

Jacques De Keyser

List of Publications by Year in descending order

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350
papers

18,758
citations

13865

67
h-index

17592

121
g-index

353
all docs

353
docs citations

353
times ranked

18942
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid Blood-Pressure Lowering in Patients with Acute Intracerebral Hemorrhage. <i>New England Journal of Medicine</i> , 2013, 368, 2355-2365.	27.0	1,269
2	Placebo-controlled multicentre randomised trial of interferon β -1b in treatment of secondary progressive multiple sclerosis. <i>Lancet</i> , The, 1998, 352, 1491-1497.	13.7	961
3	Use of the Barthel Index and Modified Rankin Scale in Acute Stroke Trials. <i>Stroke</i> , 1999, 30, 1538-1541.	2.0	943
4	Aspirin and Extended-Release Dipyridamole versus Clopidogrel for Recurrent Stroke. <i>New England Journal of Medicine</i> , 2008, 359, 1238-1251.	27.0	882
5	Telmisartan to Prevent Recurrent Stroke and Cardiovascular Events. <i>New England Journal of Medicine</i> , 2008, 359, 1225-1237.	27.0	703
6	Clinical trials with neuroprotective drugs in acute ischaemic stroke: are we doing the right thing?. <i>Trends in Neurosciences</i> , 1999, 22, 535-540.	8.6	344
7	Cerebral Autoregulation in Stroke. <i>Stroke</i> , 2010, 41, 2697-2704.	2.0	341
8	Effects of aspirin plus extended-release dipyridamole versus clopidogrel and telmisartan on disability and cognitive function after recurrent stroke in patients with ischaemic stroke in the Prevention Regimen for Effectively Avoiding Second Strokes (PROFESS) trial: a double-blind, active and placebo-controlled study. <i>Lancet Neurology</i> , The, 2008, 7, 875-884.	10.2	310
9	Interleukin-6, a mental cytokine. <i>Brain Research Reviews</i> , 2011, 67, 157-183.	9.0	305
10	Intravenous Nimodipine West European Stroke Trial (INWEST) of Nimodipine in the Treatment of Acute Ischaemic Stroke. <i>Cerebrovascular Diseases</i> , 1994, 4, 204-210.	1.7	277
11	Optimizing Cutoff Scores for the Barthel Index and the Modified Rankin Scale for Defining Outcome in Acute Stroke Trials. <i>Stroke</i> , 2005, 36, 1984-1987.	2.0	243
12	Dysfunctional astrocytes as key players in the pathogenesis of central nervous system disorders. <i>Journal of the Neurological Sciences</i> , 2008, 267, 3-16.	0.6	205
13	Vascular aspects of multiple sclerosis. <i>Lancet Neurology</i> , The, 2011, 10, 657-666.	10.2	195
14	Tremor in multiple sclerosis. <i>Journal of Neurology</i> , 2007, 254, 133-145.	3.6	180
15	The European Stroke Scale.. <i>Stroke</i> , 1994, 25, 2215-2219.	2.0	170
16	Admitting Acute Ischemic Stroke Patients to a Stroke Care Monitoring Unit Versus a Conventional Stroke Unit. <i>Stroke</i> , 2003, 34, 101-104.	2.0	165
17	Immune Players in the CNS: The Astrocyte. <i>Journal of NeuroImmune Pharmacology</i> , 2013, 8, 824-839.	4.1	165
18	Intravenous Alteplase for Stroke. <i>Stroke</i> , 2007, 38, 2612-2618.	2.0	163

