

Paul A Lapchak

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.

139
papers

6,204
citations

41
h-index

74
g-index

144
ext. papers

6,619
ext. citations

5.4
avg, IF

6.04
L-index

#	Paper	IF	Citations
139	Functional recovery in parkinsonian monkeys treated with GDNF. <i>Nature</i> , 1996 , 380, 252-5	50.4	856
138	Metalloproteinase inhibition reduces thrombolytic (tissue plasminogen activator)-induced hemorrhage after thromboembolic stroke. <i>Stroke</i> , 2000 , 31, 3034-40	6.7	293
137	Germline mutations in glial cell line-derived neurotrophic factor (GDNF) and RET in a Hirschsprung disease patient. <i>Nature Genetics</i> , 1996 , 14, 341-4	36.3	252
136	BDNF mRNA expression in the developing rat brain following kainic acid-induced seizure activity. <i>Neuron</i> , 1992 , 8, 1127-38	13.9	182
135	RIGOR guidelines: escalating STAIR and STEPS for effective translational research. <i>Translational Stroke Research</i> , 2013 , 4, 279-85	7.8	175
134	Localization of interleukin-2 immunoreactivity and interleukin-2 receptors in the rat brain: interaction with the cholinergic system. <i>Brain Research</i> , 1989 , 498, 257-66	3.7	168
133	Transcranial infrared laser therapy improves clinical rating scores after embolic strokes in rabbits. <i>Stroke</i> , 2004 , 35, 1985-8	6.7	161
132	A critical assessment of edaravone acute ischemic stroke efficacy trials: is edaravone an effective neuroprotective therapy?. <i>Expert Opinion on Pharmacotherapy</i> , 2010 , 11, 1753-63	4	139
131	BDNF and NGF treatment in lesioned rats: effects on cholinergic function and weight gain. <i>NeuroReport</i> , 1992 , 3, 405-8	1.7	139
130	Transcranial near infrared laser treatment (NILT) increases cortical adenosine-5-triphosphate (ATP) content following embolic strokes in rabbits. <i>Brain Research</i> , 2010 , 1306, 100-5	3.7	111
129	A novel approach to screening for new neuroprotective compounds for the treatment of stroke. <i>Brain Research</i> , 2007 , 1173, 117-25	3.7	104
128	Dehydroepiandrosterone sulfate is neuroprotective in a reversible spinal cord ischemia model: possible involvement of GABA(A) receptors. <i>Stroke</i> , 2000 , 31, 1953-6; discussion 1957	6.7	102
127	Neuroprotective effects of the spin trap agent disodium-[(tert-butylimino)methyl]benzene-1,3-disulfonate N-oxide (generic NXY-059) in a rabbit small clot embolic stroke model: combination studies with the thrombolytic tissue plasminogen activator. <i>Stroke</i> , 2002 , 33, 1411-5	6.7	101
126	Binding sites for [3H]AF-DX 116 and effect of AF-DX 116 on endogenous acetylcholine release from rat brain slices. <i>Brain Research</i> , 1989 , 496, 285-94	3.7	101
125	Microplasmin: a novel thrombolytic that improves behavioral outcome after embolic strokes in rabbits. <i>Stroke</i> , 2002 , 33, 2279-84	6.7	93
124	BDNF and trkB mRNA expression in the hippocampal formation of aging rats. <i>Neurobiology of Aging</i> , 1993 , 14, 121-6	5.6	89
123	Adenoviral vector-mediated GDNF gene therapy in a rodent lesion model of late stage Parkinson disease. <i>Brain Research</i> , 1997 , 777, 153-60	3.7	81

