

Lea T Grinberg

List of Publications by Year in descending order

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Version: 2024-02-01

273
papers

19,480
citations

13087

68
h-index

14197

128
g-index

342
all docs

342
docs citations

342
times ranked

20709
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Equal numbers of neuronal and nonneuronal cells make the human brain an isometrically scaledâ€ primate brain. <i>Journal of Comparative Neurology</i> , 2009, 513, 532-541. | 0.9 | 1,628 |
| 2 | Primary age-related tauopathy (PART): a common pathology associated with human aging. <i>Acta Neuropathologica</i> , 2014, 128, 755-766. | 3.9 | 1,060 |
| 3 | Neuropathologic diagnostic and nosologic criteria for frontotemporal lobar degeneration: consensus of the Consortium for Frontotemporal Lobar Degeneration. <i>Acta Neuropathologica</i> , 2007, 114, 5-22. | 3.9 | 978 |
| 4 | ApoE4 markedly exacerbates tau-mediated neurodegeneration in a mouse model of tauopathy. <i>Nature</i> , 2017, 549, 523-527. | 13.7 | 852 |
| 5 | Distinct Tau Prion Strains Propagate in Cells and Mice and Define Different Tauopathies. <i>Neuron</i> , 2014, 82, 1271-1288. | 3.8 | 822 |
| 6 | Evidence for Î±-synuclein prions causing multiple system atrophy in humans with parkinsonism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E5308-17. | 3.3 | 578 |
| 7 | Diagnostic value of plasma phosphorylated tau181 in Alzheimerâ€™s disease and frontotemporal lobar degeneration. <i>Nature Medicine</i> , 2020, 26, 387-397. | 15.2 | 471 |
| 8 | The behavioural/dysexecutive variant of Alzheimerâ€™s disease: clinical, neuroimaging and pathological features. <i>Brain</i> , 2015, 138, 2732-2749. | 3.7 | 397 |
| 9 | Aging-related tau astrogliopathy (ARTAG): harmonized evaluation strategy. <i>Acta Neuropathologica</i> , 2016, 131, 87-102. | 3.9 | 380 |
| 10 | Tau PTM Profiles Identify Patient Heterogeneity and Stages of Alzheimerâ€™s Disease. <i>Cell</i> , 2020, 183, 1699-1713.e13. | 13.5 | 354 |
| 11 | Existing Pittsburgh Compound-B positron emission tomography thresholds are too high: statistical and pathological evaluation. <i>Brain</i> , 2015, 138, 2020-2033. | 3.7 | 319 |
| 12 | Typical and atypical pathology in primary progressive aphasia variants. <i>Annals of Neurology</i> , 2017, 81, 430-443. | 2.8 | 288 |
| 13 | Vascular pathology in the aged human brain. <i>Acta Neuropathologica</i> , 2010, 119, 277-290. | 3.9 | 275 |
| 14 | Locus coeruleus volume and cell population changes during Alzheimer's disease progression: A stereological study in human postmortem brains with potential implication for earlyâ€stage biomarker discovery. <i>Alzheimer's and Dementia</i> , 2017, 13, 236-246. | 0.4 | 263 |
| 15 | Molecular characterization of selectively vulnerable neurons in Alzheimerâ€™s disease. <i>Nature Neuroscience</i> , 2021, 24, 276-287. | 7.1 | 238 |
| 16 | Clinicopathological correlations in behavioural variant frontotemporal dementia. <i>Brain</i> , 2017, 140, 3329-3345. | 3.7 | 226 |
| 17 | Plasma phosphorylated tau 217 and phosphorylated tau 181 as biomarkers in Alzheimer's disease and frontotemporal lobar degeneration: a retrospective diagnostic performance study. <i>Lancet Neurology</i> , The, 2021, 20, 739-752. | 4.9 | 220 |
