Seong-Ho Koh

List of Publications by Year
in descending order

147 papers	4,443 citations	147566 31 h-index	128067 60 g-index
154 all docs	154 docs citations	154 times ranked	5583 citing authors

#	Article	IF	Citations
1	Prophylactic role of Korean Red Ginseng in astrocytic mitochondrial biogenesis through HIF-1Î±. Journal of Ginseng Research, 2022, 46, 408-417.	3.0	4
2	Serum neurofilament light chain level as a predictor of cognitive stage transition. Alzheimer's Research and Therapy, 2022, 14, 6.	3.0	19
3	Annual Incidence of Dementia from 2003 to 2018 in Metropolitan Seoul, Korea: A Population-Based Study. Journal of Clinical Medicine, 2022, 11, 819.	1.0	7
4	Dual Effects of Korean Red Ginseng on Astrocytes and Neural Stem Cells in Traumatic Brain Injury: The HO-1â€“Tom20 Axis as a Putative Target for Mitochondrial Function. Cells, 2022, 11, 892.	1.8	10
5	Association between sleep parameters and longitudinal shortening of telomere length. Aging, 2022, 14, 2930-2944.	1.4	7
6	High DKK3 expression related to immunosuppression was associated with poor prognosis in glioblastoma: machine learning approach. Cancer Immunology, Immunotherapy, 2022, 71, 3013-3027.	2.0	9
7	Post-Stroke Depressive Symptoms: Varying Responses to Escitalopram by Individual Symptoms and Lesion Location. Journal of Geriatric Psychiatry and Neurology, 2021, 34, 565-573.	1.2	4
8	ATPâ€binding cassette subfamily Aâ€1 (ABCA1) levels are increased in the aqueous humour of proliferative diabetic retinopathy patients. Acta Ophthalmologica, 2021, 99, e442-e443.	0.6	3
9	Glia-Like Cells from Human Mesenchymal Stem Cells Protect Neural Stem Cells in anIn VitroModel of Alzheimer's Disease by Reducing NLRP-3 Inflammasome. Dementia and Neurocognitive Disorders, 2021, 20, 1.	0.4	2
10	Telmisartan Inhibits the NLRP3 Inflammasome by Activating the PI3K Pathway in Neural Stem Cells Injured by Oxygen-Glucose Deprivation. Molecular Neurobiology, 2021, 58, 1806-1818.	1.9	7
11	Comparison of patients with transient and sustained increments of antiphospholipid antibodies after acute ischemic stroke. Journal of Neurology, 2021, 268, 2541-2549.	1.8	1
12	Efficacy and safety of GV1001 in patients with moderate-to-severe Alzheimerâ€™s disease already receiving donepezil: a phase 2 randomized, double-blind, placebo-controlled, multicenter clinical trial. Alzheimer's Research and Therapy, 2021, 13, 66.	3.0	16
13	The relationship of soluble TREM2 to other biomarkers of sporadic Alzheimerâ€™s disease. Scientific Reports, 2021, 11, 13050.	1.6	12
14	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. Aging, 2021, 13, 15898-15916.	1.4	23
15	Effect of Possible Osteoporosis on Parenchymal-Type Hemorrhagic Transformation in Patients with Cardioembolic Stroke. Journal of Clinical Medicine, 2021, 10, 2526.	1.0	3
16	Repair Mechanisms of the Neurovascular Unit after Ischemic Stroke with a Focus on VEGF. International Journal of Molecular Sciences, 2021, 22, 8543.	1.8	37
17	Increased telomere length in patients with frontotemporal dementia syndrome. Journal of the Neurological Sciences, 2021, 428, 117565.	0.3	7
18	The Osteoporotic Condition as a Predictive Factor for Hemorrhagic Transformation in Acute Cardioembolic Stroke. Journal of Korean Neurosurgical Society, 2021, 64, 763-775.	0.5	0