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19	Central-nervous-system demyelination after immunisation with recombinant hepatitis B vaccine. <i>Lancet, The</i> , 1991, 338, 1174-1175.	13.7	157
20	Imidazoline receptors, non-adrenergic idazoxan binding sites and α_2 -adrenoceptors in the human central nervous system. <i>Neuroscience</i> , 1994, 59, 589-598.	2.3	148
21	Age-related changes in the human nigrostriatal dopaminergic system. <i>Annals of Neurology</i> , 1990, 27, 157-161.	5.3	139
22	The Symbol Digit Modalities Test as sentinel test for cognitive impairment in multiple sclerosis. <i>European Journal of Neurology</i> , 2014, 21, 1219.	3.3	133
23	Lubeluzole in Acute Ischemic Stroke. <i>Stroke</i> , 1996, 27, 76-81.	2.0	123
24	Autoradiographic localization of D1 and D2 dopamine receptors in the human brain. <i>Neuroscience Letters</i> , 1988, 91, 142-147.	2.1	116
25	Effects of influenza vaccination and influenza illness on exacerbations in multiple sclerosis. <i>Journal of the Neurological Sciences</i> , 1998, 159, 51-53.	0.6	109
26	Benign course in multiple sclerosis: a review. <i>Acta Neurologica Scandinavica</i> , 2006, 113, 359-369.	2.1	106
27	Characterizing the Mechanisms of Progression in Multiple Sclerosis. <i>Archives of Neurology</i> , 2005, 62, 1345.	4.5	105
28	Seizures in multiple sclerosis. <i>Epilepsia</i> , 2008, 49, 948-953.	5.1	104
29	Hypoperfusion of the Cerebral White Matter in Multiple Sclerosis: Possible Mechanisms and Pathophysiological Significance. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2008, 28, 1645-1651.	4.3	101
30	Cerebral hypoperfusion in multiple sclerosis is reversible and mediated by endothelin-1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 5654-5658.	7.1	101
31	Moderate hyperglycaemia is associated with favourable outcome in acute lacunar stroke. <i>Brain</i> , 2007, 130, 1626-1630.	7.6	100
32	White-Matter Astrocytes, Axonal Energy Metabolism, and Axonal Degeneration in Multiple Sclerosis. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2012, 32, 413-424.	4.3	96
33	Comparison of serum S-100 protein levels following stroke and traumatic brain injury. <i>Journal of the Neurological Sciences</i> , 2000, 181, 104-110.	0.6	94
34	Treatment with interferon beta-1b delays conversion to clinically definite and McDonald MS in patients with clinically isolated syndromes. <i>Neurology</i> , 2007, 68, 1163-1164.	1.1	94
35	Autonomic dysfunction in acute ischemic stroke: An underexplored therapeutic area?. <i>Journal of the Neurological Sciences</i> , 2015, 348, 24-34.	0.6	94
36	Autoradiographic distribution of D3-type dopamine receptors in human brain using [3H]7-hydroxy-N,N-di-n-propyl-2-aminotetralin. <i>Brain Research</i> , 1994, 648, 222-228.	2.2	93

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37	Cerebral Hypoperfusion: A New Pathophysiologic Concept in Multiple Sclerosis?. Journal of Cerebral Blood Flow and Metabolism, 2015, 35, 1406-1410.	4.3	92
38	Menstrually related worsening of symptoms in multiple sclerosis. Journal of the Neurological Sciences, 1997, 149, 95-97.	0.6	91
39	Alcohol, coffee, fish, smoking and disease progression in multiple sclerosis. European Journal of Neurology, 2012, 19, 616-624.	3.3	91
40	The effect of aging on the D1 dopamine receptors in human frontal cortex. Brain Research, 1990, 528, 308-310.	2.2	89
41	Plasma homocysteine levels in multiple sclerosis. Journal of Neurology, Neurosurgery and Psychiatry, 2006, 77, 189-192.	1.9	89
42	Therapeutic Potential of Fluoxetine in Neurological Disorders. CNS Neuroscience and Therapeutics, 2008, 14, 153-164.	3.9	89
43	Efficacy of desmopressin in patients with multiple sclerosis suffering from bladder dysfunction: a meta-analysis. Acta Neurologica Scandinavica, 2005, 112, 1-5.	2.1	88
44	Menarche, oral contraceptives, pregnancy and progression of disability in relapsing onset and progressive onset multiple sclerosis. Journal of Neurology, 2012, 259, 855-861.	3.6	87
45	Effects of fluoxetine on disease activity in relapsing multiple sclerosis: a double-blind, placebo-controlled, exploratory study. Journal of Neurology, Neurosurgery and Psychiatry, 2008, 79, 1027-1031.	1.9	86
46	Free insulin-like growth factor (IGF)-I and IGF binding proteins 2, 5, and 6 in spinal motor neurons in amyotrophic lateral sclerosis. Lancet, The, 2003, 361, 1007-1011.	13.7	85
47	Structural and functional neuroimaging in mild-to-moderate head injury. Lancet Neurology, The, 2007, 6, 699-710.	10.2	84
48	Risks of multiple sclerosis in relatives of patients in Flanders, Belgium.. Journal of Neurology, Neurosurgery and Psychiatry, 1997, 62, 329-333.	1.9	83
49	Progression in multiple sclerosis: Further evidence of an age dependent process. Journal of the Neurological Sciences, 2007, 255, 35-41.	0.6	83
50	Insulin-Like Growth Factor I. Stroke, 2009, 40, e83-8.	2.0	83
51	European Academy of Neurology and European Stroke Organization consensus statement and practical guidance for pre-hospital management of stroke. European Journal of Neurology, 2018, 25, 425-433.	3.3	83
52	Heart Rate Variability and Baroreceptor Sensitivity in Acute Stroke: A Systematic Review. International Journal of Stroke, 2015, 10, 796-800.	5.9	82
53	Cigarette smoking and progression in multiple sclerosis. Neurology, 2007, 69, 1515-1520.	1.1	81
54	Regional Distribution of α 2A- and α 2B-Adrenoceptor Subtypes in Postmortem Human Brain. Journal of Neurochemistry, 1992, 58, 1555-1560.	3.9	80

