Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2019, 66, 105-109.	2.2	27
33	Comparison of diagnostic sensitivity of [18F]fluoroestradiol and [18F]fluorodeoxyglucose positron emission tomography/computed tomography for breast cancer recurrence in patients with a history of estrogen receptor-positive primary breast cancer. <i>EJNMMI Research</i> , 2020, 10, 54.	2.5	26
34	18F-FDG PET/CT Versus Contrast-Enhanced CT for Staging and Prognostic Prediction in Patients With Salivary Gland Carcinomas. <i>Clinical Nuclear Medicine</i> , 2017, 42, e149-e156.	1.3	25
35	Premorbid exercise engagement and motor reserve in Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2017, 34, 49-53.	2.2	25
36	Subregional Pattern of Striatal Dopamine Transporter Loss on ¹⁸ F FP-CIT Positron Emission Tomography in Patients With Pure Akinesia With Gait Freezing. <i>JAMA Neurology</i> , 2016, 73, 1477.	9.0	24

#	ARTICLE	IF	CITATIONS
37	Pretreatment tumor SUVmax predicts disease-specific and overall survival in patients with head and neck soft tissue sarcoma. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2017, 44, 33-40.	6.4	24
38	Areas of white matter hyperintensities and motor symptoms of Parkinson disease. <i>Neurology</i> , 2020, 95, e291-e298.	1.1	24
39	Persistent Drug-Induced Parkinsonism in Patients with Normal Dopamine Transporter Imaging. <i>PLoS ONE</i> , 2016, 11, e0157410.	2.5	23
40	The presence of depression in de novo Parkinson's disease reflects poor motor compensation. <i>PLoS ONE</i> , 2018, 13, e0203303.	2.5	23
41	Diagnostic performance of deep learning models for detecting bone metastasis on whole-body bone scan in prostate cancer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 585-595.	6.4	21
42	Detrimental effect of type 2 diabetes mellitus in a large case series of Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2019, 64, 54-59.	2.2	20
43	Prediction of distant metastasis and survival in adenoid cystic carcinoma using quantitative 18 F-FDG PET/CT measurements. <i>Oral Oncology</i> , 2018, 77, 98-104.	1.5	19
44	Effects of dopaminergic depletion and brain atrophy on neuropsychiatric symptoms in de novo Parkinson's disease. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018, 89, 197-204.	1.9	19
45	The Pattern of Striatal Dopamine Depletion as a Prognostic Marker in De Novo Parkinson Disease. <i>Clinical Nuclear Medicine</i> , 2018, 43, 787-792.	1.3	19
46	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
47	Comparison of Amyloid β^2 and Tau Spread Models in Alzheimer's Disease. <i>Cerebral Cortex</i> , 2019, 29, 4291-4302.	2.9	19
48	Dietary intake of pantothenic acid is associated with cerebral amyloid burden in patients with cognitive impairment. <i>Food and Nutrition Research</i> , 2018, 62, .	2.6	19
49	Putaminal dopamine depletion in de novo Parkinson's disease predicts future development of wearing-off. <i>Parkinsonism and Related Disorders</i> , 2018, 53, 96-100.	2.2	16
50	Clinical Evaluation of 18F-PI-2620 as a Potent PET Radiotracer Imaging Tau Protein in Alzheimer Disease and Other Neurodegenerative Diseases Compared With 18F-THK-5351. <i>Clinical Nuclear Medicine</i> , 2020, 45, 841-847.	1.3	16
51	Does smoking impact dopamine neuronal loss in de novo Parkinson disease?. <i>Annals of Neurology</i> , 2017, 82, 850-854.	5.3	15
52	Fractional anisotropy-based divisions of midsagittal corpus callosum. <i>NeuroReport</i> , 2005, 16, 317-320.	1.2	14
