

# David Irwin

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

206  
papers

8,977  
citations

48  
h-index

91  
g-index

251  
ext. papers

11,819  
ext. citations

7.1  
avg, IF

6.01  
L-index

| #   | Paper  | IF   | Citations |
|-----|--|------|-----------|
| 206 | Clinical diagnosis of progressive supranuclear palsy: The movement disorder society criteria. <i>Movement Disorders</i> , <b>2017</b> , 32, 853-864  | 7    | 840       |
| 205 | Stages of pTDP-43 pathology in amyotrophic lateral sclerosis. <i>Annals of Neurology</i> , <b>2013</b> , 74, 20-38   | 9.4  | 588       |
| 204 | Parkinson's disease dementia: convergence of $\beta$ -synuclein, tau and amyloid- $\beta$ pathologies. <i>Nature Reviews Neuroscience</i> , <b>2013</b> , 14, 626-36   | 13.5 | 495       |
| 203 | Neuropathologic substrates of Parkinson disease dementia. <i>Annals of Neurology</i> , <b>2012</b> , 72, 587-98  | 9.4  | 316       |
| 202 | Neuropathological and genetic correlates of survival and dementia onset in synucleinopathies: a retrospective analysis. <i>Lancet Neurology</i> , <b>2017</b> , 16, 55-65  | 24.1 | 273       |
| 201 | Association of cerebrospinal fluid $\beta$ -amyloid 1-42, T-tau, P-tau181, and $\beta$ -synuclein levels with clinical features of drug-naive patients with early Parkinson disease. <i>JAMA Neurology</i> , <b>2013</b> , 70, 1277-87 | 17.2 | 252       |
| 200 | Neurodegenerative disease concomitant proteinopathies are prevalent, age-related and APOE4-associated. <i>Brain</i> , <b>2018</b> , 141, 2181-2193   | 11.2 | 245       |
| 199 | APOE $\epsilon$ increases risk for dementia in pure synucleinopathies. <i>JAMA Neurology</i> , <b>2013</b> , 70, 223-8   | 17.2 | 243       |
| 198 | Sequential distribution of pTDP-43 pathology in behavioral variant frontotemporal dementia (bvFTD). <i>Acta Neuropathologica</i> , <b>2014</b> , 127, 423-439  | 14.3 | 183       |
| 197 | Acetylated tau, a novel pathological signature in Alzheimer's disease and other tauopathies. <i>Brain</i> , <b>2012</b> , 135, 807-18  | 11.2 | 171       |
| 196 | Frontotemporal lobar degeneration: defining phenotypic diversity through personalized medicine. <i>Acta Neuropathologica</i> , <b>2015</b> , 129, 469-91   | 14.3 | 165       |
| 195 | Pattern of ubiquilin pathology in ALS and FTLD indicates presence of C9ORF72 hexanucleotide expansion. <i>Acta Neuropathologica</i> , <b>2012</b> , 123, 825-39  | 14.3 | 148       |
| 194 | TDP-43 pathology and neuronal loss in amyotrophic lateral sclerosis spinal cord. <i>Acta Neuropathologica</i> , <b>2014</b> , 128, 423-37  | 14.3 | 143       |
| 193 | Evaluation of potential infectivity of Alzheimer and Parkinson disease proteins in recipients of cadaver-derived human growth hormone. <i>JAMA Neurology</i> , <b>2013</b> , 70, 462-8   | 17.2 | 139       |
| 192 | CSF biomarkers associated with disease heterogeneity in early Parkinson's disease: the Parkinson's Progression Markers Initiative study. <i>Acta Neuropathologica</i> , <b>2016</b> , 131, 935-49                                      | 14.3 | 138       |
| 191 | C9orf72 hypermethylation protects against repeat expansion-associated pathology in ALS/FTD. <i>Acta Neuropathologica</i> , <b>2014</b> , 128, 525-41   | 14.3 | 138       |
| 190 | A platform for discovery: The University of Pennsylvania Integrated Neurodegenerative Disease Biobank. <i>Alzheimer's and Dementia</i> , <b>2014</b> , 10, 477-484.e1  | 1.2  | 118       |