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55	Cooling garment treatment in MS: Clinical improvement and decrease in leukocyte NO production. <i>Neurology</i> , 2001, 57, 892-894.	1.1	80
56	Are Astrocytes Central Players in the Pathophysiology of Multiple Sclerosis?. <i>Archives of Neurology</i> , 2003, 60, 132.	4.5	80
57	The impact of disabilities on quality of life in people with multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2008, 14, 972-980.	3.0	79
58	Reactive astrocytes in chronic active lesions of multiple sclerosis express co-stimulatory molecules B7-1 and B7-2. <i>Journal of Neuroimmunology</i> , 2003, 135, 166-171.	2.3	78
59	Measuring disability in stroke: relationship between the modified Rankin scale and the Barthel index. <i>Journal of Neurology</i> , 2007, 254, 1113-1117.	3.6	75
60	Oxidative stress in serum and peripheral blood leukocytes in patients with different disease courses of multiple sclerosis. <i>Journal of Neurology</i> , 2006, 253, 483-487.	3.6	74
61	Astrocytes in chronic active multiple sclerosis plaques express MHC class II molecules. <i>NeuroReport</i> , 2000, 11, 89-91.	1.2	71
62	Insulin-like Growth Factor System Regulates Oligodendroglial Cell Behavior: Therapeutic Potential in CNS. <i>Journal of Molecular Neuroscience</i> , 2008, 35, 81-90.	2.3	71
63	Intravenous Thrombolysis with Recombinant Tissue Plasminogen Activator in a Stroke Patient Treated with Dabigatran. <i>Cerebrovascular Diseases</i> , 2010, 30, 533-534.	1.7	71
64	Autoradiographic distribution of α_2 adrenoceptors, NAIBS, and 5-HT1A receptors in human brain using [3H]idazoxan and [3H]rauwolscine. <i>Brain Research</i> , 1991, 566, 13-20.	2.2	70
65	Early prediction of a benign course of multiple sclerosis on clinical grounds: a systematic review. <i>Multiple Sclerosis Journal</i> , 2001, 7, 345-347.	3.0	69
66	Modifiable factors influencing relapses and disability in multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2010, 16, 773-785.	3.0	69
67	Perfusion computed tomography in the acute phase of mild head injury: Regional dysfunction and prognostic value. <i>Annals of Neurology</i> , 2009, 66, 809-816.	5.3	68
68	Safety of Antiplatelet Therapy Prior to Intravenous Thrombolysis in Acute Ischemic Stroke. <i>Archives of Neurology</i> , 2008, 65, 607-11.	4.5	67
69	Insulin-Like Growth Factor I Serum Levels Influence Ischemic Stroke Outcome. <i>Stroke</i> , 2011, 42, 2180-2185.	2.0	67
70	Astrocyte loss and astrogliosis in neuroinflammatory disorders. <i>Neuroscience Letters</i> , 2014, 565, 39-41.	2.1	65
71	High affinity binding of 3H rauwolscine and 3H RX781094 to α_2 adrenergic receptors and non-stereo selective sites in human and rabbit brain cortex membranes. <i>Biochemical Pharmacology</i> , 1989, 38, 455-463.	4.4	63
72	AMPA Antagonist ZK200775 in Patients With Acute Ischemic Stroke. <i>Stroke</i> , 2002, 33, 2813-2818.	2.0	63