122	Glial cell line-derived neurotrophic factor: distribution and pharmacology in the rat following a bolus intraventricular injection. <i>Brain Research</i> , 1997 , 747, 92-102	3.7	78
121	Effects of the spin trap agent disodium- [tert-butylimino)methyl]benzene-1,3-disulfonate N-oxide (generic NXY-059) on intracerebral hemorrhage in a rabbit Large clot embolic stroke model: combination studies with tissue plasminogen activator. <i>Stroke</i> , 2002 , 33, 1665-70	6.7	78
120	Neurotrophins and Neurotrophin Receptors in Adult Brain Plasticity. <i>Journal of Neural Transplantation & Plasticity</i> , 1992 , 3, 265-266		78
119	Ebselen, a seleno-organic antioxidant, is neuroprotective after embolic strokes in rabbits: synergism with low-dose tissue plasminogen activator. <i>Stroke</i> , 2003 , 34, 2013-8	6.7	75
118	Advances in ischemic stroke treatment: neuroprotective and combination therapies. <i>Expert Opinion on Emerging Drugs</i> , 2007 , 12, 97-112	3.7	74
117	Hemorrhagic transformation following ischemic stroke: significance, causes, and relationship to therapy and treatment. <i>Current Neurology and Neuroscience Reports</i> , 2002 , 2, 38-43	6.6	71
116	Taking a light approach to treating acute ischemic stroke patients: transcranial near-infrared laser therapy translational science. <i>Annals of Medicine</i> , 2010 , 42, 576-86	1.5	66
115	Translational stroke research using a rabbit embolic stroke model: a correlative analysis hypothesis for novel therapy development. <i>Translational Stroke Research</i> , 2010 , 1, 96-107	7.8	63
114	Preclinical development of neurosteroids as neuroprotective agents for the treatment of neurodegenerative diseases. <i>International Review of Neurobiology</i> , 2001 , 46, 379-97	4.4	61
113	Pharmacological effects of the spin trap agents N-t-butyl-phenylnitrone (PBN) and 2,2,6,6-tetramethylpiperidine-N-oxyl (TEMPO) in a rabbit thromboembolic stroke model: combination studies with the thrombolytic tissue plasminogen activator. <i>Stroke</i> , 2001 , 32, 147-53	6.7	57
112	The High Cost of Stroke and Stroke Cytoprotection Research. <i>Translational Stroke Research</i> , 2017 , 8, 307-317	7.8	56
111	Comparison of Tenecteplase with Alteplase on clinical rating scores following small clot embolic strokes in rabbits. <i>Experimental Neurology</i> , 2004 , 185, 154-9	5.7	56
110	Safety profile of transcranial near-infrared laser therapy administered in combination with thrombolytic therapy to embolized rabbits. <i>Stroke</i> , 2008 , 39, 3073-8	6.7	55
109	Glial cell line-derived neurotrophic factor-levodopa interactions and reduction of side effects in parkinsonian monkeys. <i>Annals of Neurology</i> , 1997 , 42, 208-14	9.4	54
108	Heterogeneous binding of [3H]4-DAMP to muscarinic cholinergic sites in the rat brain: evidence from membrane binding and autoradiographic studies. <i>Synapse</i> , 1991 , 9, 165-76	2.4	52
107	Pharmacological characterization of glial cell line-derived neurotrophic factor (GDNF): implications for GDNF as a therapeutic molecule for treating neurodegenerative diseases. <i>Cell and Tissue Research</i> , 1996 , 286, 179-89	4.2	51
106	Intracerebroventricular glial cell line-derived neurotrophic factor improves motor function and supports nigrostriatal dopamine neurons in bilaterally 6-hydroxydopamine lesioned rats. <i>Experimental Neurology</i> , 1997 , 145, 104-17	5.7	50
105	Development of thrombolytic therapy for stroke: a perspective. <i>Expert Opinion on Investigational Drugs</i> , 2002 , 11, 1623-32	5.9	50