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| 189 | Cognitive decline and reduced survival in C9orf72 expansion frontotemporal degeneration and amyotrophic lateral sclerosis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2013</b> , 84, 163-9      | 5.5  | 112 |
| 188 | Deep clinical and neuropathological phenotyping of Pick disease. <i>Annals of Neurology</i> , <b>2016</b> , 79, 272-87   | 9.4  | 106 |
| 187 | Positron Emission Tomography Imaging With [18F]flortaucipir and Postmortem Assessment of Alzheimer Disease Neuropathologic Changes. <i>JAMA Neurology</i> , <b>2020</b> , 77, 829-839                              | 17.2 | 105 |
| 186 | Tauopathies as clinicopathological entities. <i>Parkinsonism and Related Disorders</i> , <b>2016</b> , 22 Suppl 1, S29-33  | 3.6  | 105 |
| 185 | Hypermethylation of repeat expanded C9orf72 is a clinical and molecular disease modifier. <i>Acta Neuropathologica</i> , <b>2015</b> , 129, 39-52  | 14.3 | 98  |
| 184 | Expansion of the classification of FTLTDP: distinct pathology associated with rapidly progressive frontotemporal degeneration. <i>Acta Neuropathologica</i> , <b>2017</b> , 134, 65-78                             | 14.3 | 96  |
| 183 | Association of Cerebrospinal Fluid Neurofilament Light Protein Levels With Cognition in Patients With Dementia, Motor Neuron Disease, and Movement Disorders. <i>JAMA Neurology</i> , <b>2019</b> , 76, 318-325    | 17.2 | 94  |
| 182 | Pathological Synuclein distribution in subjects with coincident Alzheimer's and Lewy body pathology. <i>Acta Neuropathologica</i> , <b>2016</b> , 131, 393-409   | 14.3 | 93  |
| 181 | Age at symptom onset and death and disease duration in genetic frontotemporal dementia: an international retrospective cohort study. <i>Lancet Neurology</i> , <b>2020</b> , 19, 145-156                           | 24.1 | 90  |
| 180 | Which ante mortem clinical features predict progressive supranuclear palsy pathology?. <i>Movement Disorders</i> , <b>2017</b> , 32, 995-1005  | 7    | 88  |
| 179 | Development and validation of pedigree classification criteria for frontotemporal lobar degeneration. <i>JAMA Neurology</i> , <b>2013</b> , 70, 1411-7   | 17.2 | 87  |
| 178 | Differentiating primary progressive aphasia in a brief sample of connected speech. <i>Neurology</i> , <b>2013</b> , 81, 329-36   | 6.5  | 86  |
| 177 | Circulating brain-enriched microRNAs as novel biomarkers for detection and differentiation of neurodegenerative diseases. <i>Alzheimer's Research and Therapy</i> , <b>2017</b> , 9, 89                            | 9    | 85  |
| 176 | Distribution patterns of tau pathology in progressive supranuclear palsy. <i>Acta Neuropathologica</i> , <b>2020</b> , 140, 99-119   | 14.3 | 84  |
| 175 | Comparison of cerebrospinal fluid levels of tau and Aβ <sub>1-42</sub> in Alzheimer disease and frontotemporal degeneration using 2 analytical platforms. <i>Archives of Neurology</i> , <b>2012</b> , 69, 1018-25 |      | 84  |
| 174 | Cerebrospinal fluid neurogranin concentration in neurodegeneration: relation to clinical phenotypes and neuropathology. <i>Acta Neuropathologica</i> , <b>2018</b> , 136, 363-376                                  | 14.3 | 83  |
| 173 | Acetylated tau neuropathology in sporadic and hereditary tauopathies. <i>American Journal of Pathology</i> , <b>2013</b> , 183, 344-51   | 5.8  | 83  |
| 172 | Prevalence of amyloid-β pathology in distinct variants of primary progressive aphasia. <i>Annals of Neurology</i> , <b>2018</b> , 84, 729-740  | 9.4  | 74  |