#	Article	IF	Citations
19	Neuroprotective Effects of GV1001 in Animal Stroke Model and Neural Cells Subject to Oxygen-Glucose Deprivation/Reperfusion Injury. Journal of Stroke, 2021, 23, 420-436.	1.4	4
20	Relationship between telomere shortening and age in Korean individuals with mild cognitive impairment and Alzheimerâ€™s disease compared to that in healthy controls. Aging, 2021, 13, 2089-2100.	1.4	8
21	Development of a Low-Molecular-Weight AÎ²42 Detection System Using a Enzyme-Linked Peptide Assay. Biomolecules, 2021, 11, 1818.	1.8	5
22	Development of peptide aptamers as alternatives for antibody in the detection of amyloid-beta 42 aggregates. Analytical Biochemistry, 2020, 609, 113921.	1.1	12
23	Neuroinflammation in neurodegenerative disorders: the roles of microglia and astrocytes. Translational Neurodegeneration, 2020, 9, 42.	3.6	883
24	Microâ€•RNAs in the aqueous humour of patients with diabetic macular oedema. Clinical and Experimental Ophthalmology, 2020, 48, 624-635.	1.3	12
25	Regenerative Potential of Carbon Monoxide in Adult Neural Circuits of the Central Nervous System. International Journal of Molecular Sciences, 2020, 21, 2273.	1.8	16
26	Early increment of soluble triggering receptor expressed on myeloid cells 2 in plasma might be a predictor of poor outcome after ischemic stroke. Journal of Clinical Neuroscience, 2020, 73, 215-218.	0.8	12
27	Depressive Symptoms in Stroke Patients: Are There Sex Differences?. Cerebrovascular Diseases, 2020, 49, 19-25.	0.8	4
28	Telomere shortening reflecting physical aging is associated with cognitive decline and dementia conversion in mild cognitive impairment due to Alzheimerâ€™s disease. Aging, 2020, 12, 4407-4423.	1.4	30
29	Causes, Risk Factors, and Clinical Outcomes of Stroke in Korean Young Adults: Systemic Lupus		

#	Article	IF	Citations
37	Glia-Like Cells from Late-Passage Human MSCs Protect Against Ischemic Stroke Through IGFBP-4. Molecular Neurobiology, 2019, 56, 7617-7630.	1.9	13
38	Asymptomatic Basilar Artery Plaque Distribution and Vascular Geometry. Journal of Atherosclerosis and Thrombosis, 2019, 26, 1007-1014.	0.9	9
39	Sublethal Doses of Zinc Protect Rat Neural Stem Cells Against Hypoxia Through Activation of the PI3K Pathway. Stem Cells and Development, 2019, 28, 769-780.	1.1	5
40	Ultrasensitive Fluorescence Detection of Alzheimerâ€™s Disease Based on Polyvalent Directed Peptide Polymer Coupled to a Nanoporous ZnO Nanoplatform. Analytical Chemistry, 2019, 91, 5573-5581.	3.2	30
41	LGR5 and Downstream Intracellular Signaling Proteins Play Critical Roles in the Cell Proliferation of Neuroblastoma, Meningioma and Pituitary Adenoma. Experimental Neurobiology, 2019, 28, 628-641.	0.7	5
42	Unilateral Deep Peroneal Neuropathy during Cyclosporine Therapy. Journal of the Korean Neurological Association, 2019, 37, 195-197.	0.0	0
43	Asymptomatic Bilateral Internal Carotid Artery Occlusion with Ring Finger Protein 213 Gene Polymorphism. Journal of the Korean Neurological Association, 2019, 37, 423-425.	0.0	0
44	Effects of aspirin and clopidogrel on neural stem cells. Cell Biology and Toxicology, 2018, 34, 219-232.	2.4	6
45	Understanding the role of glycogen synthase kinase-3 in L-DOPA-induced dyskinesia in Parkinsonâ€™s disease. Expert Opinion on Drug Metabolism and Toxicology, 2018, 14, 83-90.	1.5	21
46	Tracking and protection of transplanted stem cells using a ferrocenecarboxylic acid-conjugated peptide that mimics hTERT. Biomaterials, 2018, 155, 80-91.	5.7	12
47	A Sudden Deterioration in Cognitive Functions as the Result of a Central Nervous System Lymphoma. Dementia and Neurocognitive Disorders, 2018, 17, 71.	0.4	0
48	Differences in Therapeutic Responses and Factors Affecting Post-Stroke Depression at a Later Stage According to Baseline Depression. Journal of Stroke, 2018, 20, 258-267.	1.4	12
49	Basilar Artery Plaque and Pontine Infarction Location and Vascular Geometry. Journal of Stroke, 2018, 20, 92-98.	1.4	22
50	Leucine-rich G Protein-coupled Receptor-5 Is Significantly Increased in the Aqueous Humor of Human Eye with Proliferative Diabetic Retinopathy. Experimental Neurobiology, 2018, 27, 238-244.	0.7	1
51	Differences between the Molecular Mechanisms Underlying Ruptured and Non-Ruptured Carotid Plaques, and the Significance of ABCA1. Journal of Stroke, 2018, 20, 80-91.	1.4	6
52	Neurogenesis in Stroke Recovery. Translational Stroke Research, 2017, 8, 3-13.	2.3	162
53	Efficacy of early administration of escitalopram on depressive and emotional symptoms and neurological dysfunction after stroke: a multicentre, double-blind, randomised, placebo-controlled study. Lancet Psychiatry,the, 2017, 4, 33-41.	3.7	85
54	Association between nocturnal blood pressure variation and wake-up ischemic stroke. Journal of Clinical Neuroscience, 2017, 44, 210-213.	0.8	4