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73	Parity and secondary progression in multiple sclerosis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2009, 80, 676-678.	1.9	63
74	Intracranial artery dissection. <i>European Journal of Neurology</i> , 2014, 21, 820-826.	3.3	63
75	Reduced information processing speed as primum movens for cognitive decline in MS. <i>Multiple Sclerosis Journal</i> , 2015, 21, 83-91.	3.0	63
76	D1 dopamine receptors in human putamen, frontal cortex and calf retina: differences in guanine nucleotide regulation of agonist binding and adenylate cyclase stimulation. <i>Brain Research</i> , 1988, 443, 77-84.	2.2	60
77	Evidence for a widespread dopaminergic innervation of the human cerebral neocortex. <i>Neuroscience Letters</i> , 1989, 104, 281-285.	2.1	60
78	Prehospital Unassisted Assessment of Stroke Severity Using Telemedicine. <i>Stroke</i> , 2013, 44, 2907-2909.	2.0	60
79	[3H]dihydroalprenolol binding to beta adrenergic receptors in multiple sclerosis brain. <i>Neuroscience Letters</i> , 2000, 289, 75-77.	2.1	59
80	Plasma lipid peroxidation and progression of disability in multiple sclerosis. <i>European Journal of Neurology</i> , 2007, 14, 529-533.	3.3	59
81	The pathophysiological role of astrocytic endothelin-1. <i>Progress in Neurobiology</i> , 2016, 144, 88-102.	5.7	59
82	Gut microbiome variation is associated to Multiple Sclerosis phenotypic subtypes. <i>Annals of Clinical and Translational Neurology</i> , 2020, 7, 406-419.	3.7	59
83	Lipid profile, statin use, and outcome after intravenous thrombolysis for acute ischaemic stroke. <i>Journal of Neurology</i> , 2008, 255, 875-880.	3.6	58
84	Feasibility of AmbulanCe-Based Telemedicine (FACT) Study: Safety, Feasibility and Reliability of Third Generation In-Ambulance Telemedicine. <i>PLoS ONE</i> , 2014, 9, e110043.	2.5	58
85	Reliable measurements of brain atrophy in individual patients with multiple sclerosis. <i>Brain and Behavior</i> , 2016, 6, e00518.	2.2	58
86	Drug points: Worsening of symptoms of multiple sclerosis associated with carbamazepine. <i>BMJ: British Medical Journal</i> , 2000, 320, 1113-1113.	2.3	57
87	Astrocytic β_2 -adrenergic receptors and multiple sclerosis. <i>Neurobiology of Disease</i> , 2004, 15, 331-339.	4.4	57
88	Insulin-like growth factor-I receptors in human brain and pituitary gland: An autoradiographic study. <i>Synapse</i> , 1994, 17, 196-202.	1.2	56
89	The Incidence of Stroke Mimics Among Stroke Department Admissions in Relation to Age Group. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2008, 17, 418-422.	1.6	56
90	A randomized crossover study of bee sting therapy for multiple sclerosis. <i>Neurology</i> , 2005, 65, 1764-1768.	1.1	54

