

Seung Hyun Kim

List of Publications by Year in descending order

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246
papers

7,462
citations

53794

45
h-index

85541

71
g-index

264
all docs

264
docs citations

264
times ranked

10300
citing authors

#	ARTICLE	IF	CITATIONS
1	The Amyloid- β Pathway in Alzheimer's Disease. <i>Molecular Psychiatry</i> , 2021, 26, 5481-5503.	7.9	478
2	Presence of dendritic cells, MCP-1, and activated microglia/macrophages in amyotrophic lateral sclerosis spinal cord tissue. <i>Annals of Neurology</i> , 2004, 55, 221-235.	5.3	469
3	Implantation of human umbilical cord-derived mesenchymal stem cells as a neuroprotective therapy for ischemic stroke in rats. <i>Brain Research</i> , 2008, 1229, 233-248.	2.2	203
4	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> , 2003, 118, 72-81.	2.3	143
5	Phase I Trial of Repeated Intrathecal Autologous Bone Marrow-Derived Mesenchymal Stromal Cells in Amyotrophic Lateral Sclerosis. <i>Stem Cells Translational Medicine</i> , 2015, 4, 590-597.	3.3	138
6	The effect of epigallocatechin gallate on suppressing disease progression of ALS model mice. <i>Neuroscience Letters</i> , 2006, 395, 103-107.	2.1	133
7	Blockade of Tau Hyperphosphorylation and A β 42 Generation by the Aminotetrahydrofuran Derivative ANAVEX-73, a Mixed Muscarinic and β 1 Receptor Agonist, in a Nontransgenic Mouse Model of Alzheimer's Disease. <i>Neuropsychopharmacology</i> , 2013, 38, 1706-1723.	5.4	129
8	Dose-dependent efficacy of ALS-human mesenchymal stem cells transplantation into cisterna magna in SOD1-G93A ALS mice. <i>Neuroscience Letters</i> , 2010, 468, 190-194.	2.1	127
9	Neuroprotective effects of donepezil through inhibition of GSK-3 activity in amyloid- β -induced neuronal cell death. <i>Journal of Neurochemistry</i> , 2009, 108, 1116-1125.	3.9	122
10	Amyloid-beta-induced neurotoxicity is reduced by inhibition of glycogen synthase kinase-3. <i>Brain Research</i> , 2008, 1188, 254-262.	2.2	114
11	Selection of optimal passage of bone marrow-derived mesenchymal stem cells for stem cell therapy in patients with amyotrophic lateral sclerosis. <i>Neuroscience Letters</i> , 2010, 472, 94-98.	2.1	94
12	The effect of PARP inhibitor on ischaemic cell death, its related inflammation and survival signals. <i>European Journal of Neuroscience</i> , 2004, 20, 1461-1472.	2.6	91
13	Phosphatidylinositol-3 Kinase/Akt and GSK-3 Mediated Cytoprotective Effect of Epigallocatechin Gallate on Oxidative Stress-Injured Neuronal-Differentiated N18D3 Cells. <i>NeuroToxicology</i> , 2004, 25, 793-802.	3.0	85
14	Intraoperative Neurophysiologic Monitoring: Basic Principles and Recent Update. <i>Journal of Korean Medical Science</i> , 2013, 28, 1261.	2.5	83
15	Repeated Intrathecal Mesenchymal Stem Cells for Amyotrophic Lateral Sclerosis. <i>Annals of Neurology</i> , 2018, 84, 361-373.	5.3	83
16	Mesenchymal Stem Cells Modulate the Functional Properties of Microglia via TGF- β Secretion. <i>Stem Cells Translational Medicine</i> , 2016, 5, 1538-1549.	3.3	78
17	Reproducibility of the motor unit number index (MUNIX) in normal controls and amyotrophic lateral sclerosis patients. <i>Muscle and Nerve</i> , 2010, 42, 808-813.	2.2	77
18	Glycogen synthase kinase-3 activity plays very important roles in determining the fate of oxidative stress-inflicted neuronal cells. <i>Brain Research</i> , 2007, 1129, 89-99.	2.2	76