#	Article	IF	Citations
55	Early Activation of Phosphatidylinositol 3-Kinase after Ischemic Stroke Reduces Infarct Volume and Improves Long-Term Behavior. Molecular Neurobiology, 2017, 54, 5375-5384.	1.9	15
56	[P3â€“148]: A NOVEL SMART PEPTIDE REPRESENTING A 16â€AMINOâ€ACID HUMAN TELOMERASE REVERSE TRANSCRIPTASE SEQUENCE HAS POSITIVE EFFECTS IN INâ€VITRO AND INâ€VIVO MODELS OF ALZHEIMER's DISEASE BY INCREASING TELOMERE LENGTH. Alzheimer's and Dementia, 2017, 13, P991.	0.4	0
57	Neural Stem Cell Death Mechanisms Induced by Amyloid Beta. Dementia and Neurocognitive Disorders, 2017, 16, 121.	0.4	7
58	The role of PI3K/AKT pathway and its therapeutic possibility in Alzheimer's disease. Hanyang Medical Reviews, 2017, 37, 18.	0.4	20
59	Current update in diverse diseases. Hanyang Medical Reviews, 2017, 37, 1.	0.4	0
60	Overview of symptoms, pathogenesis, diagnosis, treatment, and prognosis of various acquired polyneuropathies. Hanyang Medical Reviews, 2017, 37, 34.	0.4	4
61	Candesartan Restores the Amyloid Beta-Inhibited Proliferation of Neural Stem Cells by Activating the Phosphatidylinositol 3-Kinase Pathway. Dementia and Neurocognitive Disorders, 2017, 16, 64.	0.4	4
62	Analysis of the Expectation of Stem Cell Therapy in Patients with Alzheimerâ€™s Disease. Dementia and Neurocognitive Disorders, 2016, 15, 129.	0.4	0
63	P3â€140: Interaction Between Sublethal Dose of Amyloid Beta and Hypoxia in Neural Stem Cells. Alzheimer's and Dementia, 2016, 12, P872.	0.4	0
64	Design of a PKCÎ´-specific small peptide as a theragnostic agent for glioblastoma. Analytical Biochemistry, 2016, 496, 63-70.	1.1	3
65	Dual effects of carbon monoxide on pericytes and neurogenesis in traumatic brain injury. Nature Medicine, 2016, 22, 1335-1341.	15.2	123
66	Predictors of Hemorrhage Volume after Intravenous Thrombolysis. Journal of Stroke and Cerebrovascular Diseases, 2016, 25, 2543-2548.	0.7	5
67	Neural stem cells injured by oxidative stress can be rejuvenated by GV1001, a novel peptide, through scavenging free radicals and enhancing survival signals. NeuroToxicology, 2016, 55, 131-141.	1.4	34
68	Atorvastatin Protects NSC-34 Motor Neurons Against Oxidative Stress by Activating PI3K, ERK and Free Radical Scavenging. Molecular Neurobiology, 2016, 53, 695-705.	1.9	28
69	Neuroprotective Effects of Acetyl-L-Carnitine Against Oxygen-Glucose Deprivation-Induced Neural Stem Cell Death. Molecular Neurobiology, 2016, 53, 6644-6652.	1.9	28
70	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. Current Medical Research and Opinion, 2016, 32, 105-112.	0.9	0
71	Current Opinion on the Role of Neurogenesis in the Therapeutic Strategies for Alzheimer Disease, Parkinson Disease, and Ischemic Stroke; Considering Neuronal Voiding Function. International Neurourology Journal, 2016, 20, 276-287.	0.5	22
72	Acute Disseminated Encephalomyelitis Following Pneumococcal Vaccination. Journal of the Korean Neurological Association, 2016, 34, 256-258.	0.0	0

