

# Seong-Ho Koh

## List of Publications by Year in Descending Order

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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.

140  
papers

2,960  
citations

28  
h-index

50  
g-index

154  
ext. papers

3,603  
ext. citations

4.6  
avg, IF

5.54  
L-index

#	Paper	IF	Citations
140	Serum neurofilament light chain level as a predictor of cognitive stage transition.. <i>Alzheimers Research and Therapy</i> , <b>2022</b> , 14, 6	9	2
139	Post-Stroke Depressive Symptoms: Varying Responses to Escitalopram by Individual Symptoms and Lesion Location. <i>Journal of Geriatric Psychiatry and Neurology</i> , <b>2021</b> , 34, 565-573	3.8	1
138	Efficacy and safety of GV1001 in patients with moderate-to-severe Alzheimer@ disease already receiving donepezil: a phase 2 randomized, double-blind, placebo-controlled, multicenter clinical trial. <i>Alzheimers Research and Therapy</i> , <b>2021</b> , 13, 66	9	2
137	The relationship of soluble TREM2 to other biomarkers of sporadic Alzheimer@ disease. <i>Scientific Reports</i> , <b>2021</b> , 11, 13050	4.9	3
136	Facility-based and home-based multidomain interventions including cognitive training, exercise, diet, vascular risk management, and motivation for older adults: a randomized controlled feasibility trial. <i>Aging</i> , <b>2021</b> , 13, 15898-15916	5.6	3
135	Effect of Possible Osteoporosis on Parenchymal-Type Hemorrhagic Transformation in Patients with Cardioembolic Stroke. <i>Journal of Clinical Medicine</i> , <b>2021</b> , 10,	5.1	2
134	ATP-binding cassette subfamily A-1 (ABCA1) levels are increased in the aqueous humour of proliferative diabetic retinopathy patients. <i>Acta Ophthalmologica</i> , <b>2021</b> , 99, e442-e443	3.7	2
133	Glia-Like Cells from Human Mesenchymal Stem Cells Protect Neural Stem Cells in an Model of Alzheimer@ Disease by Reducing NLRP-3 Inflammasome. <i>Dementia and Neurocognitive Disorders</i> , <b>2021</b> , 20, 1-8	2.1	0
132	Telmisartan Inhibits the NLRP3 Inflammasome by Activating the PI3K Pathway in Neural Stem Cells Injured by Oxygen-Glucose Deprivation. <i>Molecular Neurobiology</i> , <b>2021</b> , 58, 1806-1818	6.2	2
131	Comparison of patients with transient and sustained increments of antiphospholipid antibodies after acute ischemic stroke. <i>Journal of Neurology</i> , <b>2021</b> , 268, 2541-2549	5.5	1
130	Repair Mechanisms of the Neurovascular Unit after Ischemic Stroke with a Focus on VEGF. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	10
129	Increased telomere length in patients with frontotemporal dementia syndrome. <i>Journal of the Neurological Sciences</i> , <b>2021</b> , 428, 117565	3.2	2
128	The Osteoporotic Condition as a Predictive Factor for Hemorrhagic Transformation in Acute Cardioembolic Stroke. <i>Journal of Korean Neurosurgical Society</i> , <b>2021</b> , 64, 763-775	2.3	
127	Neuroprotective Effects of GV1001 in Animal Stroke Model and Neural Cells Subject to Oxygen-Glucose Deprivation/Reperfusion Injury. <i>Journal of Stroke</i> , <b>2021</b> , 23, 420-436	5.6	0
126	Micro-RNAs in the aqueous humour of patients with diabetic macular oedema. <i>Clinical and Experimental Ophthalmology</i> , <b>2020</b> , 48, 624-635	2.4	5
125	Regenerative Potential of Carbon Monoxide in Adult Neural Circuits of the Central Nervous System. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	12
124	Early increment of soluble triggering receptor expressed on myeloid cells 2 in plasma might be a predictor of poor outcome after ischemic stroke. <i>Journal of Clinical Neuroscience</i> , <b>2020</b> , 73, 215-218	2.2	7