| 18 | Locus coeruleus imaging as a biomarker for noradrenergic dysfunction in neurodegenerative diseases. <i>Brain</i> , 2019, 142, 2558-2571. | 3.7 | 219 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | The Brainstem Pathologies of Parkinson's Disease and Dementia with Lewy Bodies. <i>Brain Pathology</i> , 2015, 25, 121-135. | 2.1 | 214 |
| 20 | Cerebrospinal fluid neurofilament concentration reflects disease severity in frontotemporal degeneration. <i>Annals of Neurology</i> , 2014, 75, 116-126. | 2.8 | 213 |
| 21 | Abnormal Alveolar Attachments with Decreased Elastic Fiber Content in Distal Lung in Fatal Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2004, 170, 857-862. | 2.5 | 199 |
| 22 | Vascular dementia: Different forms of vessel disorders contribute to the development of dementia in the elderly brain. <i>Experimental Gerontology</i> , 2012, 47, 816-824. | 1.2 | 179 |
| 23 | Subregional Basal Forebrain Atrophy in Alzheimer's Disease: A Multicenter Study. <i>Journal of Alzheimer's Disease</i> , 2014, 40, 687-700. | 1.2 | 173 |
| 24 | Consensus statement for diagnosis of subcortical small vessel disease. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 6-25. | 2.4 | 173 |
| 25 | Multisite study of the relationships between <i>antemortem</i> [¹¹ C]PIB-PET Centiloid values and <i>postmortem</i> measures of Alzheimer's disease neuropathology. <i>Alzheimer's and Dementia</i> , 2019, 15, 205-216. | 0.4 | 155 |
| 26 | ¹⁸ F-flortaucipir tau positron emission tomography distinguishes established progressive supranuclear palsy from controls and Parkinson disease: A multicenter study. <i>Annals of Neurology</i> , 2017, 82, 622-634. | 2.8 | 148 |
| 27 | Cell number changes in Alzheimer's disease relate to dementia, not to plaques and tangles. <i>Brain</i> , 2013, 136, 3738-3752. | 3.7 | 145 |
| 28 | Quantifying the accretion of hyperphosphorylated tau in the locus coeruleus and dorsal raphe nucleus: the pathological building blocks of early Alzheimer's disease. <i>Neuropathology and Applied Neurobiology</i> , 2017, 43, 393-408. | 1.8 | 145 |
| 29 | Tau prions from Alzheimer's disease and chronic traumatic encephalopathy patients propagate in cultured cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E8187-E8196. | 3.3 | 141 |
| 30 | Brainstem pathology and non-motor symptoms in PD. <i>Journal of the Neurological Sciences</i> , 2010, 289, 81-88. | 0.3 | 137 |
| 31 | TDP-43 frontotemporal lobar degeneration and autoimmune disease. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2013, 84, 956-962. | 0.9 | 137 |
| 32 | The cholinergic system in mild cognitive impairment and Alzheimer's disease: An in vivo MRI and DTI study. <i>Human Brain Mapping</i> , 2011, 32, 1349-1362. | 1.9 | 136 |
| 33 | Very low levels of education and cognitive reserve. <i>Neurology</i> , 2013, 81, 650-657. | 1.5 | 133 |
| 34 | TMEM106B protects C9ORF72 expansion carriers against frontotemporal dementia. <i>Acta Neuropathologica</i> , 2014, 127, 397-406. | 3.9 | 133 |
| 35 | Neuropathologic Correlates of Psychiatric Symptoms in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2018, 66, 115-126. | 1.2 | 133 |
| 36 | Vascular dementia. <i>Journal of the Neurological Sciences</i> , 2012, 322, 2-10. | 0.3 | 131 |