#	Article	IF	Citations
73	Activation of the phosphatidylinositol 3â€kinase pathway plays important roles in reduction of cerebral infarction by cilnidipine. Journal of Neurochemistry, 2015, 135, 186-193.	2.1	13
74	Preoperative Coronary Stenosis Is a Determinant of Early Vascular Outcome after Carotid		

#	Article	IF	Citations
91	Î²-PIX Is Critical for Transplanted Mesenchymal Stromal Cell Migration. Stem Cells and Development, 2012, 21, 1989-1999.	1.1	12
92	Association between Serum Stromal Cell-Derived Factor-1a and Long-Term Outcome of Acute Ischemic Stroke. European Neurology, 2012, 67, 363-369.	0.6	13
93	Giant Aneurysm of the Internal Carotid Artery. Archives of Neurology, 2012, 69, 409.	4.9	1
94	A Novel Exon 3 Mutation (P66S) in the SOD1 Gene in Familial ALS. Canadian Journal of Neurological Sciences, 2012, 39, 245-246.	0.3	6
95	Conus Medullaris Syndrome as a Complication of Radioisotope Cisternography. Canadian Journal of Neurological Sciences, 2012, 39, 347-351.	0.3	4
96	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. Neurochemistry International, 2012, 61, 1172-1182.	1.9	6
97	The advantage of high-resolution MRI in evaluating basilar plaques: A comparison study with MRA. Atherosclerosis, 2012, 224, 411-416.	0.4	53
98	Coenzyme Q10 protects against amyloid beta-induced neuronal cell death by inhibiting oxidative stress and activating the P13K pathway. NeuroToxicology, 2012, 33, 85-90.	1.4	70
99	Coenzyme Q10 protects neural stem cells against hypoxia by enhancing survival signals. Brain Research, 2012, 1478, 64-73.	1.1	26
100	Strategy for Maximizing Therapeutic Efficacy of Adult Stem Cells. Hanyang Medical Reviews, 2012, 32, 159.	0.4	0
101	Synthesis and evaluation of thiopyrano[3,4-c]quinoline-9-carboxamide derivatives as inhibitors of poly(ADP-ribose) polymerase-1 (PARP-1). Medicinal Chemistry Research, 2012, 21, 1533-1543.	1.1	4
102	The functional deficiency of bone marrow mesenchymal stromal cells in ALS patients is proportional to disease progression rate. Experimental Neurology, 2012, 233, 472-480.	2.0	47
103	Hetastarch reduces neuronal cell death caused by oxidative stress. Drug Development Research, 2012, 73, 35-42.	1.4	0
104	A novel codon4 mutation (A4F) in the SOD1gene in familial amyotrophic lateral sclerosis. Journal of the Neurological Sciences, 2011, 306, 157-159.	0.3	10
105	L-DOPA neurotoxicity is prevented by neuroprotective effects of erythropoietin. NeuroToxicology, 2011, 32, 879-887.	1.4	21
106	Sparganosis mimicking an intramedullary tumor of the cervical cord. Journal of Clinical Neuroscience, 2011, 18, 1128-1129.	0.8	7
107	A probable cavernoma in the medulla oblongata presenting only as upbeat nystagmus. Journal of Clinical Neuroscience, 2011, 18, 1567-1569.	0.8	7
108	Amlodipine besylate and amlodipine camsylate prevent cortical neuronal cell death induced by oxidative stress. Journal of Neurochemistry, 2011, 119, 1262-1270.	2.1	19