123	Depressive Symptoms in Stroke Patients: Are There Sex Differences?. <i>Cerebrovascular Diseases</i> , <b>2020</b> , 49, 19-25	3.2	2
122	Telomere shortening reflecting physical aging is associated with cognitive decline and dementia conversion in mild cognitive impairment due to Alzheimer's disease. <i>Aging</i> , <b>2020</b> , 12, 4407-4423	5.6	10
121	Effects of Multicomponent Exercise on Cognitive Function in Elderly Korean Individuals. <i>Journal of Clinical Neurology (Korea)</i> , <b>2020</b> , 16, 612-623	1.7	2
120	A Case of Anti-NMDA Receptor Encephalitis with Normal Findings on Initial Diagnostic Tests. <i>Dementia and Neurocognitive Disorders</i> , <b>2020</b> , 19, 28-30	2.1	0
119	Executive Summary of the 2019 International Conference of Korean Dementia Association: Exploring the Novel Concept of Alzheimer's Disease and Other Dementia: a Report from the Academic Committee of the Korean Dementia Association. <i>Dementia and Neurocognitive Disorders</i> , <b>2020</b> , 19, 29-53	2.1	1
118	Causes, Risk Factors, and Clinical Outcomes of Stroke in Korean Young Adults: Systemic Lupus Erythematosus is Associated with Unfavorable Outcomes. <i>Journal of Clinical Neurology (Korea)</i> , <b>2020</b> , 16, 605-611	1.7	5
117	Relationship between telomere shortening and age in Korean individuals with mild cognitive impairment and Alzheimer's disease compared to that in healthy controls. <i>Aging</i> , <b>2020</b> , 13, 2089-2100	5.6	2
116	Chemoradiotherapy Alters Protein Expression in Glioblastoma Multiforme. <i>Journal of Clinical Neurology (Korea)</i> , <b>2020</b> , 16, 725-728	1.7	
115	Development of peptide aptamers as alternatives for antibody in the detection of amyloid-beta 42 aggregates. <i>Analytical Biochemistry</i> , <b>2020</b> , 609, 113921	3.1	7
114	Neuroinflammation in neurodegenerative disorders: the roles of microglia and astrocytes. <i>Translational Neurodegeneration</i> , <b>2020</b> , 9, 42	10.3	211
113	Glia-Like Cells from Late-Passage Human MSCs Protect Against Ischemic Stroke Through IGFBP-4. <i>Molecular Neurobiology</i> , <b>2019</b> , 56, 7617-7630	6.2	6
112	Asymptomatic Basilar Artery Plaque Distribution and Vascular Geometry. <i>Journal of Atherosclerosis and Thrombosis</i> , <b>2019</b> , 26, 1007-1014	4	3
111	Sublethal Doses of Zinc Protect Rat Neural Stem Cells Against Hypoxia Through Activation of the PI3K Pathway. <i>Stem Cells and Development</i> , <b>2019</b> , 28, 769-780	4.4	2
110	Ultrasensitive Fluorescence Detection of Alzheimer's Disease Based on Polyvalent Directed Peptide Polymer Coupled to a Nanoporous ZnO Nanoplatfom. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 5573-5581	7.8	19
109	Atorvastatin Rejuvenates Neural Stem Cells Injured by Oxygen-Glucose Deprivation and Induces Neuronal Differentiation Through Activating the PI3K/Akt and ERK Pathways. <i>Molecular Neurobiology</i> , <b>2019</b> , 56, 2964-2977	6.2	9
108	Distal versus Proximal Middle Cerebral Artery Occlusion: Different Mechanisms. <i>Cerebrovascular Diseases</i> , <b>2019</b> , 47, 238-244	3.2	4
107	Mitochondria damaged by Oxygen Glucose Deprivation can be Restored through Activation of the PI3K/Akt Pathway and Inhibition of Calcium Influx by Amlodipine Camsylate. <i>Scientific Reports</i> , <b>2019</b> , 9, 15717	4.9	6
106	LGR5 and Downstream Intracellular Signaling Proteins Play Critical Roles in the Cell Proliferation of Neuroblastoma, Meningioma and Pituitary Adenoma. <i>Experimental Neurobiology</i> , <b>2019</b> , 28, 628-641	4	2

