

# Masafumi Ihara

## 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.

282  
papers

8,300  
citations

51  
h-index

80  
g-index

344  
ext. papers

10,040  
ext. citations

4.9  
avg, IF

6.12  
L-index

#	Paper	IF	Citations
282	White matter lesions and glial activation in a novel mouse model of chronic cerebral hypoperfusion. <i>Stroke</i> , <b>2004</b> , 35, 2598-603	6.7	367
281	Cortical organization by the septin cytoskeleton is essential for structural and mechanical integrity of mammalian spermatozoa. <i>Developmental Cell</i> , <b>2005</b> , 8, 343-52	10.2	209
280	Stroke injury, cognitive impairment and vascular dementia. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2016</b> , 1862, 915-25	6.9	196
279	Cerebral hypoperfusion accelerates cerebral amyloid angiopathy and promotes cortical microinfarcts. <i>Acta Neuropathologica</i> , <b>2012</b> , 123, 381-94	14.3	184
278	Selective impairment of working memory in a mouse model of chronic cerebral hypoperfusion. <i>Stroke</i> , <b>2007</b> , 38, 2826-32	6.7	183
277	Quantification of myelin loss in frontal lobe white matter in vascular dementia, Alzheimer's disease, and dementia with Lewy bodies. <i>Acta Neuropathologica</i> , <b>2010</b> , 119, 579-89	14.3	162
276	Does vascular pathology contribute to Alzheimer changes?. <i>Journal of the Neurological Sciences</i> , <b>2012</b> , 322, 141-7	3.2	160
275	Axonal damage and demyelination in the white matter after chronic cerebral hypoperfusion in the rat. <i>Brain Research</i> , <b>2002</b> , 924, 63-70	3.7	155
274	Chronic cerebral hypoperfusion: a key mechanism leading to vascular cognitive impairment and dementia. Closing the translational gap between rodent models and human vascular cognitive impairment and dementia. <i>Clinical Science</i> , <b>2017</b> , 131, 2451-2468	6.5	147
273	Sept4, a component of presynaptic scaffold and Lewy bodies, is required for the suppression of alpha-synuclein neurotoxicity. <i>Neuron</i> , <b>2007</b> , 53, 519-33	13.9	140
272	Astrocytes Promote Oligodendrogenesis after White Matter Damage via Brain-Derived Neurotrophic Factor. <i>Journal of Neuroscience</i> , <b>2015</b> , 35, 14002-8	6.6	136
271	Progress toward standardized diagnosis of vascular cognitive impairment: Guidelines from the Vascular Impairment of Cognition Classification Consensus Study. <i>Alzheimer's and Dementia</i> , <b>2018</b> , 14, 280-292	1.2	136
270	Chronic cerebral hypoperfusion induces white matter lesions and loss of oligodendroglia with DNA fragmentation in the rat. <i>Acta Neuropathologica</i> , <b>2003</b> , 106, 527-34	14.3	124
269	A mouse model characterizing features of vascular dementia with hippocampal atrophy. <i>Stroke</i> , <b>2010</b> , 41, 1278-84	6.7	121
268	Vascular risk factors and neurodegeneration in ageing related dementias: Alzheimer's disease and vascular dementia. <i>Current Alzheimer Research</i> , <b>2013</b> , 10, 642-53	3	116
267	Matrix metalloproteinase-2 plays a critical role in the pathogenesis of white matter lesions after chronic cerebral hypoperfusion in rodents. <i>Stroke</i> , <b>2006</b> , 37, 2816-23	6.7	111
266	The Vascular Impairment of Cognition Classification Consensus Study. <i>Alzheimer's and Dementia</i> , <b>2017</b> , 13, 624-633	1.2	106