104	Comparison of TNK with wild-type tissue plasminogen activator in a rabbit embolic stroke model. <i>Stroke</i> , 2001 , 32, 748-52	6.7	48
103	Pharmacological activities of glial cell line-derived neurotrophic factor (GDNF): preclinical development and application to the treatment of Parkinson's disease. <i>Experimental Neurology</i> , 1997 , 145, 309-21	5.7	45
102	Transcranial near-infrared laser therapy applied to promote clinical recovery in acute and chronic neurodegenerative diseases. <i>Expert Review of Medical Devices</i> , 2012 , 9, 71-83	3.5	43
101	Chronic estradiol treatment alters central cholinergic function in the female rat: effect on choline acetyltransferase activity, acetylcholine content, and nicotinic autoreceptor function. <i>Brain Research</i> , 1990 , 525, 249-55	3.7	42
100	Transcranial Near-Infrared Laser Transmission (NILT) Profiles (800 nm): Systematic Comparison in Four Common Research Species. <i>PLoS ONE</i> , 2015 , 10, e0127580	3.7	41
99	Neuroprotective and neurotrophic curcuminoids to treat stroke: a translational perspective. <i>Expert Opinion on Investigational Drugs</i> , 2011 , 20, 13-22	5.9	41
98	Delayed treatment with a novel neurotrophic compound reduces behavioral deficits in rabbit ischemic stroke. <i>Journal of Neurochemistry</i> , 2011 , 116, 122-31	6	41
97	Coadministration of NXY-059 and tenecteplase six hours following embolic strokes in rabbits improves clinical rating scores. <i>Experimental Neurology</i> , 2004 , 188, 279-85	5.7	41
96	Neuroprotection by the selective cyclooxygenase-2 inhibitor SC-236 results in improvements in behavioral deficits induced by reversible spinal cord ischemia. <i>Stroke</i> , 2001 , 32, 1220-5	6.7	41
95	Therapeutic potentials for glial cell line-derived neurotrophic factor (GDNF) based upon pharmacological activities in the CNS. <i>Reviews in the Neurosciences</i> , 1996 , 7, 165-76	4.7	40
94	The phenylpropanoid micronutrient chlorogenic acid improves clinical rating scores in rabbits following multiple infarct ischemic strokes: synergism with tissue plasminogen activator. <i>Experimental Neurology</i> , 2007 , 205, 407-13	5.7	40
93	The lipophilic multifunctional antioxidant edaravone (radicut) improves behavior following embolic strokes in rabbits: a combination therapy study with tissue plasminogen activator. <i>Experimental Neurology</i> , 2009 , 215, 95-100	5.7	38
92	Glial cell line-derived neurotrophic factor: a novel therapeutic approach to treat motor dysfunction in Parkinson's disease. <i>Experimental Neurology</i> , 1997 , 144, 29-34	5.7	38
91	Advances in hemorrhagic stroke therapy: conventional and novel approaches. <i>Expert Opinion on Emerging Drugs</i> , 2007 , 12, 389-406	3.7	37
90	The nonpeptide glycoprotein IIb/IIIa platelet receptor antagonist SM-20302 reduces tissue plasminogen activator-induced intracerebral hemorrhage after thromboembolic stroke. <i>Stroke</i> , 2002 , 33, 147-52	6.7	37
89	Distribution of neurotensin receptors in mammalian brain. What it is telling us about its interactions with other neurotransmitter systems. <i>Annals of the New York Academy of Sciences</i> , 1992 , 668, 109-19	6.5	37
88	Glial cell line-derived neurotrophic factor reverses motor impairment in 16-17 month old rats. <i>Neuroscience Letters</i> , 1996 , 211, 81-4	3.3	35
87	Biology of glial cell line-derived neurotrophic factor (GDNF): implications for the use of GDNF to treat Parkinson's disease. <i>Experimental Neurology</i> , 1996 , 5, 197-205		35