105	Asymptomatic Bilateral Internal Carotid Artery Occlusion with Ring Finger Protein 213 Gene Polymorphism. <i>Journal of the Korean Neurological Association</i> , <b>2019</b> , 37, 423-425	0.1	
104	Effects of aspirin and clopidogrel on neural stem cells. <i>Cell Biology and Toxicology</i> , <b>2018</b> , 34, 219-232	7.4	5
103	Leucine-rich G Protein-coupled Receptor-5 Is Significantly Increased in the Aqueous Humor of Human Eye with Proliferative Diabetic Retinopathy. <i>Experimental Neurobiology</i> , <b>2018</b> , 27, 238-244	4	1
102	Differences between the Molecular Mechanisms Underlying Ruptured and Non-Ruptured Carotid Plaques, and the Significance of ABCA1. <i>Journal of Stroke</i> , <b>2018</b> , 20, 80-91	5.6	4
101	Understanding the role of glycogen synthase kinase-3 in L-DOPA-induced dyskinesia in Parkinson's disease. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , <b>2018</b> , 14, 83-90	5.5	13
100	Tracking and protection of transplanted stem cells using a ferrocenecarboxylic acid-conjugated peptide that mimics hTERT. <i>Biomaterials</i> , <b>2018</b> , 155, 80-91	15.6	7
99	A Sudden Deterioration in Cognitive Functions as the Result of a Central Nervous System Lymphoma. <i>Dementia and Neurocognitive Disorders</i> , <b>2018</b> , 17, 71-72	2.1	
98	Differences in Therapeutic Responses and Factors Affecting Post-Stroke Depression at a Later Stage According to Baseline Depression. <i>Journal of Stroke</i> , <b>2018</b> , 20, 258-267	5.6	9
97	Basilar Artery Plaque and Pontine Infarction Location and Vascular Geometry. <i>Journal of Stroke</i> , <b>2018</b> , 20, 92-98	5.6	13
96	Neurogenesis in Stroke Recovery. <i>Translational Stroke Research</i> , <b>2017</b> , 8, 3-13	7.8	109
95	Efficacy of early administration of escitalopram on depressive and emotional symptoms and neurological dysfunction after stroke: a multicentre, double-blind, randomised, placebo-controlled study. <i>Lancet Psychiatry</i> , <b>2017</b> , 4, 33-41	23.3	61
94	Neural Stem Cell Death Mechanisms Induced by Amyloid Beta. <i>Dementia and Neurocognitive Disorders</i> , <b>2017</b> , 16, 121-127	2.1	6
93	The role of PI3K/AKT pathway and its therapeutic possibility in Alzheimer's disease. <i>Hanyang Medical Reviews</i> , <b>2017</b> , 37, 18		11
92	Current update in diverse diseases. <i>Hanyang Medical Reviews</i> , <b>2017</b> , 37, 1		
91	Overview of symptoms, pathogenesis, diagnosis, treatment, and prognosis of various acquired polyneuropathies. <i>Hanyang Medical Reviews</i> , <b>2017</b> , 37, 34		3
90	Candesartan Restores the Amyloid Beta-Inhibited Proliferation of Neural Stem Cells by Activating the Phosphatidylinositol 3-Kinase Pathway. <i>Dementia and Neurocognitive Disorders</i> , <b>2017</b> , 16, 64-71	2.1	2
89	Association between nocturnal blood pressure variation and wake-up ischemic stroke. <i>Journal of Clinical Neuroscience</i> , <b>2017</b> , 44, 210-213	2.2	3
88	Early Activation of Phosphatidylinositol 3-Kinase after Ischemic Stroke Reduces Infarct Volume and Improves Long-Term Behavior. <i>Molecular Neurobiology</i> , <b>2017</b> , 54, 5375-5384	6.2	14