53	Diffusion Tensor Tractography Analysis of the Corpus Callosum Fibers in Amyotrophic Lateral		

#	ARTICLE	IF	CITATIONS
55	Striatofrontal Deafferentiation in MSA-P: Evaluation with [18F]FDG Brain PET. PLoS ONE, 2017, 12, e0169928.	2.5	13
56	Association of striatal dopaminergic neuronal integrity with cognitive dysfunction and cerebral cortical metabolism in Parkinson's disease with mild cognitive impairment. Nuclear Medicine Communications, 2019, 40, 1216-1223.	1.1	13
57	Different subregional metabolism patterns in patients with cerebellar ataxia by 18F-fluorodeoxyglucose positron emission tomography. PLoS ONE, 2017, 12, e0173275.	2.5	13
58	18F-Fluorodeoxyglucose Positron-Emission Tomography Findings with Anti-N-Methyl-D-Aspartate Receptor Encephalitis that Showed Variable Degrees of Catatonia: Three Cases Report. Journal of Epilepsy Research, 2014, 4, 69-73.	0.4	13
59	Effects of Cognitive Reserve in Alzheimer's Disease and Cognitively Unimpaired Individuals. Frontiers in Aging Neuroscience, 2021, 13, 784054.	3.4	13
60	Longitudinal Decline of Striatal Subregional [18F]FP-CIT Uptake in Parkinson's Disease. Nuclear Medicine and Molecular Imaging, 2017, 51, 304-313.	1.0	12
61	Diagnostic and prognostic values of 2-[18F]FDG PET/CT in resectable thymic epithelial tumour. European Radiology, 2022, 32, 1173-1183.	4.5	12
62	Metabolic tumor volume and total lesion glycolysis predict tumor progression and survival after salvage surgery for recurrent oral cavity squamous cell carcinoma. Head and Neck, 2019, 41, 1846-1853.	2.0	10
63	Combination of automated brain volumetry on MRI and quantitative tau deposition on THK-5351 PET to support diagnosis of Alzheimer's disease. Scientific Reports, 2021, 11, 10343.	3.3	10
64	Pre-treatment metabolic tumor volume predicts tumor metastasis and progression in high-grade salivary gland carcinoma. Journal of Cancer Research and Clinical Oncology, 2018, 144, 2485-2493.	2.5	8
65	Bilirubin-Related Differential Striatal [18F]FP-CIT Uptake in Parkinson Disease. Clinical Nuclear Medicine, 2019, 44, 855-859.	1.3	8
66	Neural and dopaminergic correlates of fatigue in Parkinson's disease. Journal of Neural Transmission, 2020, 127, 301-309.	2.8	7
67	Preserved Hippocampal Glucose Metabolism on ¹⁸ F-FDG PET after Transplantation of Human Umbilical Cord Blood-derived Mesenchymal Stem Cells in Chronic Epileptic Rats. Journal of Korean Medical Science, 2015, 30, 1232.	2.5	6
68	Clinical significance of visually equivocal amyloid PET findings from the Alzheimer's Disease Neuroimaging Initiative cohort. NeuroReport, 2018, 29, 553-558.	1.2	6
69	Radiation dosimetry of [18F]GP1 for imaging activated glycoprotein IIb/IIIa receptors with positron emission tomography in patients with acute thromboembolism. Nuclear Medicine and Biology, 2019, 72-73, 45-48.	0.6	6
70	Intra-individual correlations between quantitative THK-5351 PET and MRI-derived cortical volume in Alzheimer's disease differ according to disease severity and amyloid positivity. PLoS ONE, 2019, 14, e0226265.	2.5	6
71	Test-retest reproducibility of dopamine transporter density measured with [18F]FP-CIT PET in patients with essential tremor and Parkinson's disease. Annals of Nuclear Medicine, 2021, 35, 299-306.	2.2	6
72	Clinical Implications of Amyloid-Beta Accumulation in Occipital Lobes in Alzheimer's Continuum. Brain Sciences, 2021, 11, 1232.	2.3	6