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|----|---|-----|-----------|
| 37 | Features of Patients With Nonfluent/Agrammatic Primary Progressive Aphasia With Underlying Progressive Supranuclear Palsy Pathology or Corticobasal Degeneration. <i>JAMA Neurology</i> , 2016, 73, 733. | 4.5 | 131 |
| 38 | Brain bank of the Brazilian aging brain study group—a milestone reached and more than 1,600 collected brains. <i>Cell and Tissue Banking</i> , 2007, 8, 151-162. | 0.5 | 125 |
| 39 | ¹⁸ F-flortaucipir (AV-1451) tau PET in frontotemporal dementia syndromes. <i>Alzheimer's Research and Therapy</i> , 2019, 11, 13. | 3.0 | 121 |
| 40 | Distinct Subtypes of Behavioral Variant Frontotemporal Dementia Based on Patterns of Network Degeneration. <i>JAMA Neurology</i> , 2016, 73, 1078. | 4.5 | 115 |
| 41 | Human apolipoprotein A-II binds amyloid- β^2 and prevents A β^2 -induced neurotoxicity. <i>International Journal of Biochemistry and Cell Biology</i> , 2009, 41, 1361-1370. | 1.2 | 114 |
| 42 | Progranulin Mutations as Risk Factors for Alzheimer Disease. <i>JAMA Neurology</i> , 2013, 70, 774. | 4.5 | 114 |
| 43 | Criminal Behavior in Frontotemporal Dementia and Alzheimer Disease. <i>JAMA Neurology</i> , 2015, 72, 295. | 4.5 | 113 |
| 44 | Precortical Phase of Alzheimer's Disease (<sc>AD</sc>)—Related Tau Cytoskeletal Pathology. <i>Brain Pathology</i> , 2016, 26, 371-386. | 2.1 | 112 |
| 45 | Neuropathological consensus criteria for the evaluation of Lewy pathology in post-mortem brains: a multi-centre study. <i>Acta Neuropathologica</i> , 2021, 141, 159-172. | 3.9 | 107 |
| 46 | Acetylated tau destabilizes the cytoskeleton in the axon initial segment and is mislocalized to the somatodendritic compartment. <i>Molecular Neurodegeneration</i> , 2016, 11, 47. | 4.4 | 106 |
| 47 | Morphometric post-mortem studies in bipolar disorder: possible association with oxidative stress and apoptosis. <i>International Journal of Neuropsychopharmacology</i> , 2011, 14, 1075-1089. | 1.0 | 104 |
| 48 | Compromised function of the ESCRT pathway promotes endolysosomal escape of tau seeds and propagation of tau aggregation. <i>Journal of Biological Chemistry</i> , 2019, 294, 18952-18966. | 1.6 | 103 |
| 49 | Microglial NF- κ B drives tau spreading and toxicity in a mouse model of tauopathy. <i>Nature Communications</i> , 2022, 13, 1969. | 5.8 | 103 |
| 50 | ¹⁸ F-flortaucipir PET to autopsy comparisons in Alzheimer's disease and other neurodegenerative diseases. <i>Brain</i> , 2020, 143, 3477-3494. | 3.7 | 100 |
| 51 | Comorbid neuropathological diagnoses in early versus late-onset Alzheimer's disease. <i>Brain</i> , 2021, 144, 2186-2198. | 3.7 | 100 |
| 52 | Post-mortem assessment in vascular dementia: advances and aspirations. <i>BMC Medicine</i> , 2016, 14, 129. | 2.3 | 99 |
| 53 | Potential genetic modifiers of disease risk and age at onset in patients with frontotemporal lobar degeneration and GRN mutations: a genome-wide association study. <i>Lancet Neurology</i> , The, 2018, 17, 548-558. | 4.9 | 97 |
| 54 | Sexual Dimorphism in the Human Olfactory Bulb: Females Have More Neurons and Glial Cells than Males. <i>PLoS ONE</i> , 2014, 9, e111733. | 1.1 | 94 |

