

# Harry V Vinters

## List of Publications by Citations

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290  
papers

32,633  
citations

85  
h-index

177  
g-index

303  
ext. papers

37,990  
ext. citations

7.1  
avg, IF

6.85  
L-index

#	Paper	IF	Citations
290	Astrocytes: biology and pathology. <i>Acta Neuropathologica</i> , <b>2010</b> , 119, 7-35	14.3	3017
289	An updated definition of stroke for the 21st century: a statement for healthcare professionals from the American Heart Association/American Stroke Association. <i>Stroke</i> , <b>2013</b> , 44, 2064-89	6.7	1580
288	National Institute on Aging-Alzheimer® Association guidelines for the neuropathologic assessment of Alzheimer® disease: a practical approach. <i>Acta Neuropathologica</i> , <b>2012</b> , 123, 1-11	14.3	1425
287	National Institute on Aging-Alzheimer® Association guidelines for the neuropathologic assessment of Alzheimer® disease. <i>Alzheimer's and Dementia</i> , <b>2012</b> , 8, 1-13	1.2	1396
286	Common variants at MS4A4/MS4A6E, CD2AP, CD33 and EPHA1 are associated with late-onset Alzheimer® disease. <i>Nature Genetics</i> , <b>2011</b> , 43, 436-41	36.3	1367
285	National Institute of Neurological Disorders and Stroke-Canadian Stroke Network vascular cognitive impairment harmonization standards. <i>Stroke</i> , <b>2006</b> , 37, 2220-41	6.7	1179
284	The clinicopathologic spectrum of focal cortical dysplasias: a consensus classification proposed by an ad hoc Task Force of the ILAE Diagnostic Methods Commission. <i>Epilepsia</i> , <b>2011</b> , 52, 158-74	6.4	1156
283	Mitochondrial abnormalities in Alzheimer® disease. <i>Journal of Neuroscience</i> , <b>2001</b> , 21, 3017-23	6.6	962
282	Genetic meta-analysis of diagnosed Alzheimer® disease identifies new risk loci and implicates A $\beta$ , tau, immunity and lipid processing. <i>Nature Genetics</i> , <b>2019</b> , 51, 414-430	36.3	917
281	PET of brain amyloid and tau in mild cognitive impairment. <i>New England Journal of Medicine</i> , <b>2006</b> , 355, 2652-63	59.2	573
280	Rare coding variants in PLCG2, ABI3, and TREM2 implicate microglial-mediated innate immunity in Alzheimer® disease. <i>Nature Genetics</i> , <b>2017</b> , 49, 1373-1384	36.3	508
279	Beta-amyloid oligomers induce phosphorylation of tau and inactivation of insulin receptor substrate via c-Jun N-terminal kinase signaling: suppression by omega-3 fatty acids and curcumin. <i>Journal of Neuroscience</i> , <b>2009</b> , 29, 9078-89	6.6	411
278	Common variants at 7p21 are associated with frontotemporal lobar degeneration with TDP-43 inclusions. <i>Nature Genetics</i> , <b>2010</b> , 42, 234-9	36.3	361
277	CT and MRI early vessel signs reflect clot composition in acute stroke. <i>Stroke</i> , <b>2011</b> , 42, 1237-43	6.7	350
276	Cerebral cortical dysplasia associated with pediatric epilepsy. Review of neuropathologic features and proposal for a grading system. <i>Journal of Neuropathology and Experimental Neurology</i> , <b>1995</b> , 54, 137-53	3.1	335
275	Accelerated epigenetic aging in Down syndrome. <i>Aging Cell</i> , <b>2015</b> , 14, 491-5	9.9	333
274	High levels of unintegrated HIV-1 DNA in brain tissue of AIDS dementia patients. <i>Nature</i> , <b>1990</b> , 343, 85-95	50.4	329

273	Assessment and surgical outcomes for mild type I and severe type II cortical dysplasia: a critical review and the UCLA experience. <i>Epilepsia</i> , <b>2009</b> , 50, 1310-35	6.4	293
272	HIV-associated disease of the nervous system: review of nomenclature and proposal for neuropathology-based terminology. <i>Brain Pathology</i> , <b>1991</b> , 1, 143-52	6	279
271	The TSC1 tumour suppressor hamartin regulates cell adhesion through ERM proteins and the GTPase Rho. <i>Nature Cell Biology</i> , <b>2000</b> , 2, 281-7	23.4	275
270	Aging-related tau astroglialopathy (ARTAG): harmonized evaluation strategy. <i>Acta Neuropathologica</i> , <b>2016</b> , 131, 87-102	14.3	272
269	High frequency of apolipoprotein E epsilon 2 allele in hemorrhage due to cerebral amyloid angiopathy. <i>Annals of Neurology</i> , <b>1997</b> , 41, 716-21	9.4	260
268	Microtubule reduction in Alzheimer® disease and aging is independent of tau filament formation. <i>American Journal of Pathology</i> , <b>2003</b> , 162, 1623-7	5.8	252
267	Surgery for intractable infantile spasms: neuroimaging perspectives. <i>Epilepsia</i> , <b>1993</b> , 34, 764-71	6.4	247
266	Embolization of arteriovenous malformations with Onyx: clinicopathological experience in 23 patients. <i>Neurosurgery</i> , <b>2001</b> , 48, 984-95; discussion 995-7	3.2	238
265	Neuropathological basis of magnetic resonance images in aging and dementia. <i>Annals of Neurology</i> , <b>2008</b> , 63, 72-80	9.4	235
264	EGFR signaling through an Akt-SREBP-1-dependent, rapamycin-resistant pathway sensitizes glioblastomas to antiplogenic therapy. <i>Science Signaling</i> , <b>2009</b> , 2, ra82	8.8	225
263	Orbitofrontal and anterior cingulate cortex neurofibrillary tangle burden is associated with agitation in Alzheimer disease. <i>Annals of Neurology</i> , <b>2001</b> , 49, 355-361	9.4	222
262	Oncogenic EGFR signaling activates an mTORC2-NF-B pathway that promotes chemotherapy resistance. <i>Cancer Discovery</i> , <b>2011</b> , 1, 524-38	24.4	218
261	Different features of histopathological subtypes of pediatric focal cortical dysplasia. <i>Annals of Neurology</i> , <b>2008</b> , 63, 758-69	9.4	218
260	Relationships between choline magnetic resonance spectroscopy, apparent diffusion coefficient and quantitative histopathology in human glioma. <i>Journal of Neuro-Oncology</i> , <b>2000</b> , 50, 215-26	4.8	218
259	Neuropathologic substrates of ischemic vascular dementia. <i>Journal of Neuropathology and Experimental Neurology</i> , <b>2000</b> , 59, 931-45	3.1	217
258	Correlation of hypointensities in susceptibility-weighted images to tissue histology in dementia patients with cerebral amyloid angiopathy: a postmortem MRI study. <i>Acta Neuropathologica</i> , <b>2010</b> , 119, 291-302	14.3	212
257	Brain deposition of beta-amyloid is a common pathologic feature in HIV positive patients. <i>Aids</i> , <b>2005</b> , 19, 407-11	3.5	211
256	Cognitive impact of subcortical vascular and Alzheimer® disease pathology. <i>Annals of Neurology</i> , <b>2006</b> , 60, 677-87	9.4	205

