

Patrick J Lao

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

966
citations

471061

17
h-index

476904

29
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48
all docs

48
docs citations

48
times ranked

1385
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Plasma τ 181, τ 217, and other blood-based Alzheimer's disease biomarkers in a multi-ethnic, community study. <i>Alzheimer's and Dementia</i> , 2021, 17, 1353-1364. | 0.4 | 160 |
| 2 | The effects of normal aging on amyloid- β deposition in nondemented adults with Down syndrome as imaged by carbon 11-labeled Pittsburgh compound B. <i>Alzheimer's and Dementia</i> , 2016, 12, 380-390. | 0.4 | 65 |
| 3 | Cognitive decline and brain amyloid- β accumulation across 3 years in adults with Down syndrome. <i>Neurobiology of Aging</i> , 2017, 58, 68-76. | 1.5 | 59 |
| 4 | Letter and Category Fluency Performance Correlates with Distinct Patterns of Cortical Thickness in Older Adults. <i>Cerebral Cortex</i> , 2019, 29, 2694-2700. | 1.6 | 58 |
| 5 | In Vivo Comparison of Tau Radioligands ^{18}F -THK-5351 and ^{18}F -THK-5317. <i>Journal of Nuclear Medicine</i> , 2017, 58, 996-1002. | 2.8 | 54 |
| 6 | Further understanding the connection between Alzheimer's disease and Down syndrome. <i>Alzheimer's and Dementia</i> , 2020, 16, 1065-1077. | 0.4 | 52 |
| 7 | Longitudinal changes in amyloid positron emission tomography and volumetric magnetic resonance imaging in the nondemented Down syndrome population. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2017, 9, 1-9. | 1.2 | 49 |
| 8 | Deficient Import of Acetyl-CoA into the ER Lumen Causes Neurodegeneration and Propensity to Infections, Inflammation, and Cancer. <i>Journal of Neuroscience</i> , 2014, 34, 6772-6789. | 1.7 | 46 |
| 9 | Cerebrovascular disease promotes tau pathology in Alzheimer's disease. <i>Brain Communications</i> , 2020, 2, fcaal132. | 1.5 | 46 |
| 10 | Alzheimer-Related Cerebrovascular Disease in Down Syndrome. <i>Annals of Neurology</i> , 2020, 88, 1165-1177. | 2.8 | 34 |
| 11 | Association of Regional White Matter Hyperintensities With Longitudinal Alzheimer-Like Pattern of Neurodegeneration in Older Adults. <i>JAMA Network Open</i> , 2021, 4, e2125166. | 2.8 | 30 |
| 12 | Human brain imaging of nicotinic acetylcholine $\alpha 7$ receptors using [^{18}F]Nifene: Selectivity, functional activity, toxicity, aging effects, gender effects, and extrathalamic pathways. <i>Journal of Comparative Neurology</i> , 2018, 526, 80-95. | 0.9 | 26 |
| 13 | White matter hyperintensities mediate the association of nocturnal blood pressure with cognition. <i>Neurology</i> , 2020, 94, e1803-e1810. | 1.5 | 25 |
| 14 | Tract-defined regional white matter hyperintensities and memory. <i>NeuroImage: Clinical</i> , 2020, 25, 102143. | 1.4 | 24 |
| 15 | Alzheimer-Like Pattern of Hypometabolism Emerges with Elevated Amyloid- β Burden in Down Syndrome. <i>Journal of Alzheimer's Disease</i> , 2017, 61, 631-644. | 1.2 | 23 |
| 16 | The use of Centiloids for applying [^{11}C]PIB classification cutoffs across regional-of-interest delineation methods. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2018, 10, 332-339. | 1.2 | 22 |
| 17 | Imaging neurodegeneration in Down syndrome: brain templates for amyloid burden and tissue segmentation. <i>Brain Imaging and Behavior</i> , 2019, 13, 345-353. | 1.1 | 21 |
| 18 | First-in-Human Evaluation of ^{18}F -Mefway, a PET Radioligand Specific to Serotonin-1A Receptors. <i>Journal of Nuclear Medicine</i> , 2014, 55, 1973-1979. | 2.8 | 19 |