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91	1H MR spectroscopy of the brain in multiple sclerosis subtypes with analysis of the metabolite concentrations in gray and white matter: initial findings. <i>European Radiology</i> , 2006, 16, 489-495.	4.5	54
92	Astrocytic $\hat{1}2$ -adrenergic receptors: From physiology to pathology. <i>Progress in Neurobiology</i> , 2010, 91, 189-199.	5.7	54
93	Pharmacologic treatment of depression in multiple sclerosis. <i>The Cochrane Library</i> , 2011, , CD007295.	2.8	53
94	[3H]GBR 12935 Binding to Dopamine Uptake Sites in the Human Brain. <i>Journal of Neurochemistry</i> , 1989, 53, 1400-1404.	3.9	52
95	The Premenstrual Period and Exacerbations in Multiple Sclerosis. <i>European Neurology</i> , 2002, 48, 204-206.	1.4	52
96	Fluoxetine increases cerebral white matter NAA/Cr ratio in patients with multiple sclerosis. <i>Neuroscience Letters</i> , 2006, 402, 22-24.	2.1	51
97	Long-Term Sequelae after Cerebral Venous Thrombosis in Functionally Independent Patients. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2009, 18, 198-202.	1.6	51
98	Cyclosporin leukoencephalopathy induced by intravenous lipid solution. <i>Lancet, The</i> , 1992, 339, 1114.	13.7	50
99	D1-Dopamine Receptor Abnormality in Frontal Cortex Points to a Functional Alteration of Cortical Cell Membranes in Alzheimer's Disease. <i>Archives of Neurology</i> , 1990, 47, 761-763.	4.5	49
100	Continuous pulse oximetry in acute hemiparetic stroke. <i>Journal of the Neurological Sciences</i> , 2000, 179, 65-69.	0.6	48
101	The Insulin-like Growth Factor System in Multiple Sclerosis. <i>International Review of Neurobiology</i> , 2007, 79, 203-226.	2.0	48
102	Excitotoxic Mechanisms May Be Involved in the Pathophysiology of Tardive Dyskinesia. <i>Clinical Neuropharmacology</i> , 1991, 14, 562-566.	0.7	47
103	Insulin-like growth factor binding protein-2 as a regulator of IGF actions in CNS: Implications in multiple sclerosis. <i>Cytokine and Growth Factor Reviews</i> , 2007, 18, 267-278.	7.2	47
104	Fatigue, depression and progression in multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2008, 14, 815-822.	3.0	47
105	Reduced Creatine Kinase B Activity in Multiple Sclerosis Normal Appearing White Matter. <i>PLoS ONE</i> , 2010, 5, e10811.	2.5	47
106	The AMPA Antagonist ZK 200775 in Patients with Acute Ischaemic Stroke: A Double-Blind, Multicentre, Placebo-Controlled Safety and Tolerability Study. <i>Cerebrovascular Diseases</i> , 2005, 20, 304-309.	1.7	46
107	Impact of fluoxetine on the human brain in multiple sclerosis as quantified by proton magnetic resonance spectroscopy and diffusion tensor imaging. <i>Psychiatry Research - Neuroimaging</i> , 2008, 164, 274-282.	1.8	46
108	Acute Posterior Multifocal Placoid Pigment Epitheliopathy With Cerebral Vasculitis: A Multisystem Granulomatous Disease. <i>JAMA Ophthalmology</i> , 2006, 124, 910.	2.4	45