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|----|---|-----|-----------|
| 55 | Cholinergic basal forebrain atrophy predicts amyloid burden in Alzheimer's disease. <i>Neurobiology of Aging</i> , 2014, 35, 482-491. | 1.5 | 94 |
| 56 | Argyrophilic grain disease differs from other tauopathies by lacking tau acetylation. <i>Acta Neuropathologica</i> , 2013, 125, 581-593. | 3.9 | 90 |
| 57 | Genome-wide analyses as part of the international FTLTDP whole-genome sequencing consortium reveals novel disease risk factors and increases support for immune dysfunction in FTLTDP. <i>Acta Neuropathologica</i> , 2019, 137, 879-899. | 3.9 | 90 |
| 58 | Neuropathological diagnoses and clinical correlates in older adults in Brazil: A cross-sectional study. <i>PLoS Medicine</i> , 2017, 14, e1002267. | 3.9 | 90 |
| 59 | Probing the correlation of neuronal loss, neurofibrillary tangles, and cell death markers across the Alzheimer's disease Braak stages: a quantitative study in humans. <i>Neurobiology of Aging</i> , 2018, 61, 1-12. | 1.5 | 89 |
| 60 | 4-Repeat tau seeds and templating subtypes as brain and CSF biomarkers of frontotemporal lobar degeneration. <i>Acta Neuropathologica</i> , 2020, 139, 63-77. | 3.9 | 89 |
| 61 | Neurons selectively targeted in frontotemporal dementia reveal early stage TDP-43 pathobiology. <i>Acta Neuropathologica</i> , 2019, 137, 27-46. | 3.9 | 87 |
| 62 | Patient-Tailored, Connectivity-Based Forecasts of Spreading Brain Atrophy. <i>Neuron</i> , 2019, 104, 856-868.e5. | 3.8 | 85 |
| 63 | Brain arteriolosclerosis. <i>Acta Neuropathologica</i> , 2021, 141, 1-24. | 3.9 | 85 |
| 64 | Plasma Tau and Neurofilament Light in Frontotemporal Lobar Degeneration and Alzheimer Disease. <i>Neurology</i> , 2021, 96, e671-e683. | 1.5 | 84 |
| 65 | Novel MRI techniques in the assessment of dementia. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2008, 35, 58-69. | 3.3 | 79 |
| 66 | Repair of Oxidative DNA Damage, Cell-Cycle Regulation and Neuronal Death May Influence the Clinical Manifestation of Alzheimer's Disease. <i>PLoS ONE</i> , 2014, 9, e99897. | 1.1 | 78 |
| 67 | Increased prevalence of autoimmune disease within C9 and FTD/MND cohorts. <i>Neurology: Neuroimmunology and Neuroinflammation</i> , 2016, 3, e301. | 3.1 | 78 |
| 68 | Rates of Amyloid Imaging Positivity in Patients With Primary Progressive Aphasia. <i>JAMA Neurology</i> , 2018, 75, 342. | 4.5 | 76 |
| 69 | Alzheimer's disease clinical variants show distinct regional patterns of neurofibrillary tangle accumulation. <i>Acta Neuropathologica</i> , 2019, 138, 597-612. | 3.9 | 75 |
| 70 | The mechanistic link between selective vulnerability of the locus coeruleus and neurodegeneration in Alzheimer's disease. <i>Acta Neuropathologica</i> , 2021, 141, 631-650. | 3.9 | 75 |
| 71 | Ataxin-2 as potential disease modifier in C9ORF72 expansion carriers. <i>Neurobiology of Aging</i> , 2014, 35, 2421.e13-2421.e17. | 1.5 | 74 |
| 72 | The human cerebral cortex is neither one nor many: neuronal distribution reveals two quantitatively different zones in the gray matter, three in the white matter, and explains local variations in cortical folding. <i>Frontiers in Neuroanatomy</i> , 2013, 7, 28. | 0.9 | 73 |