265	Neuropathological correlates of temporal pole white matter hyperintensities in CADASIL. <i>Stroke</i> , <b>2009</b> , 40, 2004-11	6.7	103
264	Nonhypotensive dose of telmisartan attenuates cognitive impairment partially due to peroxisome proliferator-activated receptor-gamma activation in mice with chronic cerebral hypoperfusion. <i>Stroke</i> , <b>2010</b> , 41, 1798-806	6.7	101
263	Association of the cytoskeletal GTP-binding protein Sept4/H5 with cytoplasmic inclusions found in Parkinson's disease and other synucleinopathies. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 24095-102	5.4	99
262	Oligodendrocyte precursor cells support blood-brain barrier integrity via TGF- $\beta$ signaling. <i>PLoS ONE</i> , <b>2014</b> , 9, e103174	3.7	94
261	White matter degeneration in vascular and other ageing-related dementias. <i>Journal of Neurochemistry</i> , <b>2018</b> , 144, 617-633	6	92
260	Frontal white matter hyperintensities, clasmatodendrosis and gliovascular abnormalities in ageing and post-stroke dementia. <i>Brain</i> , <b>2016</b> , 139, 242-58	11.2	88
259	Chronic cerebral hypoperfusion induces MMP-2 but not MMP-9 expression in the microglia and vascular endothelium of white matter. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2001</b> , 21, 828-34	7.3	88
258	microRNA-33 Regulates ApoE Lipidation and Amyloid- $\beta$ Metabolism in the Brain. <i>Journal of Neuroscience</i> , <b>2015</b> , 35, 14717-26	6.6	82
257	Intravenous Autologous Bone Marrow Mononuclear Cell Transplantation for Stroke: Phase1/2a Clinical Trial in a Homogeneous Group of Stroke Patients. <i>Stem Cells and Development</i> , <b>2015</b> , 24, 2207-18	4.4	81
256	Chronic cerebral hypoperfusion accelerates amyloid beta deposition in APPSwInd transgenic mice. <i>Brain Research</i> , <b>2009</b> , 1294, 202-10	3.7	81
255	Emerging Evidence for Pathogenesis of Sporadic Cerebral Small Vessel Disease. <i>Stroke</i> , <b>2016</b> , 47, 554-606	7	79
254	A comparative study on the expression of cyclooxygenase and 5-lipoxygenase during cerebral ischemia in humans. <i>Acta Neuropathologica</i> , <b>2002</b> , 104, 601-7	14.3	77
253	Brain Microvascular Pericytes in Vascular Cognitive Impairment and Dementia. <i>Frontiers in Aging Neuroscience</i> , <b>2020</b> , 12, 80	5.3	71
252	Gliovascular disruption and cognitive deficits in a mouse model with features of small vessel disease. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2015</b> , 35, 1005-14	7.3	70
251	A novel mouse model of subcortical infarcts with dementia. <i>Journal of Neuroscience</i> , <b>2015</b> , 35, 3915-28	6.6	68
250	Environmental enrichment ameliorated high-fat diet-induced A $\beta$ deposition and memory deficit in APP transgenic mice. <i>Neurobiology of Aging</i> , <b>2012</b> , 33, 1011.e11-23	5.6	68
249	Potential interactions between pericytes and oligodendrocyte precursor cells in perivascular regions of cerebral white matter. <i>Neuroscience Letters</i> , <b>2015</b> , 597, 164-9	3.3	67
248	Phosphodiesterase III inhibitor promotes drainage of cerebrovascular $\beta$ amyloid. <i>Annals of Clinical and Translational Neurology</i> , <b>2014</b> , 1, 519-33	5.3	66