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|----|--|-----|-----------|
| 19 | Changes in the $\alpha 4\beta 2^*$ nicotinic acetylcholine system during chronic controlled alcohol exposure in nonhuman primates. <i>Drug and Alcohol Dependence</i> , 2014, 138, 216-219. | 1.6 | 16 |
| 20 | Leisure Activity, Brain β -Amyloid, and Episodic Memory in Adults with Down Syndrome. <i>Developmental Neurobiology</i> , 2019, 79, 738-749. | 1.5 | 14 |
| 21 | APOE $\epsilon 4$ and resting-state functional connectivity in racially/ethnically diverse older adults. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2020, 12, e12094. | 1.2 | 14 |
| 22 | [¹⁸ F]Nifene test-retest reproducibility in first-in-human imaging of $\alpha 4\beta 2^*$ nicotinic acetylcholine receptors. <i>Synapse</i> , 2017, 71, e21981. | 0.6 | 13 |
| 23 | Comparison of longitudinal β in nondemented elderly and Down syndrome. <i>Neurobiology of Aging</i> , 2019, 73, 171-176. | 1.5 | 13 |
| 24 | Patterns of tau pathology identified with ¹⁸ F- MK-6240 PET imaging. <i>Alzheimer's and Dementia</i> , 2021, , . | 0.4 | 12 |
| 25 | PET imaging of acetylcholinesterase inhibitor-induced effects on $\alpha 4\beta 2$ nicotinic acetylcholine receptor binding. <i>Synapse</i> , 2013, 67, 882-886. | 0.6 | 11 |
| 26 | Human biodistribution and dosimetry of [¹⁸ F]nifene, an $\alpha 4\beta 2^*$ nicotinic acetylcholine receptor PET tracer. <i>Nuclear Medicine and Biology</i> , 2017, 55, 7-11. | 0.3 | 11 |
| 27 | In vivo imaging of inflammation and oxidative stress in a nonhuman primate model of cardiac sympathetic neurodegeneration. <i>Npj Parkinson's Disease</i> , 2018, 4, 22. | 2.5 | 11 |
| 28 | Characterization of the radiosynthesis and purification of [¹⁸ F]THK-5351, a PET ligand for neurofibrillary tau. <i>Applied Radiation and Isotopes</i> , 2017, 130, 230-237. | 0.7 | 9 |
| 29 | Cortical thickness in the right inferior frontal gyrus mediates age-related performance differences on an item-method directed forgetting task. <i>Neurobiology of Aging</i> , 2021, 106, 95-102. | 1.5 | 6 |
| 30 | Automatic quantification of white matter hyperintensities on T2-weighted fluid attenuated inversion recovery magnetic resonance imaging. <i>Magnetic Resonance Imaging</i> , 2022, 85, 71-79. | 1.0 | 6 |
| 31 | Probing the proteome to explore potential correlates of increased Alzheimer's-related cerebrovascular disease in adults with Down syndrome. <i>Alzheimer's and Dementia</i> , 2022, 18, 1744-1753. | 0.4 | 4 |
| 32 | Amyloid, cerebrovascular disease, and neurodegeneration biomarkers are associated with cognitive trajectories in a racially and ethnically diverse, community-based sample. <i>Neurobiology of Aging</i> , 2022, 117, 83-96. | 1.5 | 3 |
| 33 | [¹⁸ F]AV-1451 PET IN NON-DEMENTED ADULTS WITH DOWN SYNDROME IS RELATED TO BOTH AMYLOID AND COGNITION. <i>Alzheimer's and Dementia</i> , 2017, 13, P428. | 0.4 | 1 |
| 34 | White Matter Regions With Low Microstructure in Young Adults Spatially Coincide With White Matter Hyperintensities in Older Adults. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 345. | 1.7 | 1 |
| 35 | Regional white matter hyperintensities predict Alzheimer's-like neurodegeneration. <i>Alzheimer's and Dementia</i> , 2020, 16, e044776. | 0.4 | 1 |
| 36 | White matter microstructure associations to amyloid burden in adults with Down syndrome. <i>NeuroImage: Clinical</i> , 2022, 33, 102908. | 1.4 | 1 |

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|----|---|-----|-----------|
| 37 | Obstructive sleep apnea, cerebrovascular disease, and amyloid in older adults with Down syndrome across the Alzheimer's continuum. SLEEP Advances, 2022, 3, . | 0.1 | 1 |
| 38 | Joint-label fusion brain atlases for dementia research in Down syndrome. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2022, 14, . | 1.2 | 1 |
| 39 | P1-274: Patterns of In-Vivo Preclinical TAU and Amyloid Burden Using [F-18]THK5351 and [C-11]PIB. , 2016, 12, P521-P522. | | 0 |
| 40 | ICP-195: Patterns of in vivo Preclinical TAU and Amyloid Burden Using [F-18]THK5351 and [C-11]PIB. Alzheimer's and Dementia, 2016, 12, P141. | 0.4 | 0 |
| 41 | [O2-06]: ALZHEIMER-LIKE PATHOPHYSIOLOGICAL CHANGES IN THE NON-DEMENTED DOWN SYNDROME POPULATION. Alzheimer's and Dementia, 2017, 13, P554. | 0.4 | 0 |
| 42 | Author Response: White Matter Hyperintensities Mediate the Association of Nocturnal Blood Pressure With Cognition. Neurology, 2021, 97, 46-46. | 1.5 | 0 |
| 43 | Does Race or Ethnicity Modify the Impact of Age on Cognition in Middle- and Older-Aged Adults?. Innovation in Aging, 2020, 4, 781-781. | 0.0 | 0 |