255	Profiles of neuropsychological impairment in autopsy-defined Alzheimer® disease and cerebrovascular disease. <i>Brain</i> , <b>2007</b> , 130, 731-9	11.2	200
254	Nonadhesive liquid embolic agent for cerebral arteriovenous malformations: preliminary histopathological studies in swine rete mirabile. <i>Neurosurgery</i> , <b>1998</b> , 43, 1164-75	3.2	196
253	Correlates of hippocampal neuron number in Alzheimer® disease and ischemic vascular dementia. <i>Annals of Neurology</i> , <b>2005</b> , 57, 896-903	9.4	194
252	Mammalian target of rapamycin pathway mutations cause hemimegalencephaly and focal cortical dysplasia. <i>Annals of Neurology</i> , <b>2015</b> , 77, 720-5	9.4	183
251	Point substitution in the central hydrophobic cluster of a human beta-amyloid congener disrupts peptide folding and abolishes plaque competence. <i>Biochemistry</i> , <b>1996</b> , 35, 13914-21	3.2	179
250	Neurosphere formation is an independent predictor of clinical outcome in malignant glioma. <i>Stem Cells</i> , <b>2009</b> , 27, 980-7	5.8	178
249	A novel Alzheimer disease locus located near the gene encoding tau protein. <i>Molecular Psychiatry</i> , <b>2016</b> , 21, 108-17	15.1	175
248	Emerging concepts in Alzheimer® disease. <i>Annual Review of Pathology: Mechanisms of Disease</i> , <b>2015</b> , 10, 291-319	34	152
247	Cytomegalovirus in the nervous system of patients with the acquired immune deficiency syndrome. <i>Brain</i> , <b>1989</b> , 112 ( Pt 1), 245-68	11.2	148
246	Epileptogenesis in pediatric cortical dysplasia: the dysmature cerebral developmental hypothesis. <i>Epilepsy and Behavior</i> , <b>2006</b> , 9, 219-35	3.2	146
245	Somatic Mutations Activating the mTOR Pathway in Dorsal Telencephalic Progenitors Cause a Continuum of Cortical Dysplasias. <i>Cell Reports</i> , <b>2017</b> , 21, 3754-3766	10.6	143
244	Brain parenchymal and microvascular amyloid in Alzheimer® disease. <i>Brain Pathology</i> , <b>1996</b> , 6, 179-95	6	143
243	The procurement, storage, and quality assurance of frozen blood and tissue biospecimens in pathology, biorepository, and biobank settings. <i>Clinical Biochemistry</i> , <b>2014</b> , 47, 258-66	3.5	141
242	Morphological and electrophysiological characterization of abnormal cell types in pediatric cortical dysplasia. <i>Journal of Neuroscience Research</i> , <b>2003</b> , 72, 472-86	4.4	140
241	Hemispherectomy for intractable seizures in children: a report of 58 cases. <i>Childs Nervous System</i> , <b>1996</b> , 12, 376-84	1.7	138
240	Huntington® disease accelerates epigenetic aging of human brain and disrupts DNA methylation levels. <i>Aging</i> , <b>2016</b> , 8, 1485-512	5.6	138
239	Glial cells influence polarity of the blood-brain barrier. <i>Journal of Neuropathology and Experimental Neurology</i> , <b>1984</b> , 43, 219-24	3.1	137
238	FDG-PET/MRI coregistration and diffusion-tensor imaging distinguish epileptogenic tubers and cortex in patients with tuberous sclerosis complex: a preliminary report. <i>Epilepsia</i> , <b>2006</b> , 47, 1543-9	6.4	136

237	Effects of multiple genetic loci on age at onset in late-onset Alzheimer disease: a genome-wide association study. <i>JAMA Neurology</i> , <b>2014</b> , 71, 1394-404	17.2	129
236	Regulable neural progenitor-specific Tsc1 loss yields giant cells with organellar dysfunction in a model of tuberous sclerosis complex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, E1070-9	11.5	129
235	Insulin signaling pathways in cortical dysplasia and TSC-tubers: tissue microarray analysis. <i>Annals of Neurology</i> , <b>2004</b> , 56, 510-9	9.4	129
234	Co-localization of amyloid beta and tau pathology in Alzheimer disease synaptosomes. <i>American Journal of Pathology</i> , <b>2008</b> , 172, 1683-92	5.8	128
233	Novel late-onset Alzheimer disease loci variants associate with brain gene expression. <i>Neurology</i> , <b>2012</b> , 79, 221-8	6.5	124
232	Deposition of monomeric, not oligomeric, Aβ mediates growth of Alzheimer disease amyloid plaques in human brain preparations. <i>Biochemistry</i> , <b>1999</b> , 38, 10424-31	3.2	119
231	Assessment of the genetic variance of late-onset Alzheimer disease. <i>Neurobiology of Aging</i> , <b>2016</b> , 41, 200.e13-200.e20	5.6	119
230	Cerebral microinfarcts associated with severe cerebral beta-amyloid angiopathy. <i>Brain Pathology</i> , <b>2010</b> , 20, 459-67	6	118
229	The role of oxidative stress in the pathophysiology of cerebrovascular lesions in Alzheimer disease. <i>Brain Pathology</i> , <b>2002</b> , 12, 21-35	6	118
228	The cerebellum ages slowly according to the epigenetic clock. <i>Aging</i> , <b>2015</b> , 7, 294-306	5.6	117
227	Amygdala astrocyte reduction in subjects with major depressive disorder but not bipolar disorder. <i>Bipolar Disorders</i> , <b>2010</b> , 12, 541-9	3.8	114
226	Enhanced neuroprotective effects of basic fibroblast growth factor in regional brain ischemia after conjugation to a blood-brain barrier delivery vector. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2002</b> , 301, 605-10	4.7	114
225	Vascular cognitive impairment. <i>Nature Clinical Practice Neurology</i> , <b>2006</b> , 2, 538-47		112
224	Postoperative seizure control and antiepileptic drug use in pediatric epilepsy surgery patients: the UCLA experience, 1986-1997. <i>Epilepsia</i> , <b>1999</b> , 40, 1740-9	6.4	112
223	Microvasculature in brain biopsy specimens from patients with Alzheimer disease: an immunohistochemical and ultrastructural study. <i>Ultrastructural Pathology</i> , <b>1994</b> , 18, 333-48	1.3	111
222	GDF10 is a signal for axonal sprouting and functional recovery after stroke. <i>Nature Neuroscience</i> , <b>2015</b> , 18, 1737-45	25.5	110
221	Levels of soluble apolipoprotein E/amyloid-β complex are reduced and oligomeric Aβ increased with APOE4 and Alzheimer disease in a transgenic mouse model and human samples. <i>Journal of Biological Chemistry</i> , <b>2013</b> , 288, 5914-26	5.4	108
220	Transethnic genome-wide scan identifies novel Alzheimer disease loci. <i>Alzheimer's and Dementia</i> , <b>2017</b> , 13, 727-738	1.2	106