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| 171 | Clinical marker for Alzheimer disease pathology in logopenic primary progressive aphasia. <i>Neurology</i> , <b>2017</b> , 88, 2276-2284   | 6.5  | 72 |
| 170 | Evaluating the Patterns of Aging-Related Tau Astroglipathy Unravels Novel Insights Into Brain Aging and Neurodegenerative Diseases. <i>Journal of Neuropathology and Experimental Neurology</i> , <b>2017</b> , 76, 270-288                              | 3.1  | 71 |
| 169 | White matter imaging helps dissociate tau from TDP-43 in frontotemporal lobar degeneration. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2013</b> , 84, 949-55  | 5.5  | 70 |
| 168 | Cerebrospinal fluid biomarkers for differentiation of frontotemporal lobar degeneration from Alzheimer's disease. <i>Frontiers in Aging Neuroscience</i> , <b>2013</b> , 5, 6  | 5.3  | 69 |
| 167 | Multimodal evaluation demonstrates in vivo F-AV-1451 uptake in autopsy-confirmed corticobasal degeneration. <i>Acta Neuropathologica</i> , <b>2016</b> , 132, 935-937  | 14.3 | 65 |
| 166 | Disruption of large-scale neural networks in non-fluent/agrammatic variant primary progressive aphasia associated with frontotemporal degeneration pathology. <i>Brain and Language</i> , <b>2013</b> , 127, 106-20 <sup>2.9</sup>                       | 2.9  | 63 |
| 165 | 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> , <b>2018</b> , 17, 548-558                                  | 24.1 | 60 |
| 164 | Phosphorylated tau as a candidate biomarker for amyotrophic lateral sclerosis. <i>JAMA Neurology</i> , <b>2014</b> , 71, 442-8   | 17.2 | 58 |
| 163 | How to apply the movement disorder society criteria for diagnosis of progressive supranuclear palsy. <i>Movement Disorders</i> , <b>2019</b> , 34, 1228-1232   | 7    | 56 |
| 162 | C9orf72 promoter hypermethylation is neuroprotective: Neuroimaging and neuropathologic evidence. <i>Neurology</i> , <b>2015</b> , 84, 1622-30  | 6.5  | 55 |
| 161 | Semi-automated quantification of C9orf72 expansion size reveals inverse correlation between hexanucleotide repeat number and disease duration in frontotemporal degeneration. <i>Acta Neuropathologica</i> , <b>2015</b> , 130, 363-72                   | 14.3 | 53 |
| 160 | Genome-wide analyses as part of the international FTLT-DTP whole-genome sequencing consortium reveals novel disease risk factors and increases support for immune dysfunction in FTLT. <i>Acta Neuropathologica</i> , <b>2019</b> , 137, 879-899         | 14.3 | 50 |
| 159 | Elevated CSF GAP-43 is Alzheimer's disease specific and associated with tau and amyloid pathology. <i>Alzheimer's and Dementia</i> , <b>2019</b> , 15, 55-64   | 1.2  | 50 |
| 158 | The Contribution of Tau, Amyloid-Beta and Alpha-Synuclein Pathology to Dementia in Lewy Body Disorders <b>2018</b> , 8,  |      | 48 |
| 157 | CSF tau and amyloid predict cerebral synucleinopathy in autopsied Lewy body disorders. <i>Neurology</i> , <b>2018</b> , 90, e1038-e1046  | 6.5  | 43 |
| 156 | Comparative semantic profiles in semantic dementia and Alzheimer's disease. <i>Brain</i> , <b>2013</b> , 136, 2497-509 <sup>1.2</sup>  | 1.2  | 43 |
| 155 | Detection of Alzheimer Disease (AD)-Specific Tau Pathology in AD and NonAD Tauopathies by Immunohistochemistry With Novel Conformation-Selective Tau Antibodies. <i>Journal of Neuropathology and Experimental Neurology</i> , <b>2018</b> , 77, 216-228 | 3.1  | 42 |
| 154 | Apathy in Frontotemporal Degeneration: Neuroanatomical Evidence of Impaired Goal-directed Behavior. <i>Frontiers in Human Neuroscience</i> , <b>2015</b> , 9, 611  | 3.3  | 41 |