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|----|---|-----|-----------|
| 73 | Turning on the Light Within: Subcortical Nuclei of the Isodentritic Core and their Role in Alzheimer's Disease Pathogenesis. <i>Journal of Alzheimer's Disease</i> , 2015, 46, 17-34. | 1.2 | 73 |
| 74 | Profound degeneration of wake-promoting neurons in Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2019, 15, 1253-1263. | 0.4 | 72 |
| 75 | Brainstem: Neglected Locus in Neurodegenerative Diseases. <i>Frontiers in Neurology</i> , 2011, 2, 42. | 1.1 | 69 |
| 76 | Staging Alzheimer's disease progression with multimodality neuroimaging. <i>Progress in Neurobiology</i> , 2011, 95, 535-546. | 2.8 | 68 |
| 77 | Dementia in Latin America: Paving the way toward a regional action plan. <i>Alzheimer's and Dementia</i> , 2021, 17, 295-313. | 0.4 | 68 |
| 78 | Frequency of LATE neuropathologic change across the spectrum of Alzheimer's disease neuropathology: combined data from 13 community-based or population-based autopsy cohorts. <i>Acta Neuropathologica</i> , 2022, 144, 27-44. | 3.9 | 67 |
| 79 | Longitudinal multimodal imaging and clinical endpoints for frontotemporal dementia clinical trials. <i>Brain</i> , 2019, 142, 443-459. | 3.7 | 65 |
| 80 | Toward a pathological definition of vascular dementia. <i>Journal of the Neurological Sciences</i> , 2010, 299, 136-138. | 0.3 | 64 |
| 81 | Post-Mortem diagnosis of dementia by informant interview. <i>Dementia E Neuropsychologia</i> , 2010, 4, 138-144. | 0.3 | 62 |
| 82 | A Comprehensive Resource for Induced Pluripotent Stem Cells from Patients with Primary Tauopathies. <i>Stem Cell Reports</i> , 2019, 13, 939-955. | 2.3 | 62 |
| 83 | Psychosis in neurodegenerative disease: differential patterns of hallucination and delusion symptoms. <i>Brain</i> , 2021, 144, 999-1012. | 3.7 | 61 |
| 84 | Similar Microglial Cell Densities across Brain Structures and Mammalian Species: Implications for Brain Tissue Function. <i>Journal of Neuroscience</i> , 2020, 40, 4622-4643. | 1.7 | 60 |
| 85 | Argyrophilic Grain Disease: Demographics, Clinical, and Neuropathological Features From a Large Autopsy Study. <i>Journal of Neuropathology and Experimental Neurology</i> , 2016, 75, 628-635. | 0.9 | 59 |
| 86 | Multiple system atrophy prions retain strain specificity after serial propagation in two different Tg(SNCA ^{A53T}) mouse lines. <i>Acta Neuropathologica</i> , 2019, 137, 437-454. | 3.9 | 58 |
| 87 | Specificity for latent C termini links the E3 ubiquitin ligase CHIP to caspases. <i>Nature Chemical Biology</i> , 2019, 15, 786-794. | 3.9 | 54 |
| 88 | Diabetes is Not Associated with Alzheimer's Disease Neuropathology. <i>Journal of Alzheimer's Disease</i> , 2017, 60, 1035-1043. | 1.2 | 53 |
| 89 | A novel mutation P112H in the TARDBP gene associated with frontotemporal lobar degeneration without motor neuron disease and abundant neuritic amyloid plaques. <i>Acta Neuropathologica Communications</i> , 2015, 3, 19. | 2.4 | 52 |
| 90 | Regional correlations between [11 C]PIB PET and post-mortem burden of amyloid-beta pathology in a diverse neuropathological cohort. <i>NeuroImage: Clinical</i> , 2017, 13, 130-137. | 1.4 | 50 |

