# Jungsu S Oh

## List of Publications by Year
in descending order

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|---|---|---|---|
| 108 papers | 2,401 citations | 186265<br>28 h-index | 243625<br>44 g-index |
| 113 all docs | 113 docs citations | 113 times ranked | 4142 citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | Correlations with REM sleep behavior disorder severity in isolated rapid eye movement sleep behavior disorders patients. International Journal of Neuroscience, 2023, 133, 918-924. | 1.6 | 2 |
| 2 | Diagnostic performance of deep learning models for detecting bone metastasis on whole-body bone scan in prostate cancer. European Journal of Nuclear Medicine and Molecular Imaging, 2022, 49, 585-595. | 6.4 | 21 |
| 3 | Diagnostic and prognostic values of 2-[18F]FDG PET/CT in resectable thymic epithelial tumour. European Radiology, 2022, 32, 1173-1183. | 4.5 | 12 |
| 4 | 60 Years of Achievements by KSNM in Neuroimaging Research. Nuclear Medicine and Molecular Imaging, 2022, 56, 3-16. | 1.0 | 0 |
| 5 | Role of White Matter Abnormalities in the Relationship Between Microbleed Burden and Cognitive Impairment in Cerebral Amyloid Angiopathy. Journal of Alzheimer's Disease, 2022, 86, 667-678. | 2.6 | 3 |
| 6 | ^{18}F-THK5351 PET Positivity and Longitudinal Changes in Cognitive Function in β-Amyloid-Negative Amnestic Mild Cognitive Impairment. Yonsei Medical Journal, 2022, 63, 259. | 2.2 | 5 |
| 7 | 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. Frontiers in Aging Neuroscience, 2022, 14, 807903. | 3.4 | 6 |
| 8 | Association between tumor 18F-fluorodeoxyglucose metabolism and survival in women with estrogen receptor-positive, HER2-negative breast cancer. Scientific Reports, 2022, 12, 7858. | 3.3 | 3 |
| 9 | [18F]THK-5351 PET Patterns in Patients With Alzheimer's Disease and Negative Amyloid PET | | |

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|---|---------|----|-----------|
| 19 | Neural and dopaminergic correlates of fatigue in Parkinson's disease. Journal of Neural Transmission, 2020, 127, 301-309. | 2.8 | 7 |
| 20 | The clinical feasibility of deep learning-based classification of amyloid PET images in visually equivocal cases. European Journal of Nuclear Medicine and Molecular Imaging, 2020, 47, 332-341. | 6.4 | 37 |
| 21 | 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. Clinical Nuclear Medicine, 2020, 45, 841-847. | 1.3 | 16 |
| 22 | Areas of white matter hyperintensities and motor symptoms of Parkinson disease. Neurology, 2020, 95, e291-e298. | 1.1 | 24 |
| 23 | Is dual-phase SPECT/CT with 99mTc-sestamibi better than single-phase SPECT/CT for lesion localization in patients with hyperparathyroidism?. Medicine (United States), 2020, 99, e19989. | 1.0 | 4 |
| 24 | Clinicopathological characteristics of primary central nervous system lymphoma with low 18F-fludeoxyglucose uptake on brain positron emission tomography. Medicine (United States), 2020, 99, e20140. | 1.0 | 6 |
| 25 | 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. EJNMMI Research, 2020, 10, 54. | 2.5 | 26 |
| 26 | Nuclear Medicine Physics: Review of Advanced Technology. Progress in Medical Physics, 2020, 31, 81-98. | 0.3 | 3 |
| 27 | Glycoprotein IIb/IIIa Receptor Imaging with 18F-GP1 PET for Acute Venous Thromboembolism: An Open-Label, Nonrandomized, Phase 1 Study. Journal of Nuclear Medicine, 2019, 60, 244-249. | 5.0 | 27 |