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|-----|---|------|----|
| 153 | Grammatical comprehension deficits in non-fluent/agrammatic primary progressive aphasia. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2014</b> , 85, 249-56          | 5.5  | 41 |
| 152 | Cognitive and Pathological Influences of Tau Pathology in Lewy Body Disorders. <i>Annals of Neurology</i> , <b>2019</b> , 85, 259-271   | 9.4  | 41 |
| 151 | Genetic and neuroanatomic associations in sporadic frontotemporal lobar degeneration. <i>Neurobiology of Aging</i> , <b>2014</b> , 35, 1473-82  | 5.6  | 38 |
| 150 | Neocortical origin and progression of gray matter atrophy in nonamnesic Alzheimer's disease. <i>Neurobiology of Aging</i> , <b>2018</b> , 63, 75-87                                   | 5.6  | 37 |
| 149 | Deficits in sentence expression in amyotrophic lateral sclerosis. <i>Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</i> , <b>2015</b> , 16, 31-9                       | 3.6  | 36 |
| 148 | Tau PET imaging predicts cognition in atypical variants of Alzheimer's disease. <i>Human Brain Mapping</i> , <b>2018</b> , 39, 691-708  | 5.9  | 36 |
| 147 | Asymmetry of post-mortem neuropathology in behavioural-variant frontotemporal dementia. <i>Brain</i> , <b>2018</b> , 141, 288-301   | 11.2 | 34 |
| 146 | Progression of alpha-synuclein pathology in multiple system atrophy of the cerebellar type. <i>Neuropathology and Applied Neurobiology</i> , <b>2017</b> , 43, 315-329                | 5.2  | 33 |
| 145 | A 2-Step Cerebrospinal Algorithm for the Selection of Frontotemporal Lobar Degeneration Subtypes. <i>JAMA Neurology</i> , <b>2018</b> , 75, 738-745                                   | 17.2 | 32 |
| 144 | Neural Correlates of Verbal Episodic Memory and Lexical Retrieval in Logopenic Variant Primary Progressive Aphasia. <i>Frontiers in Neuroscience</i> , <b>2017</b> , 11, 330          | 5.1  | 29 |
| 143 | Multisite Assessment of Aging-Related Tau Astroglial Pathology (ARTAG). <i>Journal of Neuropathology and Experimental Neurology</i> , <b>2017</b> , 76, 605-619                       | 3.1  | 28 |
| 142 | Ante mortem cerebrospinal fluid tau levels correlate with postmortem tau pathology in frontotemporal lobar degeneration. <i>Annals of Neurology</i> , <b>2017</b> , 82, 247-258       | 9.4  | 28 |
| 141 | Automatic measurement of prosody in behavioral variant FTD. <i>Neurology</i> , <b>2017</b> , 89, 650-656  | 6.5  | 28 |
| 140 | Alzheimer-like amyloid and tau alterations associated with cognitive deficit in temporal lobe epilepsy. <i>Brain</i> , <b>2020</b> , 143, 191-209                                     | 11.2 | 28 |
| 139 | Cognitive reserve in frontotemporal degeneration: Neuroanatomic and neuropsychological evidence. <i>Neurology</i> , <b>2016</b> , 87, 1813-1819                                       | 6.5  | 28 |
| 138 | Utility of the global CDR plus NACC FTLD rating and development of scoring rules: Data from the ARTFL/LEFFTDS Consortium. <i>Alzheimer's and Dementia</i> , <b>2020</b> , 16, 106-117 | 1.2  | 27 |
| 137 | Cerebrospinal fluid Synuclein contributes to the differential diagnosis of Alzheimer's disease. <i>Alzheimer's and Dementia</i> , <b>2018</b> , 14, 1052-1062                         | 1.2  | 27 |
| 136 | Semi-Automated Digital Image Analysis of Pick's Disease and TDP-43 Proteinopathy. <i>Journal of Histochemistry and Cytochemistry</i> , <b>2016</b> , 64, 54-66                        | 3.4  | 27 |