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|-----|---|-----|-----------|
| 91 | Cerebrospinal Fluid Biomarkers in Autopsy-Confirmed Alzheimer Disease and Frontotemporal Lobar Degeneration. <i>Neurology</i> , 2022, 98, . | 1.5 | 49 |
| 92 | Impaired β -glucocerebrosidase activity and processing in frontotemporal dementia due to progranulin mutations. <i>Acta Neuropathologica Communications</i> , 2019, 7, 218. | 2.4 | 47 |
| 93 | Argyrophilic grain disease: An underestimated tauopathy. <i>Dementia E Neuropsychologia</i> , 2015, 9, 2-8. | 0.3 | 46 |
| 94 | Prevalence of Mathematical and Visuospatial Learning Disabilities in Patients With Posterior Cortical Atrophy. <i>JAMA Neurology</i> , 2018, 75, 728. | 4.5 | 46 |
| 95 | Chronic Traumatic Encephalopathy Presenting as Alzheimer's Disease in a Retired Soccer Player. <i>Journal of Alzheimer's Disease</i> , 2016, 54, 169-174. | 1.2 | 43 |
| 96 | Tau Positron Emission Tomographic Findings in a Former US Football Player With Pathologically Confirmed Chronic Traumatic Encephalopathy. <i>JAMA Neurology</i> , 2020, 77, 517. | 4.5 | 43 |
| 97 | Selective Vulnerability of Brainstem Nuclei in Distinct Tauopathies: A Postmortem Study. <i>Journal of Neuropathology and Experimental Neurology</i> , 2018, 77, 149-161. | 0.9 | 42 |
| 98 | Relevance of biomarkers across different neurodegenerative diseases. <i>Alzheimer's Research and Therapy</i> , 2020, 12, 56. | 3.0 | 42 |
| 99 | Prevalence of dementia subtypes in a developing country: a clinicopathological study. <i>Clinics</i> , 2013, 68, 1140-1145. | 0.6 | 42 |
| 100 | Clinicopathological Study of Patients With <i>C9ORF72</i> -Associated Frontotemporal Dementia Presenting With Delusions. <i>Journal of Geriatric Psychiatry and Neurology</i> , 2015, 28, 99-107. | 1.2 | 41 |
| 101 | Cerebral amyloid angiopathy impact on endothelium. <i>Experimental Gerontology</i> , 2012, 47, 838-842. | 1.2 | 40 |
| 102 | Cerebrospinal fluid biomarkers predict frontotemporal dementia trajectory. <i>Annals of Clinical and Translational Neurology</i> , 2018, 5, 1250-1263. | 1.7 | 40 |
| 103 | Transcriptional Alterations Related to Neuropathology and Clinical Manifestation of Alzheimer's Disease. <i>PLoS ONE</i> , 2012, 7, e48751. | 1.1 | 39 |
| 104 | Multisite Assessment of Aging-Related Tau Astroglial Pathology (ARTAG). <i>Journal of Neuropathology and Experimental Neurology</i> , 2017, 76, 605-619. | 0.9 | 38 |
| 105 | Assessment of factors that confound MRI and neuropathological correlation of human postmortem brain tissue. <i>Cell and Tissue Banking</i> , 2008, 9, 195-203. | 0.5 | 37 |
| 106 | Atherosclerosis and Dementia. <i>Stroke</i> , 2011, 42, 3614-3615. | 1.0 | 37 |
| 107 | Saliency Network Atrophy Links Neuron Type-Specific Pathobiology to Loss of Empathy in Frontotemporal Dementia. <i>Cerebral Cortex</i> , 2020, 30, 5387-5399. | 1.6 | 37 |
| 108 | Differential DNA Methylation of MicroRNA Genes in Temporal Cortex from Alzheimer's Disease Individuals. <i>Neural Plasticity</i> , 2016, 2016, 1-10. | 1.0 | 36 |