| 28 | Differences in gray and white matter 18F-THK5351 uptake between behavioral-variant frontotemporal dementia and other dementias. European Journal of Nuclear Medicine and Molecular Imaging, 2019, 46, 357-366. | 6.4 | 19 |
| 29 | A phase 1, first-in-human study of 18F-GP1 positron emission tomography for imaging acute arterial thrombosis. EJNMMI Research, 2019, 9, 3. | 2.5 | 31 |
| 30 | White matter hyperintensities as a predictor of freezing of gait in Parkinson's disease. Parkinsonism and Related Disorders, 2019, 66, 105-109. | 2.2 | 27 |
| 31 | 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 |
| 32 | 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 |
| 33 | Parkinson Disease-Related Pattern of Glucose Metabolism Associated With the Potential for Motor Improvement After Deep Brain Stimulation. Neurosurgery, 2019, 86, 492-499. | 1.1 | 5 |
| 34 | Distinct clinical features of predominant pre-synaptic and trans-synaptic nigrostriatal dysfunction in multiple system atrophy. Journal of the Neurological Sciences, 2019, 402, 100-106. | 0.6 | 5 |
| 35 | 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 |
| 36 | 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 |

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|---|---------|----|-----------|
| 37 | Bilirubin-Related Differential Striatal [18F]FP-CIT Uptake in Parkinson Disease. Clinical Nuclear Medicine, 2019, 44, 855-859. | 1.3 | 8 |
| 38 | Detrimental effect of type 2 diabetes mellitus in a large case series of Parkinson's disease. Parkinsonism and Related Disorders, 2019, 64, 54-59. | 2.2 | 20 |
| 39 | Comparison of Amyloid β and Tau Spread Models in Alzheimer's Disease. Cerebral Cortex, 2019, 29, 4291-4302. | 2.9 | 19 |
| 40 | Neural substrates of cognitive reserve in Alzheimer's disease spectrum and normal aging. NeuroImage, 2019, 186, 690-702. | 4.2 | 58 |
| 41 | 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. Neurological Sciences, 2019, 40, 311-317. | 1.9 | 33 |
| 42 | Gastrectomy and nigrostriatal dopaminergic depletion in de novo Parkinson's disease. Movement Disorders, 2019, 34, 299-301. | 3.9 | 1 |
| 43 | Clinical significance of visually equivocal amyloid PET findings from the Alzheimer's Disease Neuroimaging Initiative cohort. NeuroReport, 2018, 29, 553-558. | 1.2 | 6 |
| 44 | Prediction of distant metastasis and survival in adenoid cystic carcinoma using quantitative 18 F-FDG PET/CT measurements. Oral Oncology, 2018, 77, 98-104. | 1.5 | 19 |
| 45 | Effect of striatal dopamine depletion on cognition in de novo Parkinson's disease. Parkinsonism and Related Disorders, 2018, 51, 43-48. | 2.2 | 79 |
| 46 | Effects of dopaminergic depletion and brain atrophy on neuropsychiatric symptoms in de novo Parkinson's disease. Journal of Neurology, Neurosurgery and Psychiatry, 2018, 89, 197-204. | 1.9 | 19 |
| 47 | Early-onset drug-induced parkinsonism after exposure to offenders implies nigrostriatal dopaminergic dysfunction. Journal of Neurology, Neurosurgery and Psychiatry, 2018, 89, 169-174. | 1.9 | 14 |
| 48 | P2â€359: RELATION NETWORKS OF NEURODEGENERATION IN ALZHEIMER'S DISEASE SPECTRUM: TAU, AMYLOID, AND CORTICAL ATROPHY. Alzheimer's and Dementia, 2018, 14, P827. | 0.8 | 0 |
| 49 | P1â€396: COGNITION AND NEUROFIBRILLARY DEGENERATION IN PATIENTS WITH AMYLOIDâ€NEGATIVE MILD COGNITIVE IMPAIRMENT AND ALZHEIMER'S DISEASE. Alzheimer's and Dementia, 2018, 14, P454. | 0.8 | 0 |