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19	Screening of the SOD1, FUS, TARDBP, ANG, and OPTN mutations in Korean patients with familial and sporadic ALS. <i>Neurobiology of Aging</i> , 2012, 33, 1017.e17-1017.e23.	3.1	74
20	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> , 2014, 32, 2724-2731.	3.2	74
21	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> , 2004, 202, 213-225.	4.2	72
22	Neuronal SphK1 acetylates COX2 and contributes to pathogenesis in a model of Alzheimer's Disease. <i>Nature Communications</i> , 2018, 9, 1479.	12.8	68
23	Beyond symptomatic effects: potential of donepezil as a neuroprotective agent and disease modifier in Alzheimer's disease. <i>British Journal of Pharmacology</i> , 2017, 174, 4224-4232.	5.4	67
24	Analysis of the C9orf72 hexanucleotide repeat expansion in Korean patients with familial and sporadic amyotrophic lateral sclerosis. <i>Neurobiology of Aging</i> , 2013, 34, 1311.e7-1311.e9.	3.1	63
25	Protective effect of diallyl disulfide on oxidative stress-injured neuronally differentiated PC12 cells. <i>Molecular Brain Research</i> , 2005, 133, 176-186.	2.3	62
26	Safety and efficacy of ozanezumab in patients with amyotrophic lateral sclerosis: a randomised, double-blind, placebo-controlled, phase 2 trial. <i>Lancet Neurology</i> , The, 2017, 16, 208-216.	10.2	62
27	Amyotrophic lateral sclerosis and motor neuron syndromes in Asia. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2016, 87, 821-830.	1.9	61
28	Epidemiology of ALS in Korea using nationwide big data. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2019, 90, 395-403.	1.9	61
29	Brain abnormalities in Sjogren syndrome with recurrent CNS manifestations: association with neuromyelitis optica. <i>Multiple Sclerosis Journal</i> , 2009, 15, 1069-1076.	3.0	59
30	Role of GSK-3 β activity in motor neuronal cell death induced by G93A or A4V mutant hSOD1 gene. <i>European Journal of Neuroscience</i> , 2005, 22, 301-309.	2.6	58
31	The immunomodulatory effects of human mesenchymal stem cells on peripheral blood mononuclear cells in ALS patients. <i>Journal of Neurochemistry</i> , 2014, 131, 206-218.	3.9	58
32	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> , 2009, 18, 411-422.	2.1	56
33	Bone Marrow-Derived Stromal Cells from Amyotrophic Lateral Sclerosis Patients Have Diminished Stem Cell Capacity. <i>Stem Cells and Development</i> , 2010, 19, 1035-1042.	2.1	56
34	Hypolipidemia in Patients with Amyotrophic Lateral Sclerosis: A Possible Gender Difference?. <i>Journal</i>		