219	Serial susceptibility weighted MRI measures brain iron and microbleeds in dementia. <i>Journal of Alzheimer's Disease</i> , <b>2009</b> , 17, 599-609	4.3	106
218	Malformations of cortical development and epilepsies: neuropathological findings with emphasis on focal cortical dysplasia. <i>Epileptic Disorders</i> , <b>2009</b> , 11, 181-93	1.9	104
217	Progressive multifocal leukoencephalopathy in AIDS: a clinicopathologic study and review of the literature. <i>Journal of Neurology</i> , <b>1993</b> , 240, 391-406	5.5	104
216	Embolization of Arteriovenous Malformations with Onyx: Clinicopathological Experience in 23 Patients. <i>Neurosurgery</i> , <b>2001</b> , 48, 984-997	3.2	103
215	Synapse loss in dementias. <i>Journal of Neuroscience Research</i> , <b>2010</b> , 88, 2083-90	4.4	101
214	Morphological substrates of infantile spasms: studies based on surgically resected cerebral tissue. <i>Child's Nervous System</i> , <b>1992</b> , 8, 8-17	1.7	101
213	Childhood generalized and mesial temporal epilepsies demonstrate different amounts and patterns of hippocampal neuron loss and mossy fibre synaptic reorganization. <i>Brain</i> , <b>1996</b> , 119 ( Pt 3), 965-87	11.2	98
212	Long-term pathological follow-up of cerebral arteriovenous malformations treated by embolization with bucrylate. <i>New England Journal of Medicine</i> , <b>1986</b> , 314, 477-83	59.2	98
211	Neuropathologic findings in surgically treated hemimegalencephaly: immunohistochemical, morphometric, and ultrastructural study. <i>Acta Neuropathologica</i> , <b>1992</b> , 84, 250-60	14.3	92
210	Contralateral hemimicrencephaly and clinical-pathological correlations in children with hemimegalencephaly. <i>Brain</i> , <b>2006</b> , 129, 352-65	11.2	91
209	De-repression of PDGFR $\beta$ transcription promotes acquired resistance to EGFR tyrosine kinase inhibitors in glioblastoma patients. <i>Cancer Discovery</i> , <b>2013</b> , 3, 534-47	24.4	90
208	Pre-synaptic C-terminal truncated tau is released from cortical synapses in Alzheimer's disease. <i>Journal of Neurochemistry</i> , <b>2015</b> , 133, 368-79	6	87
207	Neurodevelopmental disorders as a cause of seizures: neuropathologic, genetic, and mechanistic considerations. <i>Brain Pathology</i> , <b>2002</b> , 12, 212-33	6	87
206	Mitochondria and vascular lesions as a central target for the development of Alzheimer's disease and Alzheimer disease-like pathology in transgenic mice. <i>Neurological Research</i> , <b>2003</b> , 25, 665-74	2.7	85
205	Analysis of TSC cortical tubers by deep sequencing of TSC1, TSC2 and KRAS demonstrates that small second-hit mutations in these genes are rare events. <i>Brain Pathology</i> , <b>2010</b> , 20, 1096-105	6	83
204	Cerebral $\beta$ amyloid deposition predicts HIV-associated neurocognitive disorders in APOE $\epsilon$ carriers. <i>Aids</i> , <b>2012</b> , 26, 2327-35	3.5	82
203	Aquaporin expression in the brains of patients with or without cerebral amyloid angiopathy. <i>Journal of Neuropathology and Experimental Neurology</i> , <b>2010</b> , 69, 1201-9	3.1	81
202	Secondary microvascular degeneration in amyloid angiopathy of patients with hereditary cerebral hemorrhage with amyloidosis, Dutch type (HCHWA-D). <i>Acta Neuropathologica</i> , <b>1998</b> , 95, 235-44	14.3	81

201	Early-onset Alzheimer® disease is associated with greater pathologic burden. <i>Journal of Geriatric Psychiatry and Neurology</i> , <b>2007</b> , 20, 29-33	3.8	80
200	A beta deposition inhibitor screen using synthetic amyloid. <i>Nature Biotechnology</i> , <b>1997</b> , 15, 258-63	44.5	79
199	Targeting ATM ameliorates mutant Huntingtin toxicity in cell and animal models of Huntington® disease. <i>Science Translational Medicine</i> , <b>2014</b> , 6, 268ra178	17.5	78
198	Filament heterogeneity within the dystrophic neurites of senile plaques suggests blockage of fast axonal transport in Alzheimer® disease. <i>Acta Neuropathologica</i> , <b>1996</b> , 91, 226-35	14.3	78
197	Atherosclerotic lesions and mitochondria DNA deletions in brain microvessels as a central target for the development of human AD and AD-like pathology in aged transgenic mice. <i>Annals of the New York Academy of Sciences</i> , <b>2002</b> , 977, 45-64	6.5	77
196	Immunohistochemical study of cerebral amyloid angiopathy. III. Widespread Alzheimer A4 peptide in cerebral microvessel walls colocalizes with gamma trace in patients with leukoencephalopathy. <i>Annals of Neurology</i> , <b>1990</b> , 28, 34-42	9.4	76
195	Systemic distribution of West Nile virus infection: postmortem immunohistochemical study of six cases. <i>Brain Pathology</i> , <b>2007</b> , 17, 354-62	6	75
194	Giant cell arteritis in association with cerebral amyloid angiopathy: immunohistochemical and molecular studies. <i>Human Pathology</i> , <b>1997</b> , 28, 1237-46	3.7	74
193	NMDA receptor alterations in neurons from pediatric cortical dysplasia tissue. <i>Cerebral Cortex</i> , <b>2004</b> , 14, 634-46	5.1	73
192	Polyclonals to beta-amyloid(1-42) identify most plaque and vascular deposits in Alzheimer cortex, but not striatum. <i>Brain Research</i> , <b>1994</b> , 667, 138-42	3.7	71
191	Are cytomegalic neurons and balloon cells generators of epileptic activity in pediatric cortical dysplasia?. <i>Epilepsia</i> , <b>2005</b> , 46 Suppl 5, 82-8	6.4	70
190	Temporal and extended temporal resections for the treatment of intractable seizures in early childhood. <i>Pediatric Neurosurgery</i> , <b>1992</b> , 18, 169-78	0.9	69
189	Comorbidity in dementia: an autopsy study. <i>Archives of Pathology and Laboratory Medicine</i> , <b>2004</b> , 128, 32-8	5	69
188	Synaptic Amyloid-β oligomers Precede p-Tau and Differentiate High Pathology Control Cases. <i>American Journal of Pathology</i> , <b>2016</b> , 186, 185-98	5.8	68
187	Practical utility of amyloid and FDG-PET in an academic dementia center. <i>Neurology</i> , <b>2014</b> , 82, 230-8	6.5	68
186	Herpesviruses in chronic encephalitis associated with intractable childhood epilepsy. <i>Human Pathology</i> , <b>1993</b> , 24, 871-9	3.7	68
185	Nogo receptor blockade overcomes remyelination failure after white matter stroke and stimulates functional recovery in aged mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, E8453-E8462	11.5	68
184	Sympathetic nerve fibers in human cervical and thoracic vagus nerves. <i>Heart Rhythm</i> , <b>2014</b> , 11, 1411-7	6.7	66