| 50 | P3â€089: DATAâ€DRIVEN PATHOLOGICAL POSITIVITY OF ALZHEIMER DISEASE: AN EXPLORATORY STUDY OF DYNAMIC BIOMARKER CAUSALITY. Alzheimer's and Dementia, 2018, 14, P1099. | 0.8 | 0 |
| 51 | P3â€433: NEURAL SUBSTRATES OF COGNITIVE RESERVE IN THE ALZHEIMER'S DISEASE SPECTRUM. Alzheimer's and Dementia, 2018, 14, P1277. | 0.8 | 0 |
| 52 | 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 |
| 53 | The presence of depression in de novo Parkinson's disease reflects poor motor compensation. PLoS ONE, 2018, 13, e0203303. | 2.5 | 23 |
| 54 | The Pattern of Striatal Dopamine Depletion as a Prognostic Marker in De Novo Parkinson Disease. Clinical Nuclear Medicine, 2018, 43, 787-792. | 1.3 | 19 |

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|---|---------|-----|-----------|
| 55 | Putaminal dopamine depletion in de novo Parkinson's disease predicts future development of wearing-off. Parkinsonism and Related Disorders, 2018, 53, 96-100. | 2.2 | 16 |
| 56 | Is 18F-FDG PET/CT useful for the differential diagnosis of solitary pulmonary nodules in patients with idiopathic pulmonary fibrosis?. Annals of Nuclear Medicine, 2018, 32, 492-498. | 2.2 | 5 |
| 57 | A systematic review of the prognostic value of texture analysis in 18F-FDG PET in lung cancer. Annals of Nuclear Medicine, 2018, 32, 602-610. | 2.2 | 27 |
| 58 | Does Late Levodopa Administration Delay the Development of Dyskinesia in Patients with De Novo Parkinson's Disease?. CNS Drugs, 2018, 32, 971-979. | 5.9 | 4 |
| 59 | Prognostic value of 18F-FDG PET/CT parameters in patients who undergo salvage treatments for recurrent squamous cell carcinoma of the larynx and hypopharynx. Journal of Surgical Oncology, 2018, 118, 644-650. | 1.7 | 5 |
| 60 | 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. European Journal of Nuclear Medicine and Molecular Imaging, 2018, 45, 2173-2180. | 6.4 | 28 |
| 61 | Dietary intake of pantothenic acid is associated with cerebral amyloid burden in patients with cognitive impairment. Food and Nutrition Research, 2018, 62, . | 2.6 | 19 |
| 62 | Additional Value of Early-Phase 18F-FP-CIT PET Image for Differential Diagnosis of Atypical Parkinsonism. Clinical Nuclear Medicine, 2017, 42, e80-e87. | 1.3 | 31 |
| 63 | Optimized statistical parametric mapping for partial-volume-corrected amyloid positron emission tomography in patients with Alzheimer's disease and Lewy body dementia. Journal of the Korean Physical Society, 2017, 70, 454-459. | 0.7 | 0 |
| 64 | Does smoking impact dopamine neuronal loss in de novo Parkinson disease?. Annals of Neurology, 2017, 82, 850-854. | 5.3 | 15 |
| 65 | 18F-FDG PET/CT Versus Contrast-Enhanced CT for Staging and Prognostic Prediction in Patients With Salivary Gland Carcinomas. Clinical Nuclear Medicine, 2017, 42, e149-e156. | 1.3 | 25 |
| 66 | [P1–129]: PREDICTION MODEL OF TAU PROPAGATION IN AD SPECTRUM USING FUNCTIONAL NETWORK. Alzheimer's and Dementia, 2017, 13, P291. | 0.8 | 0 |
| 67 | 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 |
| 68 | Premorbid exercise engagement and motor reserve in Parkinson's disease. Parkinsonism and Related Disorders, 2017, 34, 49-53. | 2.2 | 25 |
| 69 | Pretreatment tumor SUVmax predicts disease-specific and overall survival in patients with head and neck soft tissue sarcoma. European Journal of Nuclear Medicine and Molecular Imaging, 2017, 44, 33-40. | 6.4 | 24 |