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37	Prognosis of ocular myasthenia in Korea: A retrospective multicenter analysis of 202 patients. <i>Journal of the Neurological Sciences</i> , 2008, 273, 10-14.	0.6	52
38	Amyotrophic Lateral Sclerosis Is Associated with Hypolipidemia at the Presymptomatic Stage in Mice. <i>PLoS ONE</i> , 2011, 6, e17985.	2.5	52
39	PARP Expression Is Increased in Astrocytes but Decreased in Motor Neurons in the Spinal Cord of Sporadic ALS Patients. <i>Journal of Neuropathology and Experimental Neurology</i> , 2003, 62, 88-103.	1.7	51
40	The neuroprotective effect of erythropoietin-transduced human mesenchymal stromal cells in an animal model of ischemic stroke. <i>Brain Research</i> , 2010, 1353, 1-13.	2.2	49
41	Valproic acid promotes neuronal differentiation by induction of neuroprogenitors in human bone-marrow mesenchymal stromal cells. <i>Neuroscience Letters</i> , 2013, 554, 22-27.	2.1	49
42	IL-4/10 prevents stress vulnerability following imipramine discontinuation. <i>Journal of Neuroinflammation</i> , 2015, 12, 197.	7.2	49
43	25-Hydroxycholesterol is involved in the pathogenesis of amyotrophic lateral sclerosis. <i>Oncotarget</i> , 2017, 8, 11855-11867.	1.8	49
44	Functional Expression of Ion Channels in Mesenchymal Stem Cells Derived from Umbilical Cord Vein. <i>Stem Cells</i> , 2007, 25, 2044-2052.	3.2	48
45	Reassessment of alkaline phosphatase as serum tumor marker with high specificity in osteosarcoma. <i>Cancer Medicine</i> , 2017, 6, 1311-1322.	2.8	48
46	The functional deficiency of bone marrow mesenchymal stromal cells in ALS patients is proportional to disease progression rate. <i>Experimental Neurology</i> , 2012, 233, 472-480.	4.1	47
47	Intermittent Hypoxia Can Aggravate Motor Neuronal Loss and Cognitive Dysfunction in ALS Mice. <i>PLoS ONE</i> , 2013, 8, e81808.	2.5	47
48	Socioeconomic costs of amyotrophic lateral sclerosis according to staging system. <i>Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</i> , 2015, 16, 202-208.	1.7	47
49	Electroencephalography-based endogenous brain-computer interface for online communication with a completely locked-in patient. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2019, 16, 18.	4.6	47
50	Phosphatidylinositol-3-kinase activation blocks amyloid beta-induced neurotoxicity. <i>Toxicology</i> , 2008, 243, 43-50.	4.2	46
51	Neuroprotective effects of donepezil against A β -induced neuronal toxicity are mediated through not only enhancing PP2A activity but also regulating GSK-3 β and nAChRs activity. <i>Journal of Neurochemistry</i> , 2013, 127, 562-574.	3.9	46
52	Precision medicine and drug development in Alzheimer's disease: the importance of sexual dimorphism and patient stratification. <i>Frontiers in Neuroendocrinology</i> , 2018, 50, 31-51.	5.2	46
53	Association between nutritional status and disease severity using the amyotrophic lateral sclerosis (ALS) functional rating scale in ALS patients. <i>Nutrition</i> , 2015, 31, 1362-1367.	2.4	44
54	ANXA1 mutations in ALS cause dysregulation of calcium homeostasis and stress granule dynamics. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	44

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55	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> , 2007, 25, 1923-1930.	2.6	42
56	Non-contact respiration monitoring using impulse radio ultrawideband radar in neonates. <i>Royal Society Open Science</i> , 2019, 6, 190149.	2.4	42
57	Spectrum of Cognitive Impairment in Korean ALS Patients without Known Genetic Mutations. <i>PLoS ONE</i> , 2014, 9, e87163.	2.5	39
58	Vascular and Neurogenic Rejuvenation in Aging Mice by Modulation of ASM. <i>Neuron</i> , 2018, 100, 167-182.e9.	8.1	39
59	ALS is a multistep process in South Korean, Japanese, and Australian patients. <i>Neurology</i> , 2020, 94, e1657-e1663.	1.1	39
60	Gene networking and inflammatory pathway analysis in a JMJD3 knockdown human monocytic cell line. <i>Cell Biochemistry and Function</i> , 2012, 30, 224-232.	2.9	38
61	Clinical feasibility of brain-computer interface based on steady-state visual evoked potential in patients with locked-in syndrome: Case studies. <i>Psychophysiology</i> , 2017, 54, 444-451.	2.4	38
62	Early Treatment with Poly(ADP-Ribose) Polymerase-1 Inhibitor (JPI-289) Reduces Infarct Volume and Improves Long-Term Behavior in an Animal Model of Ischemic Stroke. <i>Molecular Neurobiology</i> , 2018, 55, 7153-7163.	4.0	38
63	Inhibition of GSK-3 reduces infarct volume and improves neurobehavioral functions. <i>Biochemical and Biophysical Research Communications</i> , 2008, 371, 894-899.	2.1	36
64	Prognostic Role of Serum Levels of Uric Acid in Amyotrophic Lateral Sclerosis. <i>Journal of Clinical</i>		