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|-----|--|------|----|
| 135 | Narrative discourse deficits in amyotrophic lateral sclerosis. <i>Neurology</i> , <b>2014</b> , 83, 520-8  | 6.5  | 27 |
| 134 | Levetiracetam: a practical option for seizure management in elderly patients with cognitive impairment. <i>American Journal of Alzheimer's Disease and Other Dementias</i> , <b>2010</b> , 25, 149-54            | 2.5  | 27 |
| 133 | SpaGCN: Integrating gene expression, spatial location and histology to identify spatial domains and spatially variable genes by graph convolutional network. <i>Nature Methods</i> , <b>2021</b> , 18, 1342-1351 | 21.6 | 27 |
| 132 | Autosomal dominant VCP hypomorph mutation impairs disaggregation of PHF-tau. <i>Science</i> , <b>2020</b> , 370,   | 33.3 | 27 |
| 131 | Pathological Influences on Clinical Heterogeneity in Lewy Body Diseases. <i>Movement Disorders</i> , <b>2020</b> , 35, 5-19  | 7    | 26 |
| 130 | Longitudinal decline in speech production in Parkinson's disease spectrum disorders. <i>Brain and Language</i> , <b>2017</b> , 171, 42-51  | 2.9  | 25 |
| 129 | Genetic screening of a large series of North American sporadic and familial frontotemporal dementia cases. <i>Alzheimer's and Dementia</i> , <b>2020</b> , 16, 118-130   | 1.2  | 25 |
| 128 | Divergent patterns of TDP-43 and tau pathologies in primary progressive aphasia. <i>Annals of Neurology</i> , <b>2019</b> , 85, 630-643  | 9.4  | 23 |
| 127 | TMEM106B Effect on cognition in Parkinson disease and frontotemporal dementia. <i>Annals of Neurology</i> , <b>2019</b> , 85, 801-811  | 9.4  | 23 |
| 126 | Occupational attainment influences survival in autopsy-confirmed frontotemporal degeneration. <i>Neurology</i> , <b>2015</b> , 84, 2070-5  | 6.5  | 23 |
| 125 | Tau immunophenotypes in chronic traumatic encephalopathy recapitulate those of ageing and Alzheimer's disease. <i>Brain</i> , <b>2020</b> , 143, 1572-1587   | 11.2 | 23 |
| 124 | Optical coherence tomography identifies outer retina thinning in frontotemporal degeneration. <i>Neurology</i> , <b>2017</b> , 89, 1604-1611   | 6.5  | 23 |
| 123 | Emerging Diagnostic and Therapeutic Strategies for Tauopathies. <i>Current Neurology and Neuroscience Reports</i> , <b>2017</b> , 17, 72   | 6.6  | 23 |
| 122 | Validation of the movement disorder society criteria for the diagnosis of 4-repeat tauopathies. <i>Movement Disorders</i> , <b>2020</b> , 35, 171-176  | 7    | 23 |
| 121 | Multimodal imaging evidence of pathology-mediated disease distribution in corticobasal syndrome. <i>Neurology</i> , <b>2016</b> , 87, 1227-34  | 6.5  | 22 |
| 120 | Getting on the same page: the neural basis for social coordination deficits in behavioral variant frontotemporal degeneration. <i>Neuropsychologia</i> , <b>2015</b> , 69, 56-66                                 | 3.2  | 22 |
| 119 | Contribution of mixed pathology to medial temporal lobe atrophy in Alzheimer's disease. <i>Alzheimer's and Dementia</i> , <b>2020</b> , 16, 843-852  | 1.2  | 20 |
| 118 | Neuron loss and degeneration in the progression of TDP-43 in frontotemporal lobar degeneration. <i>Acta Neuropathologica Communications</i> , <b>2017</b> , 5, 68  | 7.3  | 20 |