87	[P3148]: A NOVEL SMART PEPTIDE REPRESENTING A 16-AMINO-ACID HUMAN TELOMERASE REVERSE TRANSCRIPTASE SEQUENCE HAS POSITIVE EFFECTS IN IN-VITRO AND IN-VIVO MODELS OF ALZHEIMER'S DISEASE BY INCREASING TELOMERE LENGTH <b>2017</b> , 13, P991-P992		
86	Predictors of Hemorrhage Volume after Intravenous Thrombolysis. <i>Journal of Stroke and Cerebrovascular Diseases</i> , <b>2016</b> , 25, 2543-8	2.8	4
85	Neural stem cells injured by oxidative stress can be rejuvenated by GV1001, a novel peptide, through scavenging free radicals and enhancing survival signals. <i>NeuroToxicology</i> , <b>2016</b> , 55, 131-141	4.4	20
84	Atorvastatin Protects NSC-34 Motor Neurons Against Oxidative Stress by Activating PI3K, ERK and Free Radical Scavenging. <i>Molecular Neurobiology</i> , <b>2016</b> , 53, 695-705	6.2	23
83	Neuroprotective Effects of Acetyl-L-Carnitine Against Oxygen-Glucose Deprivation-Induced Neural Stem Cell Death. <i>Molecular Neurobiology</i> , <b>2016</b> , 53, 6644-6652	6.2	22
82	Comparison of antiplatelet effect and safety of clopidogrel napadisilate with clopidogrel bisulfate in stroke patients: multicenter, randomized, open-label, phase 4, non-inferiority clinical trial. <i>Current Medical Research and Opinion</i> , <b>2016</b> , 32, 105-12	2.5	
81	Current Opinion on the Role of Neurogenesis in the Therapeutic Strategies for Alzheimer Disease, Parkinson Disease, and Ischemic Stroke; Considering Neuronal Voiding Function. <i>International Neurology Journal</i> , <b>2016</b> , 20, 276-287	2.6	19
80	Acute Disseminated Encephalomyelitis Following Pneumococcal Vaccination. <i>Journal of the Korean Neurological Association</i> , <b>2016</b> , 34, 256-258	0.1	
79	Analysis of the Expectation of Stem Cell Therapy in Patients with Alzheimer's Disease. <i>Dementia and Neurocognitive Disorders</i> , <b>2016</b> , 15, 129-134	2.1	
78	P3-140: Interaction Between Sublethal Dose of Amyloid Beta and Hypoxia in Neural Stem Cells <b>2016</b> , 12, P872-P872		
77	Design of a PKC $\beta$ -specific small peptide as a theragnostic agent for glioblastoma. <i>Analytical Biochemistry</i> , <b>2016</b> , 496, 63-70	3.1	2
76	Dual effects of carbon monoxide on pericytes and neurogenesis in traumatic brain injury. <i>Nature Medicine</i> , <b>2016</b> , 22, 1335-1341	50.5	90
75	Increased VEGF and decreased SDF-1 $\alpha$ in patients with silent brain infarction are associated with better prognosis after first-ever acute lacunar stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , <b>2015</b> , 24, 704-10	2.8	9
74	Hypoxia/Reoxygenation-Preconditioned Human Bone Marrow-Derived Mesenchymal Stromal Cells Rescue Ischemic Rat Cortical Neurons by Enhancing Trophic Factor Release. <i>Molecular Neurobiology</i> , <b>2015</b> , 52, 792-803	6.2	24
73	1,25-dihydroxyvitamin D3 attenuates L-DOPA-induced neurotoxicity in neural stem cells. <i>Molecular Neurobiology</i> , <b>2015</b> , 51, 558-70	6.2	25
72	Activation of the phosphatidylinositol 3-kinase pathway plays important roles in reduction of cerebral infarction by cilnidipine. <i>Journal of Neurochemistry</i> , <b>2015</b> , 135, 186-93	6	12
71	Preoperative Coronary Stenosis Is a Determinant of Early Vascular Outcome after Carotid Endarterectomy. <i>Journal of Clinical Neurology (Korea)</i> , <b>2015</b> , 11, 364-71	1.7	8
70	The Role of the PI3K Pathway in the Regeneration of the Damaged Brain by Neural Stem Cells after Cerebral Infarction. <i>Journal of Clinical Neurology (Korea)</i> , <b>2015</b> , 11, 297-304	1.7	51