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73	Regulatory T cells increase after treatment with poly (ADP-ribose) polymerase-1 inhibitor in ischemic stroke patients. <i>International Immunopharmacology</i> , 2018, 60, 104-110.	3.8	33
74	<sc><i>ADSSL</i></sc><i>1</i> mutation relevant to autosomal recessive adolescent onset distal myopathy. <i>Annals of Neurology</i> , 2016, 79, 231-243.	5.3	32
75	Frontal Assessment Battery to Evaluate Frontal Lobe Dysfunction in ALS Patients. <i>Canadian Journal of Neurological Sciences</i> , 2011, 38, 242-246.	0.5	31
76	Replacement of microglial cells using Clodronate liposome and bone marrow transplantation in the central nervous system of SOD1G93A transgenic mice as an in vivo model of amyotrophic lateral sclerosis. <i>Biochemical and Biophysical Research Communications</i> , 2012, 418, 359-365.	2.1	31
77	N-AS-triggered SPMs are direct regulators of microglia in a model of Alzheimer's disease. <i>Nature Communications</i> , 2020, 11, 2358.	12.8	31
78	Newly developed glycogen synthase kinase-3 (GSK-3) inhibitors protect neuronal cells death in amyloid-beta induced cell model and in a transgenic mouse model of Alzheimer's disease. <i>Biochemical and Biophysical Research Communications</i> , 2013, 435, 274-281.	2.1	30
79	Postoperative nomogram to predict the probability of metastasis in Enneking stage IIB extremity osteosarcoma. <i>BMC Cancer</i> , 2014, 14, 666.	2.6	30
80	Comparison of Dexmedetomidine and Fentanyl as an Adjuvant to Ropivacaine for Postoperative Epidural Analgesia in Pediatric Orthopedic Surgery. <i>Yonsei Medical Journal</i> , 2017, 58, 650.	2.2	30
81	Cilnidipine mediates a neuroprotective effect by scavenging free radicals and activating the phosphatidylinositol 3-kinase pathway. <i>Journal of Neurochemistry</i> , 2009, 111, 90-100.	3.9	29
82	Current Status of the Diagnosis and Management of Amyotrophic Lateral Sclerosis in Korea: A		

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91	Mutations in UBQLN2 and SIGMAR1 genes are rare in Korean patients with amyotrophic lateral sclerosis. <i>Neurobiology of Aging</i> , 2014, 35, 1957.e7-1957.e8.	3.1	26
92	Usefulness of diffusion tensor imaging findings as biomarkers for amyotrophic lateral sclerosis. <i>Scientific Reports</i> , 2020, 10, 5199.	3.3	26
93	Patient fibroblasts-derived induced neurons demonstrate autonomous neuronal defects in adult-onset Krabbe disease. <i>Oncotarget</i> , 2016, 7, 74496-74509.	1.8	26
94	Identification of mutations in Korean patients with amyotrophic lateral sclerosis using multigene panel testing. <i>Neurobiology of Aging</i> , 2016, 37, 209.e9-209.e16.	3.1	25
95	Functional Restoration of Amyotrophic Lateral Sclerosis Patient-Derived Mesenchymal Stromal Cells Through Inhibition of DNA Methyltransferase. <i>Cellular and Molecular Neurobiology</i> , 2016, 36, 613-620.	3.3	25
96	Development of an electrooculogram-based eye-computer interface for communication of individuals with amyotrophic lateral sclerosis. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2017, 14, 89.	4.6	25
97	Analysis of frontotemporal dementia, amyotrophic lateral sclerosis, and other dementia-related genes in 107 Korean patients with frontotemporal dementia. <i>Neurobiology of Aging</i> , 2018, 72, 186.e1-186.e7.	3.1	25
98	Dexamethasone Induces a Specific Form of Ramified Dysfunctional Microglia. <i>Molecular Neurobiology</i> , 2019, 56, 1421-1436.	4.0	25
99	TDP-43 mediates SREBF2-regulated gene expression required for oligodendrocyte myelination. <i>Journal of Cell Biology</i> , 2021, 220, .	5.2	25
100	CYP2D6*4 polymorphism is not associated with Parkinson's disease and has no protective role against Alzheimer's disease in the Korean population. <i>Psychiatry and Clinical Neurosciences</i> , 2001, 55, 373-377.	1.8	24
101	Vitamin D levels are not predictors of survival in a clinic population of patients with ALS. <i>Journal of the Neurological Sciences</i> , 2016, 367, 83-88.	0.6	24
102	Schirmer test in Parkinson's disease. <i>Journal of Korean Medical Science</i> , 1994, 9, 239.	2.5	22
103	Reduced sirtuin 1/adenosine monophosphate-activated protein kinase in amyotrophic lateral sclerosis patient-derived mesenchymal stem cells can be restored by resveratrol. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2019, 13, 110-115.	2.7	22
104	Phosphatidylinositol 3-kinase activator reduces motor neuronal cell death induced by G93A or A4V mutant SOD1 gene. <i>Toxicology</i> , 2005, 213, 45-55.	4.2	21
105	Fantasies About Stem Cell Therapy in Chronic Ischemic Stroke Patients. <i>Stem Cells and Development</i> , 2013, 22, 31-36.	2.1	21
106	De novo FUS mutations in 2 Korean patients with sporadic amyotrophic lateral sclerosis. <i>Neurobiology of Aging</i> , 2015, 36, 1604.e17-1604.e19.	3.1	21
107	Immune inflammatory modulation as a potential therapeutic strategy of stem cell therapy for ALS and neurodegenerative diseases. <i>BMB Reports</i> , 2018, 51, 545-546.	2.4	21
108	Relationship between Clinical Parameters and Brain Structure in Sporadic Amyotrophic Lateral Sclerosis Patients According to Onset Type: A Voxel-Based Morphometric Study. <i>PLoS ONE</i> , 2017, 12, e0168424.	2.5	21