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109	Astrocytes as potential targets to suppress inflammatory demyelinating lesions in multiple sclerosis. <i>Neurochemistry International</i> , 2010, 57, 446-450.	3.8	45
110	Serum concentrations of vitamins A and E and early outcome after ischaemic stroke. <i>Lancet, The</i> , 1992, 339, 1562-1565.	13.7	44
111	Headache associated with cough: a review. <i>Journal of Headache and Pain</i> , 2013, 14, 42.	6.0	44
112	Janus faces of microglia in multiple sclerosis. <i>Brain Research Reviews</i> , 2007, 54, 274-285.	9.0	43
113	Progesterone and dexamethasone differentially regulate the IGF-system in glial cells. <i>Neuroscience Letters</i> , 2010, 468, 178-182.	2.1	43
114	Prehospital Stroke Care: Limitations of Current Interventions and Focus on New Developments. <i>Cerebrovascular Diseases</i> , 2014, 38, 1-9.	1.7	42
115	The European Stroke Organisation Guidelines: a standard operating procedure. <i>International Journal of Stroke</i> , 2015, 10, 128-135.	5.9	41
116	Î2-Adrenoceptor involvement in inflammatory demyelination and axonal degeneration in multiple sclerosis. <i>Trends in Pharmacological Sciences</i> , 2004, 25, 67-71.	8.7	40
117	Cerebrospinal fluid oligoclonal bands and progression of disability in multiple sclerosis. <i>European Journal of Neurology</i> , 2007, 14, 797-800.	3.3	40
118	Insulin-like growth factor-I receptor densities in human frontal cortex and white matter during aging, in Alzheimer's disease, and in Huntington's disease. <i>Neuroscience Letters</i> , 1994, 172, 93-96.	2.1	39
119	Bromocriptine Therapy in Multiple Sclerosis. <i>Clinical Neuropharmacology</i> , 1994, 17, 473-476.	0.7	39
120	Predictive value of clinical characteristics for 'benign' multiple sclerosis. <i>European Journal of Neurology</i> , 2007, 14, 885-889.	3.3	39
121	The Multiple Sclerosis Impact Profile (MSIP). Development and testing psychometric properties of an ICF-based health measure. <i>Disability and Rehabilitation</i> , 2008, 30, 261-274.	1.8	39
122	tPA treatment for acute ischaemic stroke in patients with leukoaraiosis. <i>European Journal of Neurology</i> , 2010, 17, 866-870.	3.3	39
123	[3H]Rauwolscine labels Î2-adrenoceptors and 5-HT1A receptors in human cerebral cortex. <i>European Journal of Pharmacology</i> , 1989, 159, 307-310.	3.5	38
124	Uric acid in multiple sclerosis. <i>Neurological Research</i> , 2006, 28, 316-319.	1.3	38
125	Statin Use and Functional Outcome after Tissue Plasminogen Activator Treatment in Acute Ischaemic Stroke. <i>Cerebrovascular Diseases</i> , 2010, 29, 263-267.	1.7	38
126	Guillain-Barré syndrome as the presenting manifestation of hepatitis C infection. <i>Neurology</i> , 1993, 43, 2143-2143.	1.1	37

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127	Cerebral white matter blood flow and energy metabolism in multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2013, 19, 1282-1289.	3.0	37
128	D2 dopamine receptors in the human brain: heterogeneity based on differences in guanine nucleotide effect on agonist binding, and their presence on corticostriatal nerve terminals. <i>Brain Research</i> , 1989, 484, 36-42.	2.2	36
129	Subtypes and localization of dopamine receptors in human brain. <i>Neurochemistry International</i> , 1993, 22, 83-93.	3.8	36
130	Antipyretics in acute ischaemic stroke. <i>Lancet</i> , The, 1998, 352, 6-7.	13.7	36
131	An often unrecognized cause of thunderclap headache: reversible cerebral vasoconstriction syndrome. <i>Journal of Headache and Pain</i> , 2008, 9, 389-391.	6.0	36
132	Dietary patterns in clinical subtypes of multiple sclerosis: an exploratory study. <i>Nutrition Journal</i> , 2009, 8, 36.	3.4	36
133	Î²2-adrenergic agonists modulate TNF-Î± induced astrocytic inflammatory gene expression and brain inflammatory cell populations. <i>Journal of Neuroinflammation</i> , 2014, 11, 21.	7.2	36
134	Definition, prevalence and predictive factors of benign multiple sclerosis. <i>ENeurologicalSci</i> , 2017, 7, 37-43.	1.3	36
135	Monoaminergic neurotransmitters in Alzheimer's disease. <i>Journal of the Neurological Sciences</i> , 1989, 92, 101-116.	0.6	35
136	Self-Treatment of Acute Migraine with Subcutaneous Sumatriptan Using an Auto-Injector Device: Comparison With Customary Treatment in An Open, Longitudinal Study. <i>Cephalalgia</i> , 1994, 14, 55-63.	3.9	35
137	Dopamine agonists used in the treatment of Parkinson's disease and their selectivity for the D1, D2, and D3 dopamine receptors in human striatum. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 1995, 19, 1147-1154.	4.8	35
138	Neurosexology. Guidelines for Neurologists. European Federation of Neurological Societies Task Force on Neurosexology*. <i>European Journal of Neurology</i> , 2001, 8, 2-24.	3.3	34
139	Female Gender and Reproductive Factors Affecting Risk, Relapses and Progression in Multiple Sclerosis. <i>Gynecologic and Obstetric Investigation</i> , 2013, 75, 73-84.	1.6	34
140	Graph theoretical analysis indicates cognitive impairment in MS stems from neural disconnection. <i>NeuroImage: Clinical</i> , 2014, 4, 403-410.	2.7	34
141	Regional distribution of the dopamine D2 receptors in the mesotelencephalic dopamine neuron system of human brain. <i>Journal of the Neurological Sciences</i> , 1985, 71, 119-127.	0.6	33
142	Pitfalls in the diagnosis of reversible cerebral vasoconstriction syndrome and primary angiitis of the central nervous system. <i>European Journal of Neurology</i> , 2007, 14, 1085-1087.	3.3	33
143	Fatigue, depression and disability accumulation in multiple sclerosis: a cross-sectional study. <i>European Journal of Neurology</i> , 2009, 16, 348-352.	3.3	33
144	SCN4A variants and Brugada syndrome: phenotypic and genotypic overlap between cardiac and skeletal muscle sodium channelopathies. <i>European Journal of Human Genetics</i> , 2016, 24, 400-407.	2.8	33