247	Selective white matter abnormalities in a novel rat model of vascular dementia. <i>Neurobiology of Aging</i> , <b>2012</b> , 33, 1012.e25-35	5.6	65
246	The influence of chronic cerebral hypoperfusion on cognitive function and amyloid $\beta$ metabolism in APP overexpressing mice. <i>PLoS ONE</i> , <b>2011</b> , 6, e16567	3.7	62
245	New therapeutic approaches for Alzheimer's disease and cerebral amyloid angiopathy. <i>Frontiers in Aging Neuroscience</i> , <b>2014</b> , 6, 290	5.3	61
244	Post-stroke epilepsy. <i>Neurochemistry International</i> , <b>2017</b> , 107, 219-228	4.4	60
243	Cortical microinfarcts in Alzheimer's disease and subcortical vascular dementia. <i>NeuroReport</i> , <b>2009</b> , 20, 990-6	1.7	60
242	Angiogenic and vasoprotective effects of adrenomedullin on prevention of cognitive decline after chronic cerebral hypoperfusion in mice. <i>Stroke</i> , <b>2011</b> , 42, 1122-8	6.7	59
241	Ibutilast, a phosphodiesterase inhibitor, protects against white matter damage under chronic cerebral hypoperfusion in the rat. <i>Brain Research</i> , <b>2003</b> , 992, 53-9	3.7	59
240	Translation of Pre-Clinical Studies into Successful Clinical Trials for Alzheimer's Disease: What are the Roadblocks and How Can They Be Overcome?. <i>Journal of Alzheimer's Disease</i> , <b>2015</b> , 47, 815-43	4.3	58
239	Rhodanine and thiohydantoin derivatives for detecting tau pathology in Alzheimer's brains. <i>ACS Chemical Neuroscience</i> , <b>2011</b> , 2, 269-75	5.7	58
238	Effects of intravenous administration of umbilical cord blood CD34(+) cells in a mouse model of neonatal stroke. <i>Neuroscience</i> , <b>2014</b> , 263, 148-58	3.9	57
237	Selective white matter pathology induces a specific impairment in spatial working memory. <i>Neurobiology of Aging</i> , <b>2011</b> , 32, 2324.e7-12	5.6	57
236	Cilostazol add-on therapy in patients with mild dementia receiving donepezil: a retrospective study. <i>PLoS ONE</i> , <b>2014</b> , 9, e89516	3.7	56
235	Lessons from a mouse model characterizing features of vascular cognitive impairment with white matter changes. <i>Journal of Aging Research</i> , <b>2011</b> , 2011, 978761	2.3	54
234	METACOHORTS for the study of vascular disease and its contribution to cognitive decline and neurodegeneration: An initiative of the Joint Programme for Neurodegenerative Disease Research. <i>Alzheimer's and Dementia</i> , <b>2016</b> , 12, 1235-1249	1.2	54
233	Translational models for vascular cognitive impairment: a review including larger species. <i>BMC Medicine</i> , <b>2017</b> , 15, 16	11.4	52
232	Clinicopathologic study on an ALS family with a heterozygous E478G optineurin mutation. <i>Acta Neuropathologica</i> , <b>2011</b> , 122, 223-9	14.3	51
231	Early protective effect of bone marrow mononuclear cells against ischemic white matter damage through augmentation of cerebral blood flow. <i>Stroke</i> , <b>2010</b> , 41, 2938-43	6.7	51
230	Cilostazol improves cognitive function in patients with mild cognitive impairment: a retrospective analysis. <i>Psychogeriatrics</i> , <b>2013</b> , 13, 164-9	1.8	50