86	Critical early thrombolytic and endovascular reperfusion therapy for acute ischemic stroke victims: a call for adjunct neuroprotection. <i>Translational Stroke Research</i> , 2015 , 6, 345-54	7.8	32
85	Recommendations and practices to optimize stroke therapy: developing effective translational research programs. <i>Stroke</i> , 2013 , 44, 841-3	6.7	32
84	Therapeutic window for nonerythropoietic carbamylated-erythropoietin to improve motor function following multiple infarct ischemic strokes in New Zealand white rabbits. <i>Brain Research</i> , 2008 , 1238, 208-14	3.7	32
83	Nerve growth factor pharmacology: application to the treatment of cholinergic neurodegeneration in Alzheimer's disease. <i>Experimental Neurology</i> , 1993 , 124, 16-20	5.7	32
82	Edaravone (Radicut), a free radical scavenger, is a potentially useful addition to thrombolytic therapy in patients with acute ischemic stroke. <i>Biomedical Reports</i> , 2013 , 1, 7-12	1.8	31
81	Reducing bleeding complications after thrombolytic therapy for stroke: clinical potential of metalloproteinase inhibitors and spin trap agents. <i>CNS Drugs</i> , 2001 , 15, 819-29	6.7	31
80	Development of the nitrene-based spin trap agent NXY-059 to treat acute ischemic stroke. <i>CNS Neuroscience & Therapeutics</i> , 2003 , 9, 253-62		30
79	Protective effects of nerve growth factor and brain-derived neurotrophic factor on basal forebrain cholinergic neurons in adult rats with partial fimbrial transections. <i>Progress in Brain Research</i> , 1993 , 98, 257-63	2.9	30
78	Recommendations for preclinical research in hemorrhagic transformation. <i>Translational Stroke Research</i> , 2013 , 4, 322-7	7.8	29
77	Neurotrophins in the central nervous system. <i>Reviews in the Neurosciences</i> , 1992 , 3, 1-10	4.7	28
76	Effects of chronic basic fibroblast growth factor administration to rats with partial fimbrial transections on presynaptic cholinergic parameters and muscarinic receptors in the hippocampus: comparison with nerve growth factor. <i>Journal of Neurochemistry</i> , 1993 , 61, 899-910	6	28
75	Neurotensin regulation of endogenous acetylcholine release from rat cerebral cortex: effect of quinolinic acid lesions of the basal forebrain. <i>Journal of Neurochemistry</i> , 1990 , 55, 1397-403	6	28
74	Carbamylated erythropoietin to treat neuronal injury: new development strategies. <i>Expert Opinion on Investigational Drugs</i> , 2008 , 17, 1175-86	5.9	27
73	Novel curcumin derivative CNB-001 mitigates obesity-associated insulin resistance. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2014 , 349, 248-57	4.7	26
72	Memantine, an uncompetitive low affinity NMDA open-channel antagonist improves clinical rating scores in a multiple infarct embolic stroke model in rabbits. <i>Brain Research</i> , 2006 , 1088, 141-7	3.7	25
71	Characterization of [3H]AF-DX 116 binding sites in the rat brain: evidence for heterogeneity of muscarinic-M2 receptor sites. <i>Synapse</i> , 1989 , 4, 106-14	2.4	25
70	Emerging Therapies: Pleiotropic Multi-target Drugs to Treat Stroke Victims. <i>Translational Stroke Research</i> , 2011 , 2, 129-35	7.8	24
69	Characterization of a fibrin glue-GDNF slow-release preparation. <i>Cell Transplantation</i> , 1998 , 7, 53-61	4	24