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109	The importance of offering early genetic testing in everyone with amyotrophic lateral sclerosis. <i>Brain</i> , 2022, 145, 1207-1210.	7.6	21
110	Differential effects of diallyl disulfide on neuronal cells depend on its concentration. <i>Toxicology</i> , 2005, 211, 86-96.	4.2	20
111	Dietary intake of fruits and beta-carotene is negatively associated with amyotrophic lateral sclerosis risk in Koreans: A case-control study. <i>Nutritional Neuroscience</i> , 2014, 17, 104-108.	3.1	20
112	Neuroprotective effects of a novel poly (ADP-ribose) polymerase-1 inhibitor, JPL-289, in hypoxic rat cortical neurons. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2017, 44, 671-679.	1.9	20
113	Genetic and functional analysis of TBK1 variants in Korean patients with sporadic amyotrophic lateral sclerosis. <i>Neurobiology of Aging</i> , 2017, 50, 170.e1-170.e6.	3.1	20
114	Efficacy of Palonosetron-Dexamethasone Combination Versus Palonosetron Alone for Preventing Nausea and Vomiting Related to Opioid-Based Analgesia: A Prospective, Randomized, Double-blind Trial. <i>International Journal of Medical Sciences</i> , 2018, 15, 961-968.	2.5	20
115	A Therapeutic Strategy for Alzheimer's Disease Focused on Immune-inflammatory Modulation. <i>Dementia and Neurocognitive Disorders</i> , 2019, 18, 33.	1.4	20
116	Effects of Anesthesia Techniques on Outcomes after Hip Fracture Surgery in Elderly Patients: A Prospective, Randomized, Controlled Trial. <i>Journal of Clinical Medicine</i> , 2020, 9, 1605.	2.4	20
117	l-DOPA-induced neurotoxicity is reduced by the activation of the PI3K signaling pathway. <i>Toxicology</i> , 2009, 265, 80-86.	4.2	19
118	Clinical and Neuropsychological Comparisons of Early-Onset Versus Late-Onset Frontotemporal Dementia: A CREDOS-FTD Study. <i>Journal of Alzheimer's Disease</i> , 2015, 45, 599-608.	2.6	19
119	Quantitative susceptibility mapping of the motor cortex: a comparison of susceptibility among patients with amyotrophic lateral sclerosis, cerebrovascular disease, and healthy controls. <i>Neuroradiology</i> , 2017, 59, 1213-1222.	2.2	19
120	De novo mutations in <i>SOD1</i> are a cause of ALS. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2022, 93, 201-206.	1.9	19
121	Anesthetic considerations for awake craniotomy. <i>Anesthesia and Pain Medicine</i> , 2020, 15, 269-274.	1.4	19
122	Ambidextrous magnetic nanovectors for synchronous gene transfection and labeling of human MSCs. <i>Biomaterials</i> , 2011, 32, 6174-6182.	11.4	18
123	Clinical characteristics of parkinsonism in frontotemporal dementia according to subtypes. <i>Journal of the Neurological Sciences</i> , 2017, 372, 51-56.	0.6	18
124	Pulse pressure variation and pleth variability index as predictors of fluid responsiveness in patients undergoing spinal surgery in the prone position. <i>Therapeutics and Clinical Risk Management</i> , 2018, Volume 14, 1175-1183.	2.0	18
125	Coexistence of myasthenia gravis and pemphigus foliaceus. <i>Journal of Korean Medical Science</i> , 1995, 10, 298.	2.5	17
126	Inhibition of glycogen synthase kinase-3 reduces l-DOPA-induced neurotoxicity. <i>Toxicology</i> , 2008, 247, 112-118.	4.2	17