229	Taxifolin inhibits amyloid-β oligomer formation and fully restores vascular integrity and memory in cerebral amyloid angiopathy. <i>Acta Neuropathologica Communications</i> , <b>2017</b> , 5, 26	7.3	47
228	Disruption of Sept6, a fusion partner gene of MLL, does not affect ontogeny, leukemogenesis induced by MLL-SEPT6, or phenotype induced by the loss of Sept4. <i>Molecular and Cellular Biology</i> , <b>2005</b> , 25, 10965-78	4.8	47
227	Wernicke's encephalopathy associated with hemodialysis: report of two cases and review of the literature. <i>Clinical Neurology and Neurosurgery</i> , <b>1999</b> , 101, 118-21	2	47
226	Septins as diagnostic markers for a subset of human asthenozoospermia. <i>Journal of Urology</i> , <b>2008</b> , 180, 2706-9	2.5	46
225	Loss of cholinergic pathways in vascular dementia of the Binswanger type. <i>Dementia and Geriatric Cognitive Disorders</i> , <b>2005</b> , 19, 282-8	2.6	46
224	Cilostazol, a phosphodiesterase inhibitor, prevents no-reflow and hemorrhage in mice with focal cerebral ischemia. <i>Experimental Neurology</i> , <b>2012</b> , 233, 523-33	5.7	45
223	Intravenous alteplase for stroke with unknown time of onset guided by advanced imaging: systematic review and meta-analysis of individual patient data. <i>Lancet, The</i> , <b>2020</b> , 396, 1574-1584	4.0	44
222	Silent information regulator 2 homolog 1 counters cerebral hypoperfusion injury by deacetylating endothelial nitric oxide synthase. <i>Stroke</i> , <b>2014</b> , 45, 3403-11	6.7	43
221	Different mechanisms of corpus callosum atrophy in Alzheimer's disease and vascular dementia. <i>Journal of Neurology</i> , <b>2004</b> , 251, 398-406	5.5	42
220	Identification of human endomucin-1 and -2 as membrane-bound O-sialoglycoproteins with anti-adhesive activity. <i>FEBS Letters</i> , <b>2001</b> , 499, 121-6	3.8	42
219	Linking Atrial Fibrillation with Alzheimer's Disease: Epidemiological, Pathological, and Mechanistic Evidence. <i>Journal of Alzheimer's Disease</i> , <b>2018</b> , 62, 61-72	4.3	40
218	Interaction between cerebrovascular disease and Alzheimer pathology. <i>Current Opinion in Psychiatry</i> , <b>2016</b> , 29, 168-73	4.9	40
217	Intracerebral hemorrhage and deep microbleeds associated with cnm-positive Streptococcus mutans; a hospital cohort study. <i>Scientific Reports</i> , <b>2016</b> , 6, 20074	4.9	39
216	Gradual Carotid Artery Stenosis in Mice Closely Replicates Hypoperfusive Vascular Dementia in Humans. <i>Journal of the American Heart Association</i> , <b>2016</b> , 5,	6	39
215	Capillary beds are decreased in Alzheimer's disease, but not in Binswanger's disease. <i>Neuroscience Letters</i> , <b>2007</b> , 417, 128-31	3.3	38
214	Novel <sup>18</sup> F-labeled benzoxazole derivatives as potential positron emission tomography probes for imaging of cerebral amyloid plaques in Alzheimer's disease. <i>Journal of Medicinal Chemistry</i> , <b>2012</b> , 55, 9136-45	8.3	37
213	Decrease in cortical benzodiazepine receptors in symptomatic patients with leukoaraiosis: a positron emission tomography study. <i>Stroke</i> , <b>2004</b> , 35, 942-7	6.7	37
212	Moyamoya Disease Susceptibility Variant RNF213 p.R4810K Increases the Risk of Ischemic Stroke Attributable to Large-Artery Atherosclerosis. <i>Circulation</i> , <b>2019</b> , 139, 295-298	16.7	37