68	CeeTox Analysis of CNB-001 a Novel Curcumin-Based Neurotrophic/Neuroprotective Lead Compound to Treat Stroke: Comparison with NXY-059 and Radicut. <i>Translational Stroke Research</i> , 2011 , 2, 51-9	7.8	23
67	Transcranial Near-Infrared Laser Therapy for Stroke: How to Recover from Futility in the NEST-3 Clinical Trial. <i>Acta Neurochirurgica Supplementum</i> , 2016 , 121, 7-12	1.7	23
66	Neurotensin regulation of endogenous acetylcholine release from rat striatal slices is independent of dopaminergic tone. <i>Journal of Neurochemistry</i> , 1991 , 56, 651-7	6	22
65	Intravenous xenogeneic human cardiosphere-derived cell extracellular vesicles (exosomes) improves behavioral function in small-clot embolized rabbits. <i>Experimental Neurology</i> , 2018 , 307, 109-117	5.7	21
64	Simvastatin improves clinical scores in a rabbit multiple infarct ischemic stroke model: synergism with a ROCK inhibitor but not the thrombolytic tissue plasminogen activator. <i>Brain Research</i> , 2010 , 1344, 217-25	3.7	20
63	Effect of estradiol treatment on beta-endorphin content and release in the female rat hypothalamus. <i>Brain Research</i> , 1991 , 554, 198-202	3.7	20
62	Dose-specific effect of simvastatin on hypoxia-induced HIF-1 and BACE expression in Alzheimer disease cybrid cells. <i>BMC Neurology</i> , 2015 , 15, 127	3.1	19
61	The 3-hydroxy-3-methylglutaryl coenzyme A reductase inhibitor simvastatin reduces thrombolytic-induced intracerebral hemorrhage in embolized rabbits. <i>Brain Research</i> , 2009 , 1303, 144-50	3.7	19
60	Pharmacology of caffeinol in embolized rabbits: clinical rating scores and intracerebral hemorrhage incidence. <i>Experimental Neurology</i> , 2004 , 188, 286-91	5.7	19
59	NGF suppression of weight gain in adult female rats correlates with decreased hypothalamic cholecystokinin levels. <i>Brain Research</i> , 1994 , 655, 12-6	3.7	18
58	Growth factors and lymphokines: modulators of cholinergic neuronal activity. <i>Canadian Journal of Neurological Sciences</i> , 1991 , 18, 390-3	1	18
57	Efficacy and safety profile of the carotenoid trans sodium crocetin administered to rabbits following multiple infarct ischemic strokes: a combination therapy study with tissue plasminogen activator. <i>Brain Research</i> , 2010 , 1309, 136-45	3.7	17
56	3alpha-OL-5-beta-pregnan-20-one hemisuccinate, a steroidal low-affinity NMDA receptor antagonist improves clinical rating scores in a rabbit multiple infarct ischemia model: synergism with tissue plasminogen activator. <i>Experimental Neurology</i> , 2006 , 197, 531-7	5.7	16
55	Enhanced delivery of [¹²⁵ I]glial cell line-derived neurotrophic factor to the rat CNS following osmotic blood-brain barrier modification. <i>Neuroscience Letters</i> , 1996 , 220, 187-90	3.3	16
54	Scientific Rigor Recommendations for Optimizing the Clinical Applicability of Translational Research. <i>Journal of Neurology & Neurophysiology</i> , 2012 , 3,	0.5	16
53	A cost-effective rabbit embolic stroke bioassay: insight into the development of acute ischemic stroke therapy. <i>Translational Stroke Research</i> , 2015 , 6, 99-103	7.8	15
52	De-Risking of Stilbazulenyl Nitron (STAZN), a Lipophilic Nitron to Treat Stroke Using a Unique Panel of In Vitro Assays. <i>Translational Stroke Research</i> , 2011 , 2, 209-17	7.8	15
51	Glial cell line-derived neurotrophic factor protects midbrain dopamine neurons from the lethal action of the weaver gene: a quantitative immunocytochemical study. <i>Developmental Brain Research</i> , 1999 , 116, 1-7		15