183	Immature neurons and GABA networks may contribute to epileptogenesis in pediatric cortical dysplasia. <i>Epilepsia</i> , <b>2007</b> , 48 Suppl 5, 79-85	6.4	65
182	Coccidioidomycosis of the central nervous system: neuropathological and vasculopathic manifestations and clinical correlates. <i>Clinical Infectious Diseases</i> , <b>1995</b> , 20, 400-5	11.6	65
181	STAT3-mediated astrogliosis protects myelin development in neonatal brain injury. <i>Annals of Neurology</i> , <b>2012</b> , 72, 750-65	9.4	63
180	Amyloid angiopathy of Alzheimer's disease: amino acid composition and partial sequence of a 4,200-dalton peptide isolated from cortical microvessels. <i>Journal of Neurochemistry</i> , <b>1987</b> , 49, 1394-401	6	63
179	Abnormalities of peripheral nerve in patients with human immunodeficiency virus infection. <i>Annals of Neurology</i> , <b>1988</b> , 24, 713-7	9.4	62
178	Multisite assessment of NIA-AA guidelines for the neuropathologic evaluation of Alzheimer's disease. <i>Alzheimer's and Dementia</i> , <b>2016</b> , 12, 164-169	1.2	62
177	Toxicity of Dutch (E22Q) and Flemish (A21G) mutant amyloid beta proteins to human cerebral microvessel and aortic smooth muscle cells. <i>Stroke</i> , <b>2000</b> , 31, 534-8	6.7	61
176	Good interobserver and intraobserver agreement in the evaluation of the new ILAE classification of focal cortical dysplasias. <i>Epilepsia</i> , <b>2012</b> , 53, 1341-8	6.4	59
175	Bilateral neuropathologic changes in a child with hemimegalencephaly. <i>Pediatric Neurology</i> , <b>1997</b> , 17, 344-9	2.9	59
174	Cerebral hemispherectomy in pediatric patients with epilepsy: comparison of three techniques by pathological substrate in 115 patients. <i>Journal of Neurosurgery: Pediatrics</i> , <b>2004</b> , 100, 125-41	2.1	59
173	Cytomegalic interneurons: a new abnormal cell type in severe pediatric cortical dysplasia. <i>Journal of Neuropathology and Experimental Neurology</i> , <b>2007</b> , 66, 491-504	3.1	58
172	Amyloid- $\beta$ positron emission tomography imaging probes: a critical review. <i>Journal of Alzheimer's Disease</i> , <b>2013</b> , 36, 613-31	4.3	56
171	Neuropathology of Autosomal Dominant Alzheimer Disease in the National Alzheimer Coordinating Center Database. <i>Journal of Neuropathology and Experimental Neurology</i> , <b>2016</b> , 75, 284-90	3.1	55
170	Co-localization of TSC1 and TSC2 gene products in tubers of patients with tuberous sclerosis. <i>Brain Pathology</i> , <b>1999</b> , 9, 45-54	6	55
169	Effect of cerebral amyloid angiopathy on brain iron, copper, and zinc in Alzheimer's disease. <i>Journal of Alzheimer's Disease</i> , <b>2011</b> , 24, 137-49	4.3	54
168	Human cortical dysplasia and epilepsy: an ontogenetic hypothesis based on volumetric MRI and NeuN neuronal density and size measurements. <i>Cerebral Cortex</i> , <b>2005</b> , 15, 194-210	5.1	54
167	Hamartin and tuberin expression in human tissues. <i>Modern Pathology</i> , <b>2001</b> , 14, 202-10	9.8	53
166	Amyloid beta precursor protein-mRNA is expressed throughout cerebral vessel walls. <i>Brain Research</i> , <b>1999</b> , 828, 179-83	3.7	53



165	Cerebral atherosclerosis is associated with cystic infarcts and microinfarcts but not Alzheimer pathologic changes. <i>Stroke</i> , <b>2013</b> , 44, 2835-41	6.7	52
164	Relationship between hippocampal atrophy and neuropathology markers: a 7T MRI validation study of the EADC-ADNI Harmonized Hippocampal Segmentation Protocol. <i>Alzheimer's and Dementia</i> , <b>2015</b> , 11, 139-50	1.2	51
163	Preferential accumulation of amyloid-beta in presynaptic glutamatergic terminals (VGluT1 and VGluT2) in Alzheimer's disease cortex. <i>Neurobiology of Disease</i> , <b>2012</b> , 45, 381-7	7.5	51
162	Localization of tuberous sclerosis 2 mRNA and its protein product tuberin in normal human brain and in cerebral lesions of patients with tuberous sclerosis. <i>Brain Pathology</i> , <b>1996</b> , 6, 367-75	6	50
161	Neuropathologic study of resected cerebral tissue from patients with infantile spasms. <i>Epilepsia</i> , <b>1993</b> , 34, 772-9	6.4	50
160	Pharmacokinetics and brain uptake of biotinylated basic fibroblast growth factor conjugated to a blood-brain barrier drug delivery system. <i>Journal of Drug Targeting</i> , <b>2002</b> , 10, 239-45	5.4	49
159	Molecular disorganization of axons adjacent to human lacunar infarcts. <i>Brain</i> , <b>2015</b> , 138, 736-45	11.2	46
158	Comorbidity in dementia: update of an ongoing autopsy study. <i>Journal of the American Geriatrics Society</i> , <b>2014</b> , 62, 1722-8	5.6	46
157	AD synapses contain abundant A $\beta$ monomer and multiple soluble oligomers, including a 56-kDa assembly. <i>Neurobiology of Aging</i> , <b>2012</b> , 33, 1545-55	5.6	46
156	Hamartin and tuberin interaction with the G2/M cyclin-dependent kinase CDK1 and its regulatory cyclins A and B. <i>Journal of Neuropathology and Experimental Neurology</i> , <b>2001</b> , 60, 711-23	3.1	46
155	Polymer coating embolism from intravascular medical devices - a clinical literature review. <i>Cardiovascular Pathology</i> , <b>2017</b> , 30, 45-54	3.8	44
154	Cerebral amyloid angiopathy and Alzheimer's disease: two entities or one?. <i>Journal of the Neurological Sciences</i> , <b>1992</b> , 112, 1-3	3.2	44
153	Extensive p-tau pathology and SDS-stable p-tau oligomers in Alzheimer's cortical synapses. <i>Brain Pathology</i> , <b>2012</b> , 22, 826-33	6	42
152	The blood labyrinthine barrier in the human normal and Meniere's disease macula utricle. <i>Scientific Reports</i> , <b>2017</b> , 7, 253	4.9	41
151	Sustained delivery and molecular targeting of a therapeutic monoclonal antibody to metastases in the central nervous system of mice. <i>Nature Biomedical Engineering</i> , <b>2019</b> , 3, 706-716	19	41
150	Stereochemical specificity of Alzheimer's disease beta-peptide assembly. <i>Biopolymers</i> , <b>1999</b> , 49, 505-14	2.2	41
149	Cerebral cortical dysplasia: giant neurons show potential for increased excitation and axonal plasticity. <i>Developmental Neuroscience</i> , <b>1999</b> , 21, 260-70	2.2	41
148	Monoclonal antibody to the C-terminus of beta-amyloid. <i>NeuroReport</i> , <b>1994</b> , 5, 2117-20	1.7	41