211	Structure-Activity Relationship Study of Heterocyclic Phenylethenyl and Pyridinylethenyl Derivatives as Tau-Imaging Agents That Selectively Detect Neurofibrillary Tangles in Alzheimer's Disease Brains. <i>Journal of Medicinal Chemistry</i> , <b>2015</b> , 58, 7241-57	8.3	36
210	Animal Models of Chronic Cerebral Hypoperfusion: From Mouse to Primate. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	36
209	Effect of S-equol and Soy Isoflavones on Heart and Brain. <i>Current Cardiology Reviews</i> , <b>2019</b> , 15, 114-135	2.4	34
208	Suitability of the Montreal cognitive assessment versus the mini-mental state examination in detecting vascular cognitive impairment. <i>Journal of Stroke and Cerebrovascular Diseases</i> , <b>2013</b> , 22, 737-41	2.8	34
207	Relationship between Cnm-positive Streptococcus mutans and cerebral microbleeds in humans. <i>Oral Diseases</i> , <b>2015</b> , 21, 886-93	3.5	34
206	Unequal crossing-over in unique PABP2 mutations in Japanese patients: a possible cause of oculopharyngeal muscular dystrophy. <i>Archives of Neurology</i> , <b>2002</b> , 59, 474-7		34
205	Effects of environmental enrichment on white matter glial responses in a mouse model of chronic cerebral hypoperfusion. <i>Journal of Neuroinflammation</i> , <b>2017</b> , 14, 81	10.1	33
204	Cerebral hyperperfusion on arterial spin labeling MRI after reperfusion therapy is related to hemorrhagic transformation. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2017</b> , 37, 3087-3090	7.3	31
203	Immunoreactivity of valosin-containing protein in sporadic amyotrophic lateral sclerosis and in a case of its novel mutant. <i>Acta Neuropathologica Communications</i> , <b>2014</b> , 2, 172	7.3	31
202	Phenyldiazenyl benzothiazole derivatives as probes for in vivo imaging of neurofibrillary tangles in Alzheimer's disease brains. <i>MedChemComm</i> , <b>2011</b> , 2, 596	5	31
201	Gluten sensitivity in Japanese patients with adult-onset cerebellar ataxia. <i>Internal Medicine</i> , <b>2006</b> , 45, 135-40	1.1	31
200	High amyloid- $\beta$ deposition related to depressive symptoms in older individuals with normal cognition: a pilot study. <i>International Journal of Geriatric Psychiatry</i> , <b>2016</b> , 31, 920-8	3.9	31
199	Thrombolysis With Alteplase at 0.6 mg/kg for Stroke With Unknown Time of Onset: A Randomized Controlled Trial. <i>Stroke</i> , <b>2020</b> , 51, 1530-1538	6.7	30
198	Development of novel $^{123}\text{I}$ -labeled pyridyl benzofuran derivatives for SPECT imaging of $\beta$ amyloid plaques in Alzheimer's disease. <i>PLoS ONE</i> , <b>2013</b> , 8, e74104	3.7	30
197	Seizure Outcomes and Predictors of Recurrent Post-Stroke Seizure: A Retrospective Observational Cohort Study. <i>PLoS ONE</i> , <b>2015</b> , 10, e0136200	3.7	30
196	High Fat Diet Enhances $\beta$ Site Cleavage of Amyloid Precursor Protein (APP) via Promoting $\beta$ Site APP Cleaving Enzyme 1/Adaptor Protein 2/Clathrin Complex Formation. <i>PLoS ONE</i> , <b>2015</b> , 10, e0131199	3.7	29
195	Pleiotropic neuroprotective effects of taxifolin in cerebral amyloid angiopathy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 10031-10038	11.5	28
194	( $^{18}\text{F}$ )-labeled phenyldiazenyl benzothiazole for in vivo imaging of neurofibrillary tangles in Alzheimer's disease brains. <i>ACS Medicinal Chemistry Letters</i> , <b>2012</b> , 3, 58-62	4.3	28