69	Differential Effects of Isoxazole-9 on Neural Stem/Progenitor Cells, Oligodendrocyte Precursor Cells, and Endothelial Progenitor Cells. <i>PLoS ONE</i> , <b>2015</b> , 10, e0138724	3.7	10
68	Factors Influencing Skin Tolerability to the Rivastigmine Patch in Patients with Alzheimer's Disease. <i>Dementia and Neurocognitive Disorders</i> , <b>2015</b> , 14, 31	2.1	
67	Radiation-induced Leukoencephalopathy Presenting as Lower Body Parkinsonism. <i>Journal of the Korean Neurological Association</i> , <b>2015</b> , 33, 355-357	0.1	
66	Novel vaccine peptide GV1001 effectively blocks $\beta$ amyloid toxicity by mimicking the extra-telomeric functions of human telomerase reverse transcriptase. <i>Neurobiology of Aging</i> , <b>2014</b> , 35, 1255-74	5.6	37
65	Biological markers of mesenchymal stromal cells as predictors of response to autologous stem cell transplantation in patients with amyotrophic lateral sclerosis: an investigator-initiated trial and in vivo study. <i>Stem Cells</i> , <b>2014</b> , 32, 2724-31	5.8	66
64	Neuroprotective effects of amlodipine besylate and benidipine hydrochloride on oxidative stress-injured neural stem cells. <i>Brain Research</i> , <b>2014</b> , 1551, 1-12	3.7	15
63	Effects of uric acid levels on outcome in severe ischemic stroke patients treated with intravenous recombinant tissue plasminogen activator. <i>European Neurology</i> , <b>2014</b> , 71, 132-9	2.1	16
62	A Case of Progressive Multifocal Leukoencephalopathy in Acquired Immune Deficiency Syndrome Initially Presented with Early Onset Dementia. <i>Dementia and Neurocognitive Disorders</i> , <b>2014</b> , 13, 20	2.1	
61	Direct GSK-3 $\beta$ inhibition enhances mesenchymal stromal cell migration by increasing expression of EPIX and CXCR4. <i>Molecular Neurobiology</i> , <b>2013</b> , 47, 811-20	6.2	24
60	The early activation of PI3K strongly enhances the resistance of cortical neurons to hypoxic injury via the activation of downstream targets of the PI3K pathway and the normalization of the levels of PARP activity, ATP, and NAD <sup>+</sup> . <i>Molecular Neurobiology</i> , <b>2013</b> , 47, 757-69	6.2	18
59	Role of a highly conserved proline-126 in ThDP binding of Mycobacterium tuberculosis acetohydroxyacid synthase. <i>Enzyme and Microbial Technology</i> , <b>2013</b> , 53, 243-9	3.8	7
58	MRI and ultrasonographic findings in idiopathic intracranial hypertension. <i>Cephalalgia</i> , <b>2013</b> , 33, 139-40	6.1	4
57	Hetastarch reduces neuronal cell death caused by oxidative stress. <i>Drug Development Research</i> , <b>2012</b> , 73, 35-42	5.1	
56	Role of the phosphatidylinositol 3-kinase and extracellular signal-regulated kinase pathways in the neuroprotective effects of cilnidipine against hypoxia in a primary culture of cortical neurons. <i>Neurochemistry International</i> , <b>2012</b> , 61, 1172-82	4.4	6
55	The advantage of high-resolution MRI in evaluating basilar plaques: a comparison study with MRA. <i>Atherosclerosis</i> , <b>2012</b> , 224, 411-6	3.1	48
54	Coenzyme Q10 protects against amyloid beta-induced neuronal cell death by inhibiting oxidative stress and activating the P13K pathway. <i>NeuroToxicology</i> , <b>2012</b> , 33, 85-90	4.4	53
53	Coenzyme Q10 protects neural stem cells against hypoxia by enhancing survival signals. <i>Brain Research</i> , <b>2012</b> , 1478, 64-73	3.7	23
52	Strategy for Maximizing Therapeutic Efficacy of Adult Stem Cells. <i>Hanyang Medical Reviews</i> , <b>2012</b> , 32, 159		