147	Brain amyloid and Alzheimer disease. <i>Annals of Internal Medicine</i> , <b>1988</b> , 109, 41-54	8	41
146	Enhanced GABAergic network and receptor function in pediatric cortical dysplasia Type IIB compared with Tuberous Sclerosis Complex. <i>Neurobiology of Disease</i> , <b>2012</b> , 45, 310-21	7.5	40
145	Apolipoprotein E level and cholesterol are associated with reduced synaptic amyloid beta in Alzheimer disease and apoE TR mouse cortex. <i>Acta Neuropathologica</i> , <b>2012</b> , 123, 39-52	14.3	40
144	Low-grade focal cortical dysplasia is associated with prenatal and perinatal brain injury. <i>Epilepsia</i> , <b>2010</b> , 51, 2440-8	6.4	40
143	Plasma membrane fragility in dystrophic neurites in senile plaques of Alzheimer disease: an index of oxidative stress. <i>Acta Neuropathologica</i> , <b>1996</b> , 91, 1-5	14.3	39
142	PARK10 is a major locus for sporadic neuropathologically confirmed Parkinson disease. <i>Neurology</i> , <b>2015</b> , 84, 972-80	6.5	38
141	Microvasculopathy is associated with the number of cerebrovascular lesions in hereditary cerebral hemorrhage with amyloidosis, Dutch type. <i>Stroke</i> , <b>1998</b> , 29, 1588-94	6.7	38
140	The effects of cerebral amyloid angiopathy on integrity of the blood-brain barrier. <i>Neurobiology of Aging</i> , <b>2018</b> , 70, 70-77	5.6	36
139	Clinical predictors of severe cerebral amyloid angiopathy and influence of APOE genotype in persons with pathologically verified Alzheimer disease. <i>JAMA Neurology</i> , <b>2014</b> , 71, 878-83	17.2	35
138	Autopsy findings after intracranial thrombectomy for acute ischemic stroke: a clinicopathologic study of 5 patients. <i>Stroke</i> , <b>2010</b> , 41, 938-47	6.7	35
137	Microvascular degeneration in hereditary cystatin C amyloid angiopathy of the brain. <i>Apmis</i> , <b>1997</b> , 105, 41-7	3.4	35
136	Blood-spinal cord barrier function and morphometry after single doses of x-rays in rat spinal cord. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>1995</b> , 32, 703-11	4	34
135	Immunohistochemical study of cerebral amyloid angiopathy: use of an antiserum to a synthetic 28-amino-acid peptide fragment of the Alzheimer disease amyloid precursor. <i>Human Pathology</i> , <b>1988</b> , 19, 214-22	3.7	33
134	Impairment of mitochondria in adult mouse brain overexpressing predominantly full-length, N-terminally acetylated human $\beta$ synuclein. <i>PLoS ONE</i> , <b>2013</b> , 8, e63557	3.7	33
133	Effects of renal sympathetic denervation on the stellate ganglion and brain stem in dogs. <i>Heart Rhythm</i> , <b>2017</b> , 14, 255-262	6.7	32
132	Pathologic characteristics of the cortical dysplasias. <i>Neurosurgery Clinics of North America</i> , <b>2002</b> , 13, 17-25, vii	4	32
131	Progression of clinical deterioration and pathological changes in patients with Alzheimer disease evaluated at biopsy and autopsy. <i>Archives of Neurology</i> , <b>1999</b> , 56, 1254-61		32
130	Glial function (and dysfunction) in the normal & ischemic brain. <i>Neuropharmacology</i> , <b>2018</b> , 134, 218-225	5.5	32

129	Pacemaker GABA synaptic activity may contribute to network synchronization in pediatric cortical dysplasia. <i>Neurobiology of Disease</i> , <b>2014</b> , 62, 208-17	7.5	31
128	Rarity of the Alzheimer disease-protective APP A673T variant in the United States. <i>JAMA Neurology</i> , <b>2015</b> , 72, 209-16	17.2	31
127	High levels of synaptosomal Na(+)-Ca(2+) exchangers (NCX1, NCX2, NCX3) co-localized with amyloid-beta in human cerebral cortex affected by Alzheimer's disease. <i>Cell Calcium</i> , <b>2011</b> , 49, 208-16	4	30
126	Tuberous sclerosis-related gene expression in normal and dysplastic brain. <i>Epilepsy Research</i> , <b>1998</b> , 32, 12-23	3	30
125	Microglia - insights into immune system structure, function, and reactivity in the central nervous system. <i>Histology and Histopathology</i> , <b>2011</b> , 26, 519-30	1.4	30
124	Ezrin and moesin expression within the developing human cerebrum and tuberous sclerosis-associated cortical tubers. <i>Acta Neuropathologica</i> , <b>2002</b> , 104, 188-96	14.3	29
123	Inhibition of synucleinopathic seeding by rationally designed inhibitors. <i>ELife</i> , <b>2020</b> , 9,	8.9	29
122	Interneurons, GABA <sub>A</sub> currents, and subunit composition of the GABA <sub>A</sub> receptor in type I and type II cortical dysplasia. <i>Epilepsia</i> , <b>2010</b> , 51 Suppl 3, 166-70	6.4	28
121	Lissencephaly with agenesis of corpus callosum and rudimentary dysplastic cerebellum: a subtype of lissencephaly with cerebellar hypoplasia. <i>Acta Neuropathologica</i> , <b>2004</b> , 107, 69-81	14.3	28
120	Incidence, survival, pathology, and genetics of adult Latino Americans with glioblastoma. <i>Journal of Neuro-Oncology</i> , <b>2017</b> , 132, 351-358	4.8	27
119	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> , <b>2015</b> , 7, 8	9	27
118	Differential expression of interferon- $\gamma$ and chemokine genes distinguishes Rasmussen encephalitis from cortical dysplasia and provides evidence for an early Th1 immune response. <i>Journal of Neuroinflammation</i> , <b>2013</b> , 10, 56	10.1	27
117	Surgical pathology of epilepsy-associated non-neoplastic cerebral lesions: a brief introduction with special reference to hippocampal sclerosis and focal cortical dysplasia. <i>Neuropathology</i> , <b>2013</b> , 33, 442-58 <sup>2</sup>		27
116	Comparative study of cellular and synaptic abnormalities in brain tissue samples from pediatric tuberous sclerosis complex and cortical dysplasia type II. <i>Epilepsia</i> , <b>2010</b> , 51 Suppl 3, 160-5	6.4	27
115	Cortical dysplasia, genetic abnormalities and neurocutaneous syndromes. <i>Developmental Neuroscience</i> , <b>1999</b> , 21, 248-59	2.2	27
114	Isolation of synaptic terminals from Alzheimer's disease cortex. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , <b>2012</b> , 81, 248-54	4.6	26
113	Postmortem 3-D brain hemisphere cortical tau and amyloid- $\beta$ pathology mapping and quantification as a validation method of neuropathology imaging. <i>Journal of Alzheimer's Disease</i> , <b>2013</b> , 36, 261-74	4.3	26
112	An arteriovenous malformation model for stereotactic radiosurgery research. <i>Neurosurgery</i> , <b>2007</b> , 61, 152-9; discussion 159	3.2	26