193	alpha-Synuclein is colocalized with 14-3-3 and synphilin-1 in A53T transgenic mice. <i>Acta Neuropathologica</i> , <b>2006</b> , 112, 681-9	14.3	28
192	Substantial Reduction of Parenchymal Cerebral Blood Flow in Mice with Bilateral Common Carotid Artery Stenosis. <i>Scientific Reports</i> , <b>2016</b> , 6, 32179	4.9	28
191	White matter pathology and disconnection in the frontal lobe in cerebral autosomal dominant arteriopathy with subcortical infarcts and leukoencephalopathy (CADASIL). <i>Neuropathology and Applied Neurobiology</i> , <b>2014</b> , 40, 591-602	5.2	27
190	A multicenter, randomized, placebo-controlled trial for cilostazol in patients with mild cognitive impairment: The COMCID study protocol. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , <b>2016</b> , 2, 250-257	6	27
189	Gradual cerebral hypoperfusion in spontaneously hypertensive rats induces slowly evolving white matter abnormalities and impairs working memory. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2016</b> , 36, 1592-602	7.3	26
188	Resting-state synchrony between the retrosplenial cortex and anterior medial cortical structures relates to memory complaints in subjective cognitive impairment. <i>Neurobiology of Aging</i> , <b>2015</b> , 36, 2145-52	5.6	26
187	SIRT1 attenuates severe ischemic damage by preserving cerebral blood flow. <i>NeuroReport</i> , <b>2015</b> , 26, 113-7	1.7	26
186	Long-term cilostazol treatment reduces gliovascular damage and memory impairment in a mouse model of chronic cerebral hypoperfusion. <i>Scientific Reports</i> , <b>2017</b> , 7, 4299	4.9	26
185	Pericyte-derived bone morphogenetic protein 4 underlies white matter damage after chronic hypoperfusion. <i>Brain Pathology</i> , <b>2018</b> , 28, 521-535	6	25
184	Oral Cnm-positive Streptococcus Mutans Expressing Collagen Binding Activity is a Risk Factor for Cerebral Microbleeds and Cognitive Impairment. <i>Scientific Reports</i> , <b>2016</b> , 6, 38561	4.9	25
183	Immunolocalization of platelet-derived growth factor receptor- $\alpha$ and pericytes in cerebral autosomal dominant arteriopathy with subcortical infarcts and leukoencephalopathy (CADASIL). <i>Neuropathology and Applied Neurobiology</i> , <b>2015</b> , 41, 557-70	5.2	24
182	Synthesis and biological evaluation of novel styryl benzimidazole derivatives as probes for imaging of neurofibrillary tangles in Alzheimer's disease. <i>Bioorganic and Medicinal Chemistry</i> , <b>2013</b> , 21, 3356-62	3.4	24
181	Effects of soy isoflavones on cognitive function: a systematic review and meta-analysis of randomized controlled trials. <i>Nutrition Reviews</i> , <b>2020</b> , 78, 134-144	6.4	24
180	Adrenomedullin promotes differentiation of oligodendrocyte precursor cells into myelin-basic-protein expressing oligodendrocytes under pathological conditions in vitro. <i>Stem Cell Research</i> , <b>2015</b> , 15, 68-74	1.6	23
179	Stroke, cerebrovascular diseases and vascular cognitive impairment in Africa. <i>Brain Research Bulletin</i> , <b>2019</b> , 145, 97-108	3.9	23
178	An autopsy case of SOD1-related ALS with TDP-43 positive inclusions. <i>Neurology</i> , <b>2011</b> , 77, 1993-5	6.5	23
177	Leukoencephalopathy with cognitive impairment following tocilizumab for the treatment of rheumatoid arthritis (RA). <i>Internal Medicine</i> , <b>2009</b> , 48, 1307-9	1.1	23
176	Loss of capillary pericytes and the blood-brain barrier in white matter in poststroke and vascular dementias and Alzheimer's disease. <i>Brain Pathology</i> , <b>2020</b> , 30, 1087-1101	6	23