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|-----|--|------|----|
| 117 | Validated automatic speech biomarkers in primary progressive aphasia. <i>Annals of Clinical and Translational Neurology</i> , <b>2019</b> , 6, 4-14  | 5.3  | 19 |
| 116 | Novel monoclonal antibodies to normal and pathologically altered human TDP-43 proteins. <i>Acta Neuropathologica Communications</i> , <b>2014</b> , 2, 33  | 7.3  | 19 |
| 115 | Can MRI screen for CSF biomarkers in neurodegenerative disease?. <i>Neurology</i> , <b>2013</b> , 80, 132-8  | 6.5  | 19 |
| 114 | The longitudinal evaluation of familial frontotemporal dementia subjects protocol: Framework and methodology. <i>Alzheimer's and Dementia</i> , <b>2020</b> , 16, 22-36  | 1.2  | 19 |
| 113 | UNC13A polymorphism contributes to frontotemporal disease in sporadic amyotrophic lateral sclerosis. <i>Neurobiology of Aging</i> , <b>2019</b> , 73, 190-199  | 5.6  | 19 |
| 112 | Longitudinal progression of grey matter atrophy in non-amnesic Alzheimer's disease. <i>Brain</i> , <b>2019</b> , 142, 1701-1722  | 11.2 | 18 |
| 111 | A comparison of Alzheimer's amyloid pathology staging systems and correlation with clinical diagnosis. <i>Acta Neuropathologica</i> , <b>2014</b> , 128, 543-50  | 14.3 | 18 |
| 110 | Assessment of executive function declines in presymptomatic and mildly symptomatic familial frontotemporal dementia: NIH-EXAMINER as a potential clinical trial endpoint. <i>Alzheimer's and Dementia</i> , <b>2020</b> , 16, 11-21                    | 1.2  | 18 |
| 109 | Individualized atrophy scores predict dementia onset in familial frontotemporal lobar degeneration. <i>Alzheimer's and Dementia</i> , <b>2020</b> , 16, 37-48  | 1.2  | 18 |
| 108 | Myelin oligodendrocyte basic protein and prognosis in behavioral-variant frontotemporal dementia. <i>Neurology</i> , <b>2014</b> , 83, 502-9   | 6.5  | 17 |
| 107 | Clinical and volumetric changes with increasing functional impairment in familial frontotemporal lobar degeneration. <i>Alzheimer's and Dementia</i> , <b>2020</b> , 16, 49-59   | 1.2  | 17 |
| 106 | Dissociable substrates underlie the production of abstract and concrete nouns. <i>Brain and Language</i> , <b>2017</b> , 165, 45-54  | 2.9  | 16 |
| 105 | Evolution of Alzheimer's Disease Cerebrospinal Fluid Biomarkers in Early Parkinson's Disease. <i>Annals of Neurology</i> , <b>2020</b> , 88, 574-587   | 9.4  | 16 |
| 104 | An HDAC6-dependent surveillance mechanism suppresses tau-mediated neurodegeneration and cognitive decline. <i>Nature Communications</i> , <b>2020</b> , 11, 5522   | 17.4 | 16 |
| 103 | Converging Patterns of Synuclein Pathology in Multiple System Atrophy. <i>Journal of Neuropathology and Experimental Neurology</i> , <b>2018</b> , 77, 1005-1016   | 3.1  | 16 |
| 102 | Longitudinal structural gray matter and white matter MRI changes in presymptomatic progranulin mutation carriers. <i>NeuroImage: Clinical</i> , <b>2018</b> , 19, 497-506  | 5.3  | 16 |
| 101 | Detection of Alzheimer's disease (AD) specific tau pathology with conformation-selective anti-tau monoclonal antibody in co-morbid frontotemporal lobar degeneration-tau (FTLD-tau). <i>Acta Neuropathologica Communications</i> , <b>2019</b> , 7, 34 | 7.3  | 15 |
| 100 | Clinical Conditions "Suggestive of Progressive Supranuclear Palsy"-Diagnostic Performance. <i>Movement Disorders</i> , <b>2020</b> , 35, 2301-2313   | 7    | 15 |