111	Neuropathology of COVID-19 (neuro-COVID): clinicopathological update <b>2021</b> , 2,		26
110	Brain arteriolosclerosis. <i>Acta Neuropathologica</i> , <b>2021</b> , 141, 1-24	14.3	26
109	A shift in microglial $\beta$ amyloid binding in Alzheimer <sup>®</sup> disease is associated with cerebral amyloid angiopathy. <i>Brain Pathology</i> , <b>2013</b> , 23, 390-401	6	25
108	Pediatric epilepsy surgery: long-term 5-year seizure remission and medication use. <i>Neurosurgery</i> , <b>2012</b> , 71, 985-93	3.2	25
107	Histopathology of brain tissue from patients with infantile spasms. <i>International Review of Neurobiology</i> , <b>2002</b> , 49, 63-76	4.4	25
106	Tissue microarrays in the study of non-neoplastic disease of the nervous system. <i>Journal of Neuropathology and Experimental Neurology</i> , <b>2002</b> , 61, 653-62	3.1	25
105	Associations between hippocampal morphometry and neuropathologic markers of Alzheimer <sup>®</sup> disease using 7T MRI. <i>NeuroImage: Clinical</i> , <b>2017</b> , 15, 56-61	5.3	24
104	Predictors of recurrence following resection of intracranial chordomas. <i>Journal of Clinical Neuroscience</i> , <b>2015</b> , 22, 1792-6	2.2	24
103	Neuronal expression and intracellular localization of presenilins in normal and Alzheimer disease brains. <i>Journal of Neuropathology and Experimental Neurology</i> , <b>1997</b> , 56, 1009-17	3.1	23
102	Clinical and neuropsychological features in autopsy-defined vascular dementia. <i>Clinical Neuropsychologist</i> , <b>2004</b> , 18, 63-74	4.4	23
101	Status epilepticus and frequent seizures: incidence and clinical characteristics in pediatric epilepsy surgery patients. <i>Epilepsia</i> , <b>2005</b> , 46, 1950-4	6.4	23
100	Evidence for the involvement of gamma delta T cells in the immune response in Rasmussen encephalitis. <i>Journal of Neuroinflammation</i> , <b>2015</b> , 12, 134	10.1	22
99	Pyramidal cell responses to gamma-aminobutyric acid differ in type I and type II cortical dysplasia. <i>Journal of Neuroscience Research</i> , <b>2008</b> , 86, 3151-62	4.4	22
98	Chronic Lymphocytic Leukemia Presenting as a Pituitary Mass Lesion. <i>Canadian Journal of Neurological Sciences</i> , <b>1992</b> , 19, 239-242	1	22
97	Hamartin expression and interaction with tuberlin in tumor cell lines and primary cultures. <i>Journal of Neuroscience Research</i> , <b>2001</b> , 63, 276-83	4.4	21
96	The blood-brain barrier in Alzheimer <sup>®</sup> disease. <i>Canadian Journal of Neurological Sciences</i> , <b>1986</b> , 13, 446-81		21
95	Molecular Disorganization of Axons Adjacent to Human Cortical Microinfarcts. <i>Frontiers in Neurology</i> , <b>2017</b> , 8, 405	4.1	20
94	In Rasmussen encephalitis, hemichannels associated with microglial activation are linked to cortical pyramidal neuron coupling: a possible mechanism for cellular hyperexcitability. <i>CNS Neuroscience and Therapeutics</i> , <b>2015</b> , 21, 152-63	6.8	20

93	Antioxidant sestrin-2 redistribution to neuronal soma in human immunodeficiency virus-associated neurocognitive disorders. <i>Journal of NeuroImmune Pharmacology</i> , <b>2012</b> , 7, 579-90	6.9	20
92	Lyophilized brain tumor specimens can be used for histologic, nucleic acid, and protein analyses after 1 year of room temperature storage. <i>Journal of Neuro-Oncology</i> , <b>2013</b> , 113, 365-73	4.8	20
91	Synaptogenesis in hemimegalencephaly: the numerical density of asymmetric and symmetric synapses in the cerebral cortex. <i>Acta Neuropathologica</i> , <b>1996</b> , 92, 156-63	14.3	20
90	Time to pediatric epilepsy surgery is longer and developmental outcomes lower for government compared with private insurance. <i>Neurosurgery</i> , <b>2013</b> , 73, 152-7	3.2	19
89	High-definition characterization of cerebral amyloid angiopathy in Alzheimer disease. <i>Human Pathology</i> , <b>2010</b> , 41, 1601-8	3.7	19
88	A hypothesis regarding the pathogenesis and epileptogenesis of pediatric cortical dysplasia and hemimegalencephaly based on MRI cerebral volumes and NeuN cortical cell densities. <i>Epilepsia</i> , <b>2007</b> , 48 Suppl 5, 74-8	6.4	19
87	Five or more acute postoperative seizures predict hospital course and long-term seizure control after hemispherectomy. <i>Epilepsia</i> , <b>2004</b> , 45, 527-33	6.4	19
86	Apolipoprotein E/Amyloid- $\beta$ Complex Accumulates in Alzheimer Disease Cortical Synapses via Apolipoprotein E Receptors and Is Enhanced by APOE4. <i>American Journal of Pathology</i> , <b>2019</b> , 189, 1621-1636	5.8	18
85	Brain biopsy in neurologic decline of unknown etiology. <i>Human Pathology</i> , <b>2015</b> , 46, 499-506	3.7	18
84	Hypoxia and reoxygenation of brain microvascular smooth muscle cells in vitro: cellular responses and expression of cerebral amyloid angiopathy-associated proteins. <i>Apmis</i> , <b>2002</b> , 110, 423-34	3.4	18
83	Lymphadenopathic Kaposi sarcoma in a pediatric patient with acquired immune deficiency syndrome. <i>Pediatric Pathology</i> , <b>1989</b> , 9, 459-65		17
82	Amyloidosis of cerebral arteries. <i>Advances in Neurology</i> , <b>2003</b> , 92, 105-12		17
81	Differential effects of ischemic vascular disease and Alzheimer disease on brain atrophy and cognition. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2016</b> , 36, 204-15	7.3	16
80	A Novel Model of Mixed Vascular Dementia Incorporating Hypertension in a Rat Model of Alzheimer Disease. <i>Frontiers in Physiology</i> , <b>2019</b> , 10, 1269	4.6	16
79	Pathologic lesions in neurodegenerative diseases. <i>Progress in Molecular Biology and Translational Science</i> , <b>2012</b> , 107, 1-40	4	16
78	Pathologic findings in a patient with a vein of Galen aneurysm treated by staged endovascular embolization. <i>Child's Nervous System</i> , <b>1993</b> , 9, 33-8	1.7	16
77	Evidence for Resident Memory T Cells in Rasmussen Encephalitis. <i>Frontiers in Immunology</i> , <b>2016</b> , 7, 64	8.4	16
76	Characterization of arterial thrombus composition by magnetic resonance imaging in a swine stroke model. <i>Stroke</i> , <b>2013</b> , 44, 1463-5	6.7	15