175	Dysregulation of RNF213 promotes cerebral hypoperfusion. <i>Scientific Reports</i> , <b>2018</b> , 8, 3607	4.9	22
174	Clearance of interstitial fluid (ISF) and CSF (CLIC) group-part of Vascular Professional Interest Area (PIA): Cerebrovascular disease and the failure of elimination of Amyloid- $\beta$ from the brain and retina with age and Alzheimer's disease-Opportunities for Therapy. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , <b>2020</b> , 12, e12053	5.2	22
173	Mild intrauterine hypoperfusion reproduces neurodevelopmental disorders observed in prematurity. <i>Scientific Reports</i> , <b>2016</b> , 6, 39377	4.9	22
172	Synthesis and biological evaluation of novel oxindole derivatives for imaging neurofibrillary tangles in Alzheimer's disease. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2012</b> , 22, 5700-3	2.9	21
171	Visualization of lenticulostriate arteries by flow-sensitive black-blood MR angiography on a 1.5 T MRI system: a comparative study between subjects with and without stroke. <i>American Journal of Neuroradiology</i> , <b>2013</b> , 34, 780-4	4.4	21
170	Structure-Activity Relationships and in Vivo Evaluation of Quinoxaline Derivatives for PET Imaging of $\beta$ Amyloid Plaques. <i>ACS Medicinal Chemistry Letters</i> , <b>2013</b> , 4, 596-600	4.3	21
169	Prevalence of RNF213 p.R4810K Variant in Early-Onset Stroke With Intracranial Arterial Stenosis. <i>Stroke</i> , <b>2019</b> , 50, 1561-1563	6.7	20
168	Highly Selective Tau-SPECT Imaging Probes for Detection of Neurofibrillary Tangles in Alzheimer's Disease. <i>Scientific Reports</i> , <b>2016</b> , 6, 34197	4.9	20
167	Use of Diffusion-Weighted Imaging-Alberta Stroke Program Early Computed Tomography Score (DWI-ASPECTS) and Ischemic Core Volume to Determine the Malignant Profile in Acute Stroke. <i>Journal of the American Heart Association</i> , <b>2019</b> , 8, e012558	6	20
166	Detrimental Effect of Chronic Hypertension on Leptomeningeal Collateral Flow in Acute Ischemic Stroke. <i>Stroke</i> , <b>2019</b> , 50, 1751-1757	6.7	19
165	Drug Repositioning for Alzheimer's Disease: Finding Hidden Clues in Old Drugs. <i>Journal of Alzheimer's Disease</i> , <b>2020</b> , 74, 1013-1028	4.3	19
164	Association of physical activity with the visuospatial/executive functions of the montreal cognitive assessment in patients with vascular cognitive impairment. <i>Journal of Stroke and Cerebrovascular Diseases</i> , <b>2013</b> , 22, e146-51	2.8	19
163	Angiogenic roles of adrenomedullin through vascular endothelial growth factor induction. <i>NeuroReport</i> , <b>2011</b> , 22, 442-7	1.7	19
162	Risk factors for post-stroke seizure recurrence after the first episode. <i>Seizure: the Journal of the British Epilepsy Association</i> , <b>2017</b> , 52, 22-26	3.2	18
161	The effects of environmental enrichment on white matter pathology in a mouse model of chronic cerebral hypoperfusion. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>2018</b> , 38, 151-165	7.3	18
160	Acute stroke rehabilitation for gait training with cyborg type robot Hybrid Assistive Limb: A pilot study. <i>Journal of the Neurological Sciences</i> , <b>2019</b> , 404, 11-15	3.2	18
159	Intracranial Cerebral Artery Dissection of Anterior Circulation as a Cause of Convexity Subarachnoid Hemorrhage. <i>Cerebrovascular Diseases</i> , <b>2015</b> , 40, 45-51	3.2	18
158	Mild Cognitive Impairment: At the Crossroad of Neurodegeneration and Vascular Dysfunction. <i>Current Alzheimer Research</i> , <b>2015</b> , 12, 507-12	3	18



157	A mouse model of chronic cerebral hypoperfusion characterizing features of vascular cognitive impairment. <i>Methods in Molecular Biology</i> , <b>2014</b> , 1135, 95-102	1.4	18
156	Evaluations of Intravenous Administration of CD34+ Human Umbilical Cord Blood Cells in a Mouse Model of Neonatal Hypoxic-Ischemic Encephalopathy. <i>Developmental Neuroscience</i> , <b>2016</b> , 38, 331-341	2.2	18
155	Early Initiation of Direct Oral Anticoagulants After Onset of Stroke and Short- and Long-Term Outcomes of Patients With Nonvalvular Atrial Fibrillation. <i>Stroke</i> , <b>2020</b> , 51, 883-891	6.7	17
154	Understanding and preventing the development of post-stroke dementia. <i>Expert Review of Neurotherapeutics</i> , <b>2014</b> , 14, 1067-77	4.3	17
153	A novel mouse model of ischemic carotid artery disease. <i>PLoS ONE</i> , <b>2014</b> , 9, e100257	3.7	17
152	Development of a Multicomponent Intervention to Prevent Alzheimer's Disease. <i>Frontiers in Neurology</i> , <b>2019</b> , 10, 490	4.1	16
151	Low amyloid- $\beta$ deposition correlates with high education in cognitively normal older adults: a pilot study. <i>International Journal of Geriatric Psychiatry</i> , <b>2015</b> , 30, 919-26	3.9	16
150	Outcome Prediction in Acute Stroke Patients by Continuous Glucose Monitoring. <i>Journal of the American Heart Association</i> , <b>2018</b> , 7,	6	16
149	Imaging of Cerebral Amyloid Angiopathy with Bivalent (99m)Tc-Hydroxamamide Complexes. <i>Scientific Reports</i> , <b>2016</b> , 6, 25990	4.9	16
148	Colocalization of 14-3-3 proteins with SOD1 in Lewy body-like hyaline inclusions in familial amyotrophic lateral sclerosis cases and the animal model. <i>PLoS ONE</i> , <b>2011</b> , 6, e20427	3.7	16
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