| 70 | [P2–361]: SURFACE-BASED ANALYSIS OF SUB-CORTICAL STRUCTURES IN TAU AND AMYLOID PET IMAGING: AN ALZHEIMER'S DISEASE STUDY. Alzheimer's and Dementia, 2017, 13, P762. | 0.8 | 0 |
| 71 | [P3–319]: MILD COGNITIVE IMPAIRMENT CLASSIFICATION USING DEEP LEARNING. Alzheimer's and Dementia, 2017, 13, P1070. | 0.8 | 0 |
| 72 | [P4–046]: PARTIAL VOLUME SUSCEPTIBILITY OF TAU PET: REGIONWISE ASSESSMENT AND COMPARISON WITH AMYLOID PET. Alzheimer's and Dementia, 2017, 13, P1274. | 0.8 | 0 |

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|---|---------|-----|-----------|
| 73 | [P4–253]: QUANTITATIVE ANALYSIS AND CORRELATION WITH COGNITIVE FUNCTION OF F–18 THK–5351 PET IN SUBJECTIVE MEMORY IMPAIRMENT, MILD COGNITIVE IMPAIRMENT, AND ALZHEIMER's DISEASE. Alzheimer's and Dementia, 2017, 13, P1377. | 0.8 | 0 |
| 74 | [O1–08–01]: PATTERNS OF REGIONAL TAU ACCUMULATION INDICATIVE OF THREE DIFFERENT TYPES OF ALZHEIMER'S DISEASE (AD): THK5351–PET–BASED REPLICATION OF PATHOLOGY–BASED AD CLASSIFICATION. Alzheimer's and Dementia, 2017, 13, P206. | 0.8 | 0 |
| 75 | Striatofrontal Deafferentiation in MSA-P: Evaluation with [18F]FDG Brain PET. PLoS ONE, 2017, 12, e0169928. | 2.5 | 13 |
| 76 | Different subregional metabolism patterns in patients with cerebellar ataxia by 18F-fluorodeoxyglucose positron emission tomography. PLoS ONE, 2017, 12, e0173275. | 2.5 | 13 |
| 77 | Asymmetry of cerebral glucose metabolism in very low-birth-weight infants without structural abnormalities. PLoS ONE, 2017, 12, e0186976. | 2.5 | 6 |
| 78 | Persistent Drug-Induced Parkinsonism in Patients with Normal Dopamine Transporter Imaging. PLoS ONE, 2016, 11, e0157410. | 2.5 | 23 |
| 79 | Different loss of dopamine transporter according to subtype of multiple system atrophy. European Journal of Nuclear Medicine and Molecular Imaging, 2016, 43, 517-525. | 6.4 | 34 |
| 80 | Subregional Pattern of Striatal Dopamine Transporter Loss on 18F FP-CIT Positron Emission Tomography in Patients With Pure Akinesia With Gait Freezing. JAMA Neurology, 2016, 73, 1477. | 9.0 | 24 |
| 81 | Differentiating the grades of thymic epithelial tumor malignancy using textural features of intratumoral heterogeneity via 18F-FDG PET/CT. Annals of Nuclear Medicine, 2016, 30, 309-319. | 2.2 | 40 |
| 82 | Association of body mass index and the depletion of nigrostriatal dopamine in Parkinson's disease. Neurobiology of Aging, 2016, 38, 197-204. | 3.1 | 36 |
| 83 | Software development for ACR-approved phantom-based nuclear medicine tomographic image quality control with cross-platform compatibility. Journal of the Korean Physical Society, 2015, 67, 323-328. | 0.7 | 0 |
| 84 | Preserved Hippocampal Glucose Metabolism on 18F-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 |
| 85 | Prognostic significance of standardized uptake value and metabolic tumour volume on 18F-FDG PET/CT in oropharyngeal squamous cell carcinoma. European Journal of Nuclear Medicine and Molecular Imaging, 2015, 42, 1353-1361. | 6.4 | 34 |
| 86 | Intratumor Textural Heterogeneity on Pretreatment 18F-FDG PET Images Predicts Response and Survival After Chemoradiotherapy for Hypopharyngeal Cancer. Annals of Surgical Oncology, 2015, 22, 2746-2754. | 1.5 | 43 |
| 87 | Is normosmic Parkinson disease a unique clinical phenotype?. Neurology, 2015, 85, 1270-1275. | 1.1 | 53 |