#	ARTICLE	IF	CITATIONS
73	Clinicopathological characteristics of primary central nervous system lymphoma with low 18F-fludeoxyglucose uptake on brain positron emission tomography. <i>Medicine (United States)</i> , 2020, 99, e20140.	1.0	6
74	Asymmetry of cerebral glucose metabolism in very low-birth-weight infants without structural abnormalities. <i>PLoS ONE</i> , 2017, 12, e0186976.	2.5	6
75	Unified Deep Learning-Based Mouse Brain MR Segmentation: Template-Based Individual Brain Positron Emission Tomography Volumes-of-Interest Generation Without Spatial Normalization in Mouse Alzheimer Model. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 807903.	3.4	6
76	Is 18F-FDG PET/CT useful for the differential diagnosis of solitary pulmonary nodules in patients with idiopathic pulmonary fibrosis?. <i>Annals of Nuclear Medicine</i> , 2018, 32, 492-498.	2.2	5
77	Prognostic value of ¹⁸ F-FDG PET/CT parameters in patients who undergo salvage treatments for recurrent squamous cell carcinoma of the larynx and hypopharynx. <i>Journal of Surgical Oncology</i> , 2018, 118, 644-650.	1.7	5
78	Parkinson Disease-Related Pattern of Glucose Metabolism Associated With the Potential for Motor Improvement After Deep Brain Stimulation. <i>Neurosurgery</i> , 2019, 86, 492-499.	1.1	5
79	Distinct clinical features of predominant pre-synaptic and trans-synaptic nigrostriatal dysfunction in multiple system atrophy. <i>Journal of the Neurological Sciences</i> , 2019, 402, 100-106.	0.6	5
80	¹⁸ F-THK5351 PET Positivity and Longitudinal Changes in Cognitive Function in β 2-Amyloid-Negative Amnesic Mild Cognitive Impairment. <i>Yonsei Medical Journal</i> , 2022, 63, 259.	2.2	5
81	Ictal singing due to right mesial temporal lobe epilepsy involving a bihemispheric network. <i>Epilepsy & Behavior Case Reports</i> , 2013, 1, 85-88.	1.5	4
82	Does Late Levodopa Administration Delay the Development of Dyskinesia in Patients with De Novo Parkinson's Disease?. <i>CNS Drugs</i> , 2018, 32, 971-979.	5.9	4
83	Is dual-phase SPECT/CT with 99mTc-sestamibi better than single-phase SPECT/CT for lesion localization in patients with hyperparathyroidism?. <i>Medicine (United States)</i> , 2020, 99, e19989.	1.0	4
84	Genetic alterations associated with 18F-fluorodeoxyglucose positron emission tomography/computed tomography in head and neck squamous cell carcinoma. <i>Translational Oncology</i> , 2021, 14, 100988.	3.7	4
85	FDG-PET patterns associated with ideomotor apraxia and imitation apraxia in patients with corticobasal syndrome. <i>Parkinsonism and Related Disorders</i> , 2021, 88, 96-101.	2.2	4
86	Fully Automatic Quantitative Measurement of 18F-FDG PET/CT in Thymic Epithelial Tumors Using a Convolutional Neural Network. <i>Clinical Nuclear Medicine</i> , 0, Publish Ahead of Print, .	1.3	4
87	Immune microenvironment of the gene signature reflecting the standardised uptake value on 18F-fluorodeoxyglucose positron emission tomography/computed tomography in head and neck squamous cell carcinoma. <i>Annals of Nuclear Medicine</i> , 2021, 35, 65-75.	2.2	3
88	Nuclear Medicine Physics: Review of Advanced Technology. <i>Progress in Medical Physics</i> , 2020, 31, 81-98.	0.3	3
89	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
90	Association between tumor 18F-fluorodeoxyglucose metabolism and survival in women with estrogen receptor-positive, HER2-negative breast cancer. <i>Scientific Reports</i> , 2022, 12, 7858.	3.3	3

#	ARTICLE	IF	CITATIONS
91	[¹⁸ F]THK-5351 PET Patterns in Patients With Alzheimer’s Disease and Negative Amyloid PET		