50	Drug-like property profiling of novel neuroprotective compounds to treat acute ischemic stroke: guidelines to develop pleiotropic molecules. <i>Translational Stroke Research</i> , 2013 , 4, 328-42	7.8	14
49	Resolving the negative data publication dilemma in translational stroke research. <i>Translational Stroke Research</i> , 2011 , 2, 1-6	7.8	14
48	Erythropoietin molecules to treat acute ischemic stroke: a translational dilemma!. <i>Expert Opinion on Investigational Drugs</i> , 2010 , 19, 1179-86	5.9	14
47	Genome response to tissue plasminogen activator in experimental ischemic stroke. <i>BMC Genomics</i> , 2010 , 11, 254	4.5	14
46	Therapeutic potential for nerve growth factor in Alzheimer's disease: insights from pharmacological studies using lesioned central cholinergic neurons. <i>Reviews in the Neurosciences</i> , 1992 , 3, 109-20	4.7	14
45	Effect of internal carotid artery reperfusion in combination with Tenecteplase on clinical scores and hemorrhage in a rabbit embolic stroke model. <i>Brain Research</i> , 2009 , 1294, 211-7	3.7	13
44	Comparison of the post-embolization effects of tissue-plasminogen activator and simvastatin on neurological outcome in a clinically relevant rat model of acute ischemic stroke. <i>Brain Research</i> , 2010 , 1354, 206-16	3.7	13
43	Pharmacology of nerve growth factor in the brain. <i>Advances in Pharmacology</i> , 1993 , 24, 239-73	5.7	13
42	Therapeutic potential of platelet glycoprotein IIb/IIIa receptor antagonists in the management of ischemic stroke. <i>American Journal of Cardiovascular Drugs</i> , 2003 , 3, 87-94	4	13
41	A blinded, randomized study of L-arginine in small clot embolized rabbits. <i>Experimental Neurology</i> , 2015 , 266, 143-6	5.7	12
40	Data Standardization and Quality Management. <i>Translational Stroke Research</i> , 2018 , 9, 4-8	7.8	10
39	A series of novel neuroprotective blood brain barrier penetrating flavonoid drugs to treat acute ischemic stroke. <i>Current Pharmaceutical Design</i> , 2012 , 18, 3694-703	3.3	10
38	Tumor necrosis factor-alpha is involved in thrombolytic-induced hemorrhage following embolic strokes in rabbits. <i>Brain Research</i> , 2007 , 1167, 123-8	3.7	10
37	A novel method to promote behavioral improvement and enhance mitochondrial function following an embolic stroke. <i>Brain Research</i> , 2016 , 1646, 125-131	3.7	10
36	Effects of intrathecal administration of a cell permeant caspase inhibitor, boc-D-fluoromethylketone (BDFMK), on behavioral deficits following spinal cord ischemia: a dose-response analysis. <i>Brain Research</i> , 2003 , 959, 183-90	3.7	9
35	Differential alterations of cortical cholinergic and neurotensin markers following ibotenic acid lesions of the nucleus basalis magnocellularis. <i>Brain Research</i> , 1993 , 613, 239-46	3.7	9
34	Synergistic Effect of AJW200, a von Willebrand Factor Neutralizing Antibody with Low Dose (0.9 mg/mg) Thrombolytic Therapy Following Embolic Stroke in Rabbits. <i>Journal of Neurology & Neurophysiology</i> , 2013 , 4,	0.5	9
33	Vascular Dysfunction in Brain Hemorrhage: Translational Pathways to Developing New Treatments from Old Targets. <i>Journal of Neurology & Neurophysiology</i> , 2011 , 2011,	0.5	9

32	Translational Stroke Research Guideline Projections: The 20/20 Standards. <i>Translational Stroke Research</i> , 2018 , 9, 9-12	7.8	8
31	Emerging pharmacology of nerve growth factor. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 1991 , 15, 851-60	5.5	8
30	Neuronal Dysregulation in Stroke-Associated Pseudobulbar Affect (PBA): Diagnostic Scales and Current Treatment Options. <i>Journal of Neurology & Neurophysiology</i> , 2015 , 6,	0.5	7
29	Sisyphus and translational stroke research. <i>Science Translational Medicine</i> , 2012 , 4, 156ps20	17.5	7
28	Spin Trap Agents: A New Approach to Stroke Therapy. <i>Drug News and Perspectives</i> , 2002 , 15, 220-225		7
27	A Clinically Relevant Rabbit Embolic Stroke Model for Acute Ischemic Stroke Therapy Development: Mechanisms and Targets 2012 , 541-584		6
26	Effects of chronic intraventricular nerve growth factor treatment on vasoactive intestinal peptide and neuropeptide Y levels in the hippocampal formation and cerebral cortex following fimbrial transections. <i>Brain Research</i> , 1994 , 654, 1-7	3.7	6
25	Effect of the Pleiotropic Drug CNB-001 on Tissue Plasminogen Activator (tPA) Protease Activity in vitro: Support for Combination Therapy to Treat Acute Ischemic Stroke. <i>Journal of Neurology & Neurophysiology</i> , 2014 , 5,	0.5	6
24	Methodology of motor evoked potentials in a rabbit model. <i>Translational Stroke Research</i> , 2015 , 6, 399-408		5
23	A new embolus injection method to evaluate intracerebral hemorrhage in New Zealand white rabbits. <i>Brain Research</i> , 2010 , 1349, 129-36	3.7	5
22	CNB-001, a pleiotropic drug is efficacious in embolized agyrencephalic New Zealand white rabbits and ischemic gyrencephalic cynomolgus monkeys. <i>Experimental Neurology</i> , 2019 , 313, 98-108	5.7	5
21	NXY-059. Centaur. <i>Current Opinion in Investigational Drugs</i> , 2002 , 3, 1758-62		5
20	Development of transcranial sonothrombolysis as an alternative stroke therapy: incremental scientific advances toward overcoming substantial barriers. <i>Expert Review of Medical Devices</i> , 2013 , 10, 201-13	3.5	4
19	Continuous monitoring of changes in plasma nitrite following cerebral ischemia in a rabbit embolic stroke model. <i>Translational Stroke Research</i> , 2011 , 2, 218-26	7.8	4
18	Stroke Cytoprotection: Can Repeating History with New Expectations Really Be the Path to Success in Stroke Research?. <i>Translational Stroke Research</i> , 2017 , 8, 104-106	7.8	3
17	Molecular mechanism of inverse regulation of hepatic alpha-1 and beta-2-adrenergic receptors. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 1985 , 9, 497-502	5.5	3
16	CNB-001 reduces paraplegia in rabbits following spinal cord ischemia. <i>Neural Regeneration Research</i> , 2019 , 14, 2192-2198	4.5	3
15	Cytoprotective Drug-Tissue Plasminogen Activator Protease Interaction Assays: Screening of Two Novel Cytoprotective Chromones. <i>Translational Stroke Research</i> , 2017 , 8, 494	7.8	2