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127	Human angiogenin presents neuroprotective and migration effects in neuroblastoma cells. <i>Molecular and Cellular Biochemistry</i> , 2010, 340, 133-141.	3.1	17
128	Clinical and Neuropsychological Characteristics of a Nationwide Hospital-Based Registry of Frontotemporal Dementia Patients in Korea: A CREDOS-FTD Study. <i>Dementia and Geriatric Cognitive Disorders Extra</i> , 2014, 4, 242-251.	1.3	17
129	Neuroprotective effects of JGK-263 in transgenic SOD1-G93A mice of amyotrophic lateral sclerosis. <i>Journal of the Neurological Sciences</i> , 2014, 340, 112-116.	0.6	17
130	Response evaluation of giant-cell tumor of bone treated by denosumab: Histogram and texture analysis of CT images. <i>Journal of Orthopaedic Science</i> , 2018, 23, 570-577.	1.1	17
131	The addition of capnography to standard monitoring reduces hypoxemic events during gastrointestinal endoscopic sedation: a systematic review and meta-analysis. <i>Therapeutics and Clinical Risk Management</i> , 2018, Volume 14, 1605-1614.	2.0	17
132	Effects of valproic acid on the expression of trophic factors in human bone marrow mesenchymal stromal cells. <i>Neuroscience Letters</i> , 2012, 526, 100-105.	2.1	16
133	Optimal radiotherapy strategy for primary or recurrent fibromatosis and long-term results. <i>PLoS ONE</i> , 2018, 13, e0198134.	2.5	16
134	Functional Analysis of Histone Demethylase Jmjd2b on Lipopolysaccharide-Treated Murine Neural Stem Cells (NSCs). <i>Neurotoxicity Research</i> , 2013, 23, 154-165.	2.7	15
135	Intratympanic Steroid Injection for Bell's Palsy. <i>Otology and Neurotology</i> , 2014, 35, 1673-1678.	1.3	15
136	Chronic high dose of captopril induces depressive-like behaviors in mice: possible mechanism of regulatory T cell in depression. <i>Oncotarget</i> , 2017, 8, 72528-72543.	1.8	15
137	Renoprotective effects of dexmedetomidine against ischemia-reperfusion injury in streptozotocin-induced diabetic rats. <i>PLoS ONE</i> , 2018, 13, e0198307.	2.5	15
138	Comparison of general anesthesia and conscious sedation in procedure-related complications during esophageal endoscopic submucosal dissection. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2020, 34, 3560-3566.	2.4	15
139	Spinocerebellar Ataxia Type 6 and Episodic Ataxia Type 2 in a Korean Family. <i>Journal of Korean Medical Science</i> , 2001, 16, 809.	2.5	14
140	Differences in the Efficacies of Pazopanib and Gemcitabine/Docetaxel as Second-Line Treatments for Metastatic Soft Tissue Sarcoma. <i>Oncology</i> , 2019, 96, 59-69.	1.9	14
141	Feasibility of non-contact cardiorespiratory monitoring using impulse-radio ultra-wideband radar in the neonatal intensive care unit. <i>PLoS ONE</i> , 2020, 15, e0243939.	2.5	14
142	Presenilin 1 gene mutation (M139I) in a patient with an early-onset Alzheimer's disease: clinical characteristics and genetic identification. <i>Neurological Sciences</i> , 2010, 31, 781-783.	1.9	13
143	Association between Serum Stromal Cell-Derived Factor-1a and Long-Term Outcome of Acute Ischemic Stroke. <i>European Neurology</i> , 2012, 67, 363-369.	1.4	13
144	Synthesis and evaluation of 8-amino-[1,2,4]triazolo[4,3-a]pyridin-3(2H)-one derivatives as glycogen synthase kinase-3 (GSK-3) inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 3983-3987.	2.2	13