#	Article	IF	Citations
109	Protective effects of statins on l-DOPA neurotoxicity due to the activation of phosphatidylinositol 3-kinase and free radical scavenging in PC12 cell culture. Brain Research, 2011, 1370, 53-63.	1.1	5
110	Ambidextrous magnetic nanovectors for synchronous gene transfection and labeling of human MSCs. Biomaterials, 2011, 32, 6174-6182.	5.7	18
111	Rat Models for Ischemic Stroke. Korean Journal of Stroke, 2011, 13, 107.	0.1	5
112	The neuroprotective effect of erythropoietin-transduced human mesenchymal stromal cells in an animal model of ischemic stroke. Brain Research, 2010, 1353, 1-13.	1.1	49
113	Effects of a newly developed tricyclic PARPâ€1 inhibitor, on ischemic stroke. Drug Development Research, 2010, 71, 253-260.	1.4	2
114	Synthesis and evaluation of tricyclic derivatives containing a non-aromatic amide as inhibitors of poly(ADP-ribose)polymerase-1 (PARP-1). Bioorganic and Medicinal Chemistry Letters, 2010, 20, 2250-2253.	1.0	12
115	Transduction of human EPO into human bone marrow mesenchymal stromal cells synergistically enhances cell-protective and migratory effects. Molecular Biology, 2010, 44, 577-584.	0.4	6
116			

#	Article	IF	Citations
127	Implantation of human umbilical cord-derived mesenchymal stem cells as a neuroprotective therapy for ischemic stroke in rats. Brain Research, 2008, 1229, 233-248.	1.1	203
128	Myasthenia gravis associated with ectopic cervical thymoma. Journal of Clinical Neuroscience, 2008, 15, 1393-1395.	0.8	16
129	Inhibition of GSK-3 reduces infarct volume and improves neurobehavioral functions. Biochemical and Biophysical Research Communications, 2008, 371, 894-899.	1.0	36
130	A Case of Cervical Epidural Abscess Presenting Rapidly Progressing Quadriplegia without any other Symptom or Sign of CEA. Infection and Chemotherapy, 2008, 40, 230.	1.0	0
131	Clinical characteristics of familial amyotrophic lateral sclerosis with a Phe20Cys mutation in the SOD1 gene in a Korean family. Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders, 2007, 8, 73-78.	2.3	11
132	Inhibition of glycogen synthase kinase-3 suppresses the onset of symptoms and disease progression of G93A-SOD1 mouse model of ALS. Experimental Neurology, 2007, 205, 336-346.	2.0	72
133	Recombinant human erythropoietin suppresses symptom onset and progression of G93A-SOD1 mouse model of ALS by preventing motor neuron death and inflammation. European Journal of Neuroscience, 2007, 25, 1923-1930.	1.2	42
134	Glycogen synthase kinase-3Î² activity plays very important roles in determining the fate of oxidative stress-inflicted neuronal cells. Brain Research, 2007, 1129, 89-99.	1.1	76
135	The effect of epigallocatechin gallate on suppressing disease progression of ALS model mice. Neuroscience Letters, 2006, 395, 103-107.	1.0	133
136			

#	Article	IF	Citations
145	Epigallocatechin gallate prevents oxidative-stress-induced death of mutant Cu/Zn-superoxide dismutase (G93A) motoneuron cells by alteration of cell survival and death signals. Toxicology, 2004, 202, 213-225.	2.0	72
146	Phosphatidylinositol-3 Kinase/Akt and GSK-3 Mediated Cytoprotective Effect of Epigallocatechin Gallate on Oxidative Stress-Injured Neuronal-Differentiated N18D3 Cells. NeuroToxicology, 2004, 25, 793-802.	1.4	85
147	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. Molecular Brain Research, 2003, 118, 72-81.	2.5	143