51	Synthesis and evaluation of thiopyrano[3,4-c]quinoline-9-carboxamide derivatives as inhibitors of poly(ADP-ribose) polymerase-1 (PARP-1). <i>Medicinal Chemistry Research</i> , <b>2012</b> , 21, 1533-1543	2.2	3
50	The functional deficiency of bone marrow mesenchymal stromal cells in ALS patients is proportional to disease progression rate. <i>Experimental Neurology</i> , <b>2012</b> , 233, 472-80	5.7	39
49	EPIX is critical for transplanted mesenchymal stromal cell migration. <i>Stem Cells and Development</i> , <b>2012</b> , 21, 1989-99	4.4	11
48	Association between serum stromal cell-derived factor-1 and long-term outcome of acute ischemic stroke. <i>European Neurology</i> , <b>2012</b> , 67, 363-9	2.1	13
47	Giant aneurysm of the internal carotid artery. <i>Archives of Neurology</i> , <b>2012</b> , 69, 409-10		1
46	A novel exon 3 mutation (P66S) in the SOD1 gene in familial ALS. <i>Canadian Journal of Neurological Sciences</i> , <b>2012</b> , 39, 245-6	1	4
45	Conus medullaris syndrome as a complication of radioisotope cisternography. <i>Canadian Journal of Neurological Sciences</i> , <b>2012</b> , 39, 347-51	1	3
44	A novel codon4 mutation (A4F) in the SOD1 gene in familial amyotrophic lateral sclerosis. <i>Journal of the Neurological Sciences</i> , <b>2011</b> , 306, 157-9	3.2	9
43	L-DOPA neurotoxicity is prevented by neuroprotective effects of erythropoietin. <i>NeuroToxicology</i> , <b>2011</b> , 32, 879-87	4.4	16
42	Sparganosis mimicking an intramedullary tumor of the cervical cord. <i>Journal of Clinical Neuroscience</i> , <b>2011</b> , 18, 1128-9	2.2	5
41	A probable cavernoma in the medulla oblongata presenting only as upbeat nystagmus. <i>Journal of Clinical Neuroscience</i> , <b>2011</b> , 18, 1567-9	2.2	4
40	Amlodipine besylate and amlodipine camsylate prevent cortical neuronal cell death induced by oxidative stress. <i>Journal of Neurochemistry</i> , <b>2011</b> , 119, 1262-70	6	16
39	Protective effects of statins on L-DOPA neurotoxicity due to the activation of phosphatidylinositol 3-kinase and free radical scavenging in PC12 cell culture. <i>Brain Research</i> , <b>2011</b> , 1370, 53-63	3.7	3
38	Ambidextrous magnetic nanovectors for synchronous gene transfection and labeling of human MSCs. <i>Biomaterials</i> , <b>2011</b> , 32, 6174-82	15.6	17
37	Rat Models for Ischemic Stroke. <i>Korean Journal of Stroke</i> , <b>2011</b> , 13, 107		4
36	Transduction of human EPO into human bone marrow mesenchymal stromal cells synergistically enhances cell-protective and migratory effects. <i>Molecular Biology</i> , <b>2010</b> , 44, 577-584	1.2	4
35	The neuroprotective effect of erythropoietin-transduced human mesenchymal stromal cells in an animal model of ischemic stroke. <i>Brain Research</i> , <b>2010</b> , 1353, 1-13	3.7	47
34	Effects of a newly developed tricyclic PARP-1 inhibitor, on ischemic stroke. <i>Drug Development Research</i> , <b>2010</b> , 71, 253-260	5.1	1