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|-----|--|-----|-----------|
| 109 | Early vs late age at onset frontotemporal dementia and frontotemporal lobar degeneration. <i>Neurology</i> , 2018, 90, e1047-e1056. | 1.5 | 36 |
| 110 | The role of co-neurotransmitters in sleep and wake regulation. <i>Molecular Psychiatry</i> , 2019, 24, 1284-1295. | 4.1 | 36 |
| 111 | Sleepless Night and Day, the Plight of Progressive Supranuclear Palsy. <i>Sleep</i> , 2017, 40, . | 0.6 | 35 |
| 112 | Astrocytic Tau Deposition Is Frequent in Typical and Atypical Alzheimer Disease Presentations. <i>Journal of Neuropathology and Experimental Neurology</i> , 2019, 78, 1112-1123. | 0.9 | 34 |
| 113 | Preferential tau aggregation in von Economo neurons and fork cells in frontotemporal lobar degeneration with specific MAPT variants. <i>Acta Neuropathologica Communications</i> , 2019, 7, 159. | 2.4 | 34 |
| 114 | Diagnostic Accuracy of Amyloid versus ¹⁸ F-Fluorodeoxyglucose Positron Emission Tomography in Autopsy-Confirmed Dementia. <i>Annals of Neurology</i> , 2021, 89, 389-401. | 2.8 | 34 |
| 115 | Sex differences in the behavioral variant of frontotemporal dementia: A new window to executive and behavioral reserve. <i>Alzheimer's and Dementia</i> , 2021, 17, 1329-1341. | 0.4 | 34 |
| 116 | The Longitudinal Early-Onset Alzheimer's Disease Study (LEADS): Framework and methodology. <i>Alzheimer's and Dementia</i> , 2021, 17, 2043-2055. | 0.4 | 34 |
| 117 | Right temporal degeneration and socioemotional semantics: semantic behavioural variant frontotemporal dementia. <i>Brain</i> , 2022, 145, 4080-4096. | 3.7 | 34 |
| 118 | Predicting amyloid status in corticobasal syndrome using modified clinical criteria, magnetic resonance imaging and fluorodeoxyglucose positron emission tomography. <i>Alzheimer's Research and Therapy</i> , 2015, 7, 8. | 3.0 | 32 |
| 119 | Low brain-derived neurotrophic factor levels in post-mortem brains of older adults with depression and dementia in a large clinicopathological sample. <i>Journal of Affective Disorders</i> , 2018, 241, 176-181. | 2.0 | 31 |
| 120 | Neuropathological correlates of structural and functional imaging biomarkers in 4-repeat tauopathies. <i>Brain</i> , 2019, 142, 2068-2081. | 3.7 | 30 |
| 121 | Rare variants in the neuronal ceroid lipofuscinosis gene MFSD8 are candidate risk factors for frontotemporal dementia. <i>Acta Neuropathologica</i> , 2019, 137, 71-88. | 3.9 | 29 |
| 122 | Evidence of corticofugal tau spreading in patients with frontotemporal dementia. <i>Acta Neuropathologica</i> , 2020, 139, 27-43. | 3.9 | 29 |
| 123 | Tau-driven degeneration of sleep- and wake-regulating neurons in Alzheimer's disease. <i>Sleep Medicine Reviews</i> , 2021, 60, 101541. | 3.8 | 29 |
| 124 | Improved detection of incipient vascular changes by a biotechnological platform combining post mortem MRI in situ with neuropathology. <i>Journal of the Neurological Sciences</i> , 2009, 283, 2-8. | 0.3 | 28 |
| 125 | High thickness histological sections as alternative to study the three-dimensional microscopic human sub-cortical neuroanatomy. <i>Brain Structure and Function</i> , 2018, 223, 1121-1132. | 1.2 | 28 |
| 126 | Inefficient quality control of ribosome stalling during APP synthesis generates CAT-tailed species that precipitate hallmarks of Alzheimer's disease. <i>Acta Neuropathologica Communications</i> , 2021, 9, 169. | 2.4 | 28 |