75	Neuroprotective properties of mildronate, a small molecule, in a rat model of Parkinson disease. <i>International Journal of Molecular Sciences</i> , <b>2010</b> , 11, 4465-87	6.3	15
74	Effects of anoxia and hypoxia on amyloid precursor protein processing in cerebral microvascular smooth muscle cells. <i>Journal of Neuropathology and Experimental Neurology</i> , <b>2006</b> , 65, 610-20	3.1	15
73	New JC virus infection patterns by in situ polymerase chain reaction in brains of acquired immunodeficiency syndrome patients with progressive multifocal leukoencephalopathy. <i>Journal of NeuroVirology</i> , <b>2004</b> , 10, 1-11	3.9	14
72	Multiple calcifying pseudoneoplasms of the neuraxis (MCAPNON): Distinct entity, CAPNON variant, or old neurocysticercosis?. <i>Neuropathology</i> , <b>2017</b> , 37, 233-240	2	13
71	Smooth muscle cells and the pathogenesis of cerebral microvascular disease ("angiomyopathies"). <i>Experimental and Molecular Pathology</i> , <b>2003</b> , 74, 148-59	4.4	13
70	Pathological high frequency oscillations associate with increased GABA synaptic activity in pediatric epilepsy surgery patients. <i>Neurobiology of Disease</i> , <b>2020</b> , 134, 104618	7.5	13
69	Amyloid-Related angiitis: a report of 2 cases with unusual presentations. <i>Human Pathology</i> , <b>2017</b> , 64, 191-197	3.7	12
68	Preservation of neurons of the nucleus basalis in subcortical ischemic vascular disease. <i>Archives of Neurology</i> , <b>2012</b> , 69, 879-86		12
67	The trkC receptor is transiently localized to Purkinje cell dendrites during outgrowth and maturation in the rat. <i>Journal of Neuroscience Research</i> , <b>1997</b> , 50, 649-56	4.4	11
66	Gerstmann-Strüssler-Scheinker disease: autopsy study of a familial case. <i>Annals of Neurology</i> , <b>1986</b> , 20, 540-3	9.4	10
65	Neuropathologic Features and Grading of Alzheimer-Related and Sporadic CAA <b>2000</b> , 137-155		9
64	Immunohistochemical expression of fibroblast growth factor (FGF)-2 in epilepsy-associated malformations of cortical development (MCDs). <i>Neuropathology</i> , <b>2008</b> , 28, 372-81	2	8
63	Neuropathology of amnesic mild cognitive impairment. <i>Archives of Neurology</i> , <b>2006</b> , 63, 645-6		8
62	Cellular hormetic response to 27-hydroxycholesterol promotes neuroprotection through AICD induction of MAST4 abundance and kinase activity. <i>Scientific Reports</i> , <b>2017</b> , 7, 13898	4.9	7
61	Enhanced Delivery of Rituximab Into Brain and Lymph Nodes Using Timed-Release Nanocapsules in Non-Human Primates. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 3132	8.4	7
60	Early experience with formalin-fixed paraffin-embedded (FFPE) based commercial clinical genomic profiling of gliomas-robust and informative with caveats. <i>Experimental and Molecular Pathology</i> , <b>2017</b> , 103, 87-93	4.4	7
59	Hemophagocytic lymphohistiocytosis associated with Epstein-Barr virus in the central nervous system. <i>Human Pathology</i> , <b>2017</b> , 59, 108-112	3.7	7
58	Measurement of amyloid peptide precursor of Alzheimer disease in human blood by double antibody immunoradiometric assay. <i>Alzheimer Disease and Associated Disorders</i> , <b>1991</b> , 5, 12-24	2.5	7



57	GPIHBP1 expression in gliomas promotes utilization of lipoprotein-derived nutrients. <i>ELife</i> , <b>2019</b> , 8,	8.9	7
56	Orbitofrontal and anterior cingulate cortex neurofibrillary tangle burden is associated with agitation in Alzheimer disease <b>2001</b> , 49, 355		7
55	Pathogenesis of TSC in the Brain <b>2010</b> , 159-185		6
54	The AIDS dementia complex. <i>Annals of Neurology</i> , <b>1987</b> , 21, 612-3	9.4	6
53	Cellular antiseizure mechanisms of everolimus in pediatric tuberous sclerosis complex, cortical dysplasia, and non-mTOR-mediated etiologies. <i>Epilepsia Open</i> , <b>2018</b> , 3, 180-190	4	6
52	Exosomal tau with seeding activity is released from Alzheimer® disease synapses, and seeding potential is associated with amyloid beta. <i>Laboratory Investigation</i> , <b>2021</b> , 101, 1605-1617	5.9	6
51	Crystal structure of a conformational antibody that binds tau oligomers and inhibits pathological seeding by extracts from donors with Alzheimer® disease. <i>Journal of Biological Chemistry</i> , <b>2020</b> , 295, 10662-10676	5.4	5
50	Methodology for computing white matter nerve fiber orientation in human histological slices. <i>Journal of Neuroscience Methods</i> , <b>2016</b> , 261, 75-84	3	5
49	Immunohistochemical expression of fibroblast growth factor-2 in developing human cerebrum and epilepsy-associated malformations of cortical development. <i>Neuropathology</i> , <b>2011</b> , 31, 589-98	2	5
48	Cortical dysplasia with prominent Rosenthal fiber formation in a case of intractable pediatric epilepsy. <i>Human Pathology</i> , <b>2009</b> , 40, 1200-4	3.7	5
47	Surgical pathologic findings of extratemporal-based intractable epilepsy. A study of 133 consecutive cases. <i>Archives of Pathology and Laboratory Medicine</i> , <b>2000</b> , 124, 1111-2	5	5
46	Chronic encephalitis associated with epilepsy: immunohistochemical and ultrastructural studies <b>1995</b> , 89, 313		5
45	Developmental origins of cortical hyperexcitability in Huntington® disease: Review and new observations. <i>Journal of Neuroscience Research</i> , <b>2019</b> , 97, 1624-1635	4.4	4
44	Does Alzheimer Disease Pathologic Change Underlie Subjective Cognitive Complaints?. <i>Alzheimer Disease and Associated Disorders</i> , <b>2015</b> , 29, 350-2	2.5	4
43	Cerebral amyloid angiopathy <b>1998</b> , 379-385		4
42	Selective middle cerebral artery occlusion in the rabbit: Technique and characterization with pathologic findings and multimodal MRI. <i>Journal of Neuroscience Methods</i> , <b>2019</b> , 313, 6-12	3	4
41	Expanding the Phenotype of Frontotemporal Lobar Degeneration With FUS-Positive Pathology (FTLD-FUS). <i>Journal of Neuropathology and Experimental Neurology</i> , <b>2020</b> , 79, 809-812	3.1	3
40	Tuberin loss from cerebral tissues. <i>Annals of Neurology</i> , <b>1997</b> , 42, 270-2	9.4	3