14	The many faces of erythropoietin: from erythropoiesis to a rational neuroprotective strategy--correspondence. <i>Expert Opinion on Investigational Drugs</i> , 2008 , 17, 1615-6	5.9	2
13	Reflections on Neuroprotection Research and the Path Toward Clinical Success. <i>Springer Series in Translational Stroke Research</i> , 2017 , 3-71	0.1	2
12	Rabbit Spinal Cord Ischemia Model for the Development of Neuroprotective Treatments. <i>Springer Series in Translational Stroke Research</i> , 2017 , 689-700	0.1	2
11	Growth Factor and Lymphokine Effects on Brain Cholinergic Systems. <i>Advances in Behavioral Biology</i> , 1989 , 153-163		2
10	J-147 a Novel Hydrazide Lead Compound to Treat Neurodegeneration: CeeTox Safety and Genotoxicity Analysis. <i>Journal of Neurology & Neurophysiology</i> , 2013 , 4,	0.5	1
9	Transcranial near infrared laser therapy (NILT) to treat acute ischemic stroke: a review of efficacy, safety and possible mechanism of action derived from rabbit embolic stroke studies 2010 ,		1
8	Chapter 38 Difficult Path to Treating Acute Ischemic Stroke Patients with Transcranial Near-Infrared Laser Therapy 2016 , 741-760		1
7	CeeTox Analysis to De-risk Drug Development: The Three Antioxidants (NXY-059, Radicut, and STAZN) 2012 , 639-656		1
6	The challenge of effectively translating transcranial near-infrared laser therapy to treat acute ischemic stroke 2019 , 289-297		
5	Neurotrophins in the Adult Brain: Effects on Hippocampal Cholinergic Function Following Deafferentation, and Regulation of Their Expression by Pharmacological Agents and Lesions 1993 , 241-253		
4	Stroke Therapy Development Successes: Research Guidelines and Embolic Stroke Models for Monotherapy and Adjuvant Therapy Development. <i>Translational Medicine Research</i> , 2017 , 3-27		
3	Identifying Vascular Targets to Treat Hemorrhagic Stroke 2012 , 37-55		
2	A novel neuroprotective curcuminoid alleviates glucose intolerance and improves insulin signaling. <i>FASEB Journal</i> , 2012 , 26, 672.7	0.9	
1	Stroke: Cytoprotection, Repair and Regeneration The Continuum of Patient Care. <i>Springer Series in Translational Stroke Research</i> , 2018 , 3-20	0.1	