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145	Human M1-, M2- and M3-muscarinic cholinergic receptors: Binding characteristics of agonists and antagonists. <i>Journal of the Neurological Sciences</i> , 1990, 97, 67-80.	0.6	32
146	Involvement of morbilliviruses in the pathogenesis of demyelinating disease. <i>Reviews in Medical Virology</i> , 2007, 17, 223-244.	8.3	32
147	Lack of association between serum uric acid levels and outcome in acute ischemic stroke. <i>Journal of the Neurological Sciences</i> , 2012, 319, 51-55.	0.6	32
148	Two Time Point MS Lesion Segmentation in Brain MRI: An Expectation-Maximization Framework. <i>Frontiers in Neuroscience</i> , 2016, 10, 576.	2.8	32
149	Development and Pilot Testing of 24/7 In-Ambulance Telemedicine for Acute Stroke: Prehospital Stroke Study at the Universitair Ziekenhuis Brussel-Project. <i>Cerebrovascular Diseases</i> , 2016, 42, 15-22.	1.7	32
150	Mapping of a susceptibility gene for multiple sclerosis to the 51Åkb interval between G511525 and D6S1666 using a new method of haplotype sharing analysis. <i>Neurogenetics</i> , 2001, 3, 221-230.	1.4	31
151	Autologous mesenchymal stem cell transplantation in stroke patients. <i>Annals of Neurology</i> , 2005, 58, 653-654.	5.3	31
152	Estimated GFR and the Effect of Intensive Blood Pressure Lowering After Acute Intracerebral Hemorrhage. <i>American Journal of Kidney Diseases</i> , 2016, 68, 94-102.	1.9	31
153	Insulin-like growth factor-I receptors in normal appearing white matter and chronic plaques in multiple sclerosis. <i>Brain Research</i> , 1997, 772, 243-246.	2.2	30
154	Acetylsalicylic Acid and Acetaminophen to Combat Elevated Body Temperature in Acute Ischemic Stroke. <i>Cerebrovascular Diseases</i> , 2004, 17, 118-122.	1.7	30
155	Factors associated with the risk of secondary progression in multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2008, 14, 799-803.	3.0	30
156	Bilateral low frequency rTMS of the primary motor cortex may not be a suitable treatment for levodopa-induced dyskinesias in late stage Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2016, 22, 62-67.	2.2	30
157	Insulin-like growth factor binding proteins-1 and -2 differentially inhibit rat oligodendrocyte precursor cell survival and differentiation in vitro. <i>Journal of Neuroscience Research</i> , 2002, 69, 207-216.	2.9	29
158	Involvement of insulin-like growth factor binding protein-2 in activated microglia as assessed in post mortem human brain. <i>Neuroscience Letters</i> , 2004, 362, 14-16.	2.1	29
159	5HT4 agonists inhibit interferon-Î³-induced MHC class II and B7 costimulatory molecules expression on cultured astrocytes. <i>Journal of Neuroimmunology</i> , 2006, 179, 191-195.	2.3	29
160	Safety of routine IV thrombolysis between 3 and 4.5Åh after ischemic stroke. <i>Journal of the Neurological Sciences</i> , 2007, 254, 28-32.	0.6	29
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