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|----|---|------|----|
| 99 | Elevated YKL-40 and low sAPP $\beta$ /YKL-40 ratio in antemortem cerebrospinal fluid of patients with pathologically confirmed FTLT. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2019</b> , 90, 180-186 | 5.5  | 15 |
| 98 | Clinical value of cerebrospinal fluid neurofilament light chain in semantic dementia. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2019</b> , 90, 997-1004   | 5.5  | 13 |
| 97 | Dissociation of quantifiers and object nouns in speech in focal neurodegenerative disease. <i>Neuropsychologia</i> , <b>2016</b> , 89, 141-152  | 3.2  | 13 |
| 96 | Estimating frontal and parietal involvement in cognitive estimation: a study of focal neurodegenerative diseases. <i>Frontiers in Human Neuroscience</i> , <b>2015</b> , 9, 317   | 3.3  | 13 |
| 95 | A longitudinal study of speech production in primary progressive aphasia and behavioral variant frontotemporal dementia. <i>Brain and Language</i> , <b>2019</b> , 194, 46-57   | 2.9  | 12 |
| 94 | Primary Tau Pathology, Not Copathology, Correlates With Clinical Symptoms in PSP and CBD. <i>Journal of Neuropathology and Experimental Neurology</i> , <b>2020</b> , 79, 296-304   | 3.1  | 12 |
| 93 | Plasma Neurofilament Light for Prediction of Disease Progression in Familial Frontotemporal Lobar Degeneration. <i>Neurology</i> , <b>2021</b> , 96, e2296-e2312  | 6.5  | 12 |
| 92 | Cognitive Profile and Markers of Alzheimer Disease-Type Pathology in Patients With Lewy Body Dementias. <i>Neurology</i> , <b>2021</b> , 96, e1855-e1864  | 6.5  | 11 |
| 91 | ATN status in amnesic and non-amnesic Alzheimer's disease and frontotemporal lobar degeneration. <i>Brain</i> , <b>2020</b> , 143, 2295-2311  | 11.2 | 11 |
| 90 | Occupational attainment influences longitudinal decline in behavioral variant frontotemporal degeneration. <i>Brain Imaging and Behavior</i> , <b>2019</b> , 13, 293-301  | 4.1  | 11 |
| 89 | Diffusion Tensor MRI to Distinguish Progressive Supranuclear Palsy from $\beta$ Synucleinopathies. <i>Radiology</i> , <b>2019</b> , 293, 646-653  | 20.5 | 10 |
| 88 | Challenges and opportunities for improving the landscape for Lewy body dementia clinical trials. <i>Alzheimer's Research and Therapy</i> , <b>2020</b> , 12, 137  | 9    | 10 |
| 87 | Tracking white matter degeneration in asymptomatic and symptomatic MAPT mutation carriers. <i>Neurobiology of Aging</i> , <b>2019</b> , 83, 54-62   | 5.6  | 9  |
| 86 | Beyond words: Pragmatic inference in behavioral variant of frontotemporal degeneration. <i>Neuropsychologia</i> , <b>2015</b> , 75, 556-64  | 3.2  | 9  |
| 85 | The use of cerebrospinal fluid and neuropathologic studies in neuropsychiatry practice and research. <i>Psychiatric Clinics of North America</i> , <b>2015</b> , 38, 309-22   | 3.1  | 9  |
| 84 | ATN incorporating cerebrospinal fluid neurofilament light chain detects frontotemporal lobar degeneration. <i>Alzheimer's and Dementia</i> , <b>2021</b> , 17, 822-830  | 1.2  | 9  |
| 83 | Three-dimensional mapping of neurofibrillary tangle burden in the human medial temporal lobe. <i>Brain</i> , <b>2021</b> , 144, 2784-2797   | 11.2 | 9  |
| 82 | Persistent and Progressive Outer Retina Thinning in Frontotemporal Degeneration. <i>Frontiers in Neuroscience</i> , <b>2019</b> , 13, 298   | 5.1  | 8  |



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|----|--|------|---|
| 81 | Tauopathy with hippocampal 4-repeat tau immunoreactive spherical inclusions: a report of three cases. <i>Brain Pathology</i> , <b>2018</b> , 28, 274-283   | 6    | 8 |
| 80 | Primary Progressive Aphasia and Stroke Aphasia. <i>CONTINUUM Lifelong Learning in Neurology</i> , <b>2018</b> , 24, 745-767  | 3    | 8 |
| 79 | Defining and predicting transdiagnostic categories of neurodegenerative disease. <i>Nature Biomedical Engineering</i> , <b>2020</b> , 4, 787-800   | 19   | 8 |
| 78 | Tau pathology associates with in vivo cortical thinning in Lewy body disorders. <i>Annals of Clinical and Translational Neurology</i> , <b>2020</b> , 7, 2342-2355   | 5.3  | 8 |
| 77 | Tau immunotherapy is associated with glial responses in FTLT-tau. <i>Acta Neuropathologica</i> , <b>2021</b> , 142, 243-257  | 14.3 | 8 |
| 76 | Empiric Methods to Account for Pre-analytical Variability in Digital Histopathology in Frontotemporal Lobar Degeneration. <i>Frontiers in Neuroscience</i> , <b>2019</b> , 13, 682   | 5.1  | 7 |
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