33	Synthesis and evaluation of tricyclic derivatives containing a non-aromatic amide as inhibitors of poly(ADP-ribose)polymerase-1 (PARP-1). <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2010</b> , 20, 2250-3	2.9	10
32	Secondary amyloidosis associated with multiple sclerosis. <i>Journal of Clinical Neurology (Korea)</i> , <b>2009</b> , 5, 146-8	1.7	3
31	Role of glycogen synthase kinase-3 in L-DOPA-induced neurotoxicity. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , <b>2009</b> , 5, 1359-68	5.5	6
30	Neuroprotective effects of donepezil through inhibition of GSK-3 activity in amyloid-beta-induced neuronal cell death. <i>Journal of Neurochemistry</i> , <b>2009</b> , 108, 1116-25	6	105
29	Cilnidipine mediates a neuroprotective effect by scavenging free radicals and activating the phosphatidylinositol 3-kinase pathway. <i>Journal of Neurochemistry</i> , <b>2009</b> , 111, 90-100	6	28
28	L-DOPA-induced neurotoxicity is reduced by the activation of the PI3K signaling pathway. <i>Toxicology</i> , <b>2009</b> , 265, 80-6	4.4	18
27	Erythropoietin increases the motility of human bone marrow-multipotent stromal cells (hBM-MSCs) and enhances the production of neurotrophic factors from hBM-MSCs. <i>Stem Cells and Development</i> , <b>2009</b> , 18, 411-21	4.4	50
26	Transient upbeat nystagmus due to unilateral focal pontine infarction. <i>Journal of Clinical Neuroscience</i> , <b>2009</b> , 16, 563-5	2.2	9
25	Usefulness of the median terminal latency ratio in the diagnosis of carpal tunnel syndrome. <i>Clinical Neurophysiology</i> , <b>2009</b> , 120, 765-9	4.3	10
24	Amyloid-beta-induced neurotoxicity is reduced by inhibition of glycogen synthase kinase-3. <i>Brain Research</i> , <b>2008</b> , 1188, 254-62	3.7	94
23	Implantation of human umbilical cord-derived mesenchymal stem cells as a neuroprotective therapy for ischemic stroke in rats. <i>Brain Research</i> , <b>2008</b> , 1229, 233-48	3.7	179
22	Myasthenia gravis associated with ectopic cervical thymoma. <i>Journal of Clinical Neuroscience</i> , <b>2008</b> , 15, 1393-5	2.2	13
21	Inhibition of GSK-3 reduces infarct volume and improves neurobehavioral functions. <i>Biochemical and Biophysical Research Communications</i> , <b>2008</b> , 371, 894-9	3.4	34
20	A Case of Cervical Epidural Abscess Presenting Rapidly Progressing Quadriplegia without any other Symptom or Sign of CEA. <i>Infection and Chemotherapy</i> , <b>2008</b> , 40, 230	3.9	
19	Phosphatidylinositol-3-kinase activation blocks amyloid beta-induced neurotoxicity. <i>Toxicology</i> , <b>2008</b> , 243, 43-50	4.4	42
18	Inhibition of glycogen synthase kinase-3 reduces L-DOPA-induced neurotoxicity. <i>Toxicology</i> , <b>2008</b> , 247, 112-8	4.4	17
17	Recombinant human erythropoietin suppresses symptom onset and progression of G93A-SOD1 mouse model of ALS by preventing motor neuron death and inflammation. <i>European Journal of Neuroscience</i> , <b>2007</b> , 25, 1923-30	3.5	37
16	Glycogen synthase kinase-3beta activity plays very important roles in determining the fate of oxidative stress-inflicted neuronal cells. <i>Brain Research</i> , <b>2007</b> , 1129, 89-99	3.7	68