39	Alzheimer <sup>®</sup> disease or plaque disease? Two cases at the frontier of a definition. <i>Topics in Geriatrics</i> , <b>1992</b> , 5, 200-9		3
38	Cerebral Microvascular and Macrovascular Disease in the Aging Brain; Similarities and Differences <b>2000</b> , 59-78		3
37	Disease-related Huntingtin seeding activities in cerebrospinal fluids of Huntington <sup>®</sup> disease patients. <i>Scientific Reports</i> , <b>2020</b> , 10, 20295	4.9	3
36	Rasmussen encephalitis tissue transfer program. <i>Epilepsia</i> , <b>2016</b> , 57, 1005-7	6.4	3
35	Neuropathologic Findings in Chronic Kidney Disease (CKD). <i>Journal of Stroke and Cerebrovascular Diseases</i> , <b>2021</b> , 30, 105657	2.8	3
34	Atypical case of perimesencephalic subarachnoid hemorrhage. <i>Neuropathology</i> , <b>2017</b> , 37, 272-274	2	2
33	Paroxysmal Discharges in Tissue Slices From Pediatric Epilepsy Surgery Patients: Critical Role of GABA Receptors in the Generation of Ictal Activity. <i>Frontiers in Cellular Neuroscience</i> , <b>2020</b> , 14, 54	6.1	2
32	Anomalous frequency-dependent ionic conductivity of lesion-laden human-brain tissue. <i>Journal of Applied Physics</i> , <b>2017</b> , 122, 154701	2.5	2
31	Neuropathologic Studies of Epileptogenic Tissue. <i>Canadian Journal of Neurological Sciences</i> , <b>2012</b> , 39, S20-S24	1	2
30	Pathologic issues and new methodologies in the evaluation of non-Alzheimer dementias. <i>Clinical Neuroscience Research</i> , <b>2004</b> , 3, 413-426		2
29	Autopsy diagnoses of Alzheimer disease: Independent reviews and clinical implications. <i>International Journal of Geriatric Psychiatry</i> , <b>1995</b> , 10, 505-510	3.9	2
28	Human Astrocytes Exhibit Tumor Microenvironment-, Age-, and Sex-Related Transcriptomic Signatures.. <i>Journal of Neuroscience</i> , <b>2022</b> ,	6.6	2
27	Autopsy Biobanking: Biospecimen Procurement, Integrity, Storage, and Utilization. <i>Methods in Molecular Biology</i> , <b>2019</b> , 1897, 77-87	1.4	2
26	Neuropathology and Molecular Pathogenesis of Primary Brain Tumors <b>2001</b> , 3-45		2
25	Epileptogenesis and Cortical Dysplasias <b>2010</b> , 353-357		2
24	Novel tonometer device distinguishes brain stiffness in epilepsy surgery. <i>Scientific Reports</i> , <b>2020</b> , 10, 20978	4.9	2
23	Clonally Focused Public and Private T Cells in Resected Brain Tissue From Surgeries to Treat Children With Intractable Seizures. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 664344	8.4	2
22	Stereochemical specificity of Alzheimer <sup>®</sup> disease $\beta$ peptide assembly <b>1999</b> , 49, 505		2

21	Fatal intracranial hemorrhage from brain AVM in a 7-week-old infant: case report and recent literature review. <i>Child's Nervous System</i> , <b>2020</b> , 36, 1563-1568	1.7	1
20	Rasmussen Encephalitis <b>2018</b> , 531-536		1
19	Hereditary and sporadic cerebral microvascular diseases. <i>Brain Pathology</i> , <b>2014</b> , 24, 494	6	1
18	The impact of cerebral small vessel disease on cognitive impairment and rehabilitation 360-375		1
17	Biobanking of Cerebrospinal Fluid. <i>Methods in Molecular Biology</i> , <b>2019</b> , 1897, 107-114	1.4	1
16	Human Astrocytes Exhibit Tumor Microenvironment-, Age-, and Sex-Related Transcriptomic Signatures		1
15	Manifestations of Alzheimer's disease genetic risk in the blood are evident in a multiomic analysis in healthy adults aged 18 to 90.. <i>Scientific Reports</i> , <b>2022</b> , 12, 6117	4.9	1
14	Neuropathologic Substrates of Ischemic Vascular Dementia. <i>Journal of Neuropathology and Experimental Neurology</i> , <b>2001</b> , 60, 658.2-659	3.1	0
13	Pathologic Lesions in Alzheimer Disease and Other Neurodegenerative Diseases Cellular and Molecular Components <b>2012</b> , 37-60		0
12	Charcot-Bouchard aneurysms revisited: clinicopathologic correlations. <i>Modern Pathology</i> , <b>2021</b> , 34, 2109-2121	9.2	0
11	Isolated cortical tuber in an infant with genetically confirmed tuberous sclerosis complex 1 presenting with symptomatic West syndrome. <i>Neuropathology</i> , <b>2021</b> , 41, 58-64	2	0
10	Cerebral Amyloid Angiopathy-related Inflammation Presenting With a Cystic Lesion in Young-onset Alzheimer Disease. <i>Alzheimer Disease and Associated Disorders</i> , <b>2021</b> , 35, 265-268	2.5	0
9	Post-mortem Examination of the Nervous System: Fresh versus Fixed. <i>Canadian Journal of Neurological Sciences</i> , <b>2021</b> , 1-6	1	0
8	61-year-old man with chronic expansile sellar mass. <i>Brain Pathology</i> , <b>2017</b> , 27, 397-398	6	
7	Pediatric Vascular Malformations <b>2018</b> , 251-267		
6	Lenin's malady--reply. <i>Human Pathology</i> , <b>2013</b> , 44, 2869-70	3.7	
5	Histological validation of the diffusion tensor: feasibility in human brain tissue. <i>FASEB Journal</i> , <b>2010</b> , 24, 642.2	0.9	
4	Using imaging biomarkers in the histological validation of Alzheimer's disease. <i>FASEB Journal</i> , <b>2013</b> , 27, 533.3	0.9	

- 3 Empirical development of a histological protocol for whole brain sectioning to characterize neuropathological patterns in human specimens. *FASEB Journal*, **2013**, 27, 967.2 0.9
- 2 Histological validation of Alzheimer® disease and cerebrovascular disease imaging biomarkers. *FASEB Journal*, **2013**, 27, 533.14 0.9
- 1 Tuberos Sclerosis Complex **2018**, 117-131