| 88 | The utility of susceptibility-weighted imaging for differentiating Parkinsonism-predominant multiple system atrophy from Parkinson's disease: Correlation with 18F-flurodeoxyglucose positron-emission tomography. Neuroscience Letters, 2015, 584, 296-301. | 2.1 | 34 |
| 89 | Diffusion Tensor Tractography Analysis of the Corpus Callosum Fibers in Amyotrophic Lateral | | |

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|---|---------|----|-----------|
| 91 | Cerebellum-specific 18F-FDG PET analysis for the detection of subregional glucose metabolism changes in spinocerebellar ataxia. NeuroReport, 2014, 25, 1198-1202. | 1.2 | 29 |
| 92 | Presynaptic dopamine depletion predicts levodopa-induced dyskinesia in de novo Parkinson disease. Neurology, 2014, 82, 1597-1604. | 1.1 | 78 |
| 93 | Localized abnormalities in the cingulum bundle in patients with schizophrenia: A Diffusion Tensor tractography study. NeuroImage: Clinical, 2014, 5, 93-99. | 2.7 | 57 |
| 94 | 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 |
| 95 | Differential Diagnosis of Parkinsonism Using Dual-Phase F-18 FP-CIT PET Imaging. Nuclear Medicine and Molecular Imaging, 2013, 47, 44-51. | 1.0 | 57 |
| 96 | Ictal singing due to right mesial temporal lobe epilepsy involving a bihemispheric network. Epilepsy & Behavior Case Reports, 2013, 1, 85-88. | 1.5 | 4 |
| 97 | Anterior limb of the internal capsule in schizophrenia: a diffusion tensor tractography study. Brain Imaging and Behavior, 2012, 6, 417-425. | 2.1 | 39 |
| 98 | Reduced fronto‐callosal fiber integrity in unmedicated OCD patients: A diffusion tractography study. Human Brain Mapping, 2012, 33, 2441-2452. | 3.6 | 28 |
| 99 | Discrimination of normal aging, MCI and AD with multimodal imaging measures on the medial temporal lobe. Psychiatry Research - Neuroimaging, 2010, 183, 237-243. | 1.8 | 37 |
| 100 | White matter neuroplastic changes in long-term trained players of the game of â€œBadukâ€•(GO): A voxel-based diffusion-tensor imaging study. NeuroImage, 2010, 52, 9-19. | 4.2 | 80 |
| 101 | Altered resting-state connectivity in subjects at ultra-high risk for psychosis: an fMRI study. Behavioral and Brain Functions, 2010, 6, 58. | 3.3 | 123 |
| 102 | Posterior cingulate cortex atrophy and regional cingulum disruption in mild cognitive impairment and Alzheimer's disease. Neurobiology of Aging, 2010, 31, 772-779. | 3.1 | 178 |
| 103 | Thalamo‐frontal white matter alterations in chronic schizophrenia. Human Brain Mapping, 2009, 30, 3812-3825. | 3.6 | 83 |
| 104 | Metabolic connectivity by interregional correlation analysis using statistical parametric mapping (SPM) and FDG brain PET; methodological development and patterns of metabolic connectivity in adults. European Journal of Nuclear Medicine and Molecular Imaging, 2008, 35, 1681-1691. | 6.4 | 131 |
| 105 | Tractography-guided statistics (TGIS) in diffusion tensor imaging for the detection of gender difference of fiber integrity in the midsagittal and parasagittal corpora callosa. NeuroImage, 2007, 36, 606-616. | 4.2 | 61 |
| 106 | Fractional anisotropy-based divisions of midsagittal corpus callosum. NeuroReport, 2005, 16, 317-320. | 1.2 | 14 |
| 107 | Shape changes of the corpus callosum in abstinent methamphetamine users. Neuroscience Letters, 2005, 384, 76-81. | 2.1 | 37 |
| 108 | Fully Automatic Quantitative Measurement of 18F-FDG PET/CT in Thymic Epithelial Tumors Using a Convolutional Neural Network. Clinical Nuclear Medicine, 0, Publish Ahead of Print, . | 1.3 | 4 |