15	Clinical characteristics of familial amyotrophic lateral sclerosis with a Phe20Cys mutation in the SOD1 gene in a Korean family. <i>Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders</i> , <b>2007</b> , 8, 73-8		8
14	Inhibition of glycogen synthase kinase-3 suppresses the onset of symptoms and disease progression of G93A-SOD1 mouse model of ALS. <i>Experimental Neurology</i> , <b>2007</b> , 205, 336-46	5.7	62
13	The role of matrix metalloproteinase 9 in early neurological worsening of acute lacunar infarction. <i>European Neurology</i> , <b>2006</b> , 55, 11-5	2.1	28
12	The effect of epigallocatechin gallate on suppressing disease progression of ALS model mice. <i>Neuroscience Letters</i> , <b>2006</b> , 395, 103-7	3.3	107
11	Opalski@ Syndrome with Cerebellar Infarction. <i>Journal of Clinical Neurology (Korea)</i> , <b>2006</b> , 2, 276-8	1.7	10
10	Protective effect of diallyl disulfide on oxidative stress-injured neuronally differentiated PC12 cells. <i>Molecular Brain Research</i> , <b>2005</b> , 133, 176-86		59
9	Differential effects of diallyl disulfide on neuronal cells depend on its concentration. <i>Toxicology</i> , <b>2005</b> , 211, 86-96	4.4	18
8	Phosphatidylinositol 3-kinase activator reduces motor neuronal cell death induced by G93A or A4V mutant SOD1 gene. <i>Toxicology</i> , <b>2005</b> , 213, 45-55	4.4	19
7	Role of GSK-3beta activity in motor neuronal cell death induced by G93A or A4V mutant hSOD1 gene. <i>European Journal of Neuroscience</i> , <b>2005</b> , 22, 301-9	3.5	52
6	Effect of 3-aminobenzamide, PARP inhibitor, on matrix metalloproteinase-9 level in plasma and brain of ischemic stroke model. <i>Toxicology</i> , <b>2005</b> , 214, 131-9	4.4	50
5	15-Deoxy-delta12,14-prostaglandin J2, a neuroprotectant or a neurotoxicant?. <i>Toxicology</i> , <b>2005</b> , 216, 232-43	4.4	26
4	The effect of PARP inhibitor on ischaemic cell death, its related inflammation and survival signals. <i>European Journal of Neuroscience</i> , <b>2004</b> , 20, 1461-72	3.5	85
3	Epigallocatechin gallate prevents oxidative-stress-induced death of mutant Cu/Zn-superoxide dismutase (G93A) motoneuron cells by alteration of cell survival and death signals. <i>Toxicology</i> , <b>2004</b> , 202, 213-25	4.4	60
2	Phosphatidylinositol-3 kinase/Akt and GSK-3 mediated cytoprotective effect of epigallocatechin gallate on oxidative stress-injured neuronal-differentiated N18D3 cells. <i>NeuroToxicology</i> , <b>2004</b> , 25, 793-802	4.4	77
1	Epigallocatechin gallate protects nerve growth factor differentiated PC12 cells from oxidative-radical-stress-induced apoptosis through its effect on phosphoinositide 3-kinase/Akt and glycogen synthase kinase-3. <i>Molecular Brain Research</i> , <b>2003</b> , 118, 72-81		131