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145	Association between estimated total daily energy expenditure and stage of amyotrophic lateral sclerosis. <i>Nutrition</i> , 2017, 33, 181-186.	2.4	13
146	Coefficient of Variance as Quality Criterion for Evaluation of Advanced Hepatic Fibrosis Using 2D Shear-Wave Elastography. <i>Journal of Ultrasound in Medicine</i> , 2018, 37, 355-362.	1.7	13
147	Perioperative Factors for Predicting the Need for Postoperative Intensive Care after Major Lung Resection. <i>Journal of Clinical Medicine</i> , 2019, 8, 744.	2.4	13
148	Association between macronutrient intake and amyotrophic lateral sclerosis prognosis. <i>Nutritional Neuroscience</i> , 2020, 23, 8-15.	3.1	13
149	Non-contact Sleep/Wake Monitoring Using Impulse-Radio Ultrawideband Radar in Neonates. <i>Frontiers in Pediatrics</i> , 2021, 9, 782623.	1.9	13
150	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> , 2010, 20, 2250-2253.	2.2	12
151	Recombinant human erythropoietin reduces aggregation of mutant Cu/Zn-binding superoxide dismutase (SOD1) in NSC-34 cells. <i>Neuroscience Letters</i> , 2011, 504, 107-111.	2.1	12
152	Î²-PIX Is Critical for Transplanted Mesenchymal Stromal Cell Migration. <i>Stem Cells and Development</i> , 2012, 21, 1989-1999.	2.1	12
153	Recombinant Human Erythropoietin in Amyotrophic Lateral Sclerosis: A Pilot Study of Safety and		

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163	The Rap activator Gef26 regulates synaptic growth and neuronal survival via inhibition of BMP signaling. <i>Molecular Brain</i> , 2017, 10, 62.	2.6	10
164	A De Novo RAPGEF2 Variant Identified in a Sporadic Amyotrophic Lateral Sclerosis Patient Impairs Microtubule Stability and Axonal Mitochondria Distribution. <i>Experimental Neurobiology</i> , 2018, 27, 550-563.	1.6	10
165	Predictability of preoperative carotid artery-corrected flow time for hypotension after spinal anaesthesia in patients undergoing caesarean section. <i>European Journal of Anaesthesiology</i> , 2021, 38, 394-401.	1.7	10
166	Application of intraoperative lung-protective ventilation varies in accordance with the knowledge of anaesthesiologists: a single-Centre questionnaire study and a retrospective observational study. <i>BMC Anesthesiology</i> , 2018, 18, 33.	1.8	9
167	Policy of national responsibility and dementia care. <i>Journal of the Korean Medical Association</i> , 2018, 61, 309.	0.3	9
168	Therapeutic modulation of GSTO activity rescues FUS-associated neurotoxicity via deglutathionylation in ALS disease models. <i>Developmental Cell</i> , 2022, 57, 783-798.e8.	7.0	9
169	Structural explanation of poor prognosis of amyotrophic lateral sclerosis in the non-demented state. <i>European Journal of Neurology</i> , 2017, 24, 122-129.	3.3	8
170	The Consideration about Usefulness of Mass Screening for Dementia. <i>Dementia and Neurocognitive Disorders</i> , 2014, 13, 117.	1.4	8
171	Role of glycogen synthase kinase-3 in DOPA-induced neurotoxicity. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2009, 5, 1359-1368.	3.3	7
172	TCF β -catenin plays an important role in HCCR-1 oncogene expression. <i>BMC Molecular Biology</i> , 2009, 10, 42.	3.0	7
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