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|-----|---|-----|-----------|
| 127 | Effect of laser phototherapy on wound healing following cerebral ischemia by cryogenic injury. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2011, 105, 207-215. | 1.7 | 27 |
| 128 | Validity of the Katz Index to assess activities of daily living by informants in neuropathological studies. <i>Revista Da Escola De Enfermagem Da U S P</i> , 2015, 49, 944-950. | 0.3 | 27 |
| 129 | B Lymphocytes and Macrophages in the Perivascular Adipose Tissue Are Associated With Coronary Atherosclerosis: An Autopsy Study. <i>Journal of the American Heart Association</i> , 2019, 8, e013793. | 1.6 | 27 |
| 130 | Complex Network-Driven View of Genomic Mechanisms Underlying Parkinson's Disease: Analyses in Dorsal Motor Vagal Nucleus, Locus Coeruleus, and Substantia Nigra. <i>BioMed Research International</i> , 2014, 2014, 1-16. | 0.9 | 26 |
| 131 | Brain atrophy in primary progressive aphasia involves the cholinergic basal forebrain and Ayala's nucleus. <i>Psychiatry Research - Neuroimaging</i> , 2014, 221, 187-194. | 0.9 | 25 |
| 132 | Automating cell detection and classification in human brain fluorescent microscopy images using dictionary learning and sparse coding. <i>Journal of Neuroscience Methods</i> , 2017, 282, 20-33. | 1.3 | 25 |
| 133 | Language and spatial dysfunction in Alzheimer disease with white matter thorn-shaped astrocytes. <i>Neurology</i> , 2020, 94, e1353-e1364. | 1.5 | 25 |
| 134 | Evaluating and treating neurobehavioral symptoms in professional American football players. <i>Neurology: Clinical Practice</i> , 2015, 5, 285-295. | 0.8 | 24 |
| 135 | Neuropsychiatric Inventory in Community-Dwelling Older Adults with Mild Cognitive Impairment and Dementia. <i>Journal of Alzheimer's Disease</i> , 2019, 68, 669-678. | 1.2 | 24 |
| 136 | Higher Prevalence of α 3 Proteinopathy in Cognitively Normal Asians: A Clinicopathological Study on a Multiethnic Sample. <i>Brain Pathology</i> , 2016, 26, 177-185. | 2.1 | 23 |
| 137 | Primary progressive aphasia and the FTD-MND spectrum disorders: clinical, pathological, and neuroimaging correlates. <i>Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</i> , 2019, 20, 146-158. | 1.1 | 23 |
| 138 | Lower mitochondrial DNA content but not increased mutagenesis associates with decreased base excision repair activity in brains of AD subjects. <i>Neurobiology of Aging</i> , 2019, 73, 161-170. | 1.5 | 23 |
| 139 | Argyrophilic grain disease: An update on a frequent cause of dementia. <i>Dementia E Neuropsychologia</i> , 2009, 3, 2-7. | 0.3 | 21 |
| 140 | GRN and MAPT Mutations in 2 Frontotemporal Dementia Research Centers in Brazil. <i>Alzheimer Disease and Associated Disorders</i> , 2016, 30, 310-317. | 0.6 | 21 |
| 141 | The role of artificial intelligence and machine learning in harmonization of high-resolution post-mortem MRI (virtopsy) with respect to brain microstructure. <i>Brain Informatics</i> , 2019, 6, 3. | 1.8 | 20 |
| 142 | Neuropathological lesions in the very old: results from a large Brazilian autopsy study. <i>Brain Pathology</i> , 2019, 29, 771-781. | 2.1 | 20 |
| 143 | Subcortical Neuronal Correlates of Sleep in Neurodegenerative Diseases. <i>JAMA Neurology</i> , 2022, 79, 498. | 4.5 | 20 |
| 144 | A review on shared clinical and molecular mechanisms between bipolar disorder and frontotemporal dementia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 93, 269-283. | 2.5 | 19 |

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