

Seung Hyun Kim

List of Publications by Citations

Source: <https://exaly.com/author-pdf/2224530/seung-hyun-kim-publications-by-citations.pdf>
Version: 2024-04-09

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

238 papers	5,531 citations	41 h-index	61 g-index
264 ext. papers	6,550 ext. citations	4.4 avg, IF	5.64 L-index

#	Paper	IF	Citations
238	Presence of dendritic cells, MCP-1, and activated microglia/macrophages in amyotrophic lateral sclerosis spinal cord tissue. <i>Annals of Neurology</i> , 2004 , 55, 221-35	9.4	391
237	Implantation of human umbilical cord-derived mesenchymal stem cells as a neuroprotective therapy for ischemic stroke in rats. <i>Brain Research</i> , 2008 , 1229, 233-48	3.7	179
236	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		131
235	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, 590-7	6.9	114
234	Dose-dependent efficacy of ALS-human mesenchymal stem cells transplantation into cisterna magna in SOD1-G93A ALS mice. <i>Neuroscience Letters</i> , 2010 , 468, 190-4	3.3	107
233	The effect of epigallocatechin gallate on suppressing disease progression of ALS model mice. <i>Neuroscience Letters</i> , 2006 , 395, 103-7	3.3	107
232	Neuroprotective effects of donepezil through inhibition of GSK-3 activity in amyloid-beta-induced neuronal cell death. <i>Journal of Neurochemistry</i> , 2009 , 108, 1116-25	6	105
231	Blockade of Tau hyperphosphorylation and A β generation by the aminotetrahydrofuran derivative ANAVEX2-73, a mixed muscarinic and μ receptor agonist, in a nontransgenic mouse model of Alzheimer's disease. <i>Neuropsychopharmacology</i> , 2013 , 38, 1706-23	8.7	101
230	Amyloid-beta-induced neurotoxicity is reduced by inhibition of glycogen synthase kinase-3. <i>Brain Research</i> , 2008 , 1188, 254-62	3.7	94
229	The effect of PARP inhibitor on ischaemic cell death, its related inflammation and survival signals. <i>European Journal of Neuroscience</i> , 2004 , 20, 1461-72	3.5	85
228	Effect of Dietary Fiber Intake on the Prognosis of Amyotrophic Lateral Sclerosis. <i>Current Developments in Nutrition</i> , 2021 , 5, 1107-1107	0.4	78
227	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, 94-8	3.3	77
226	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	4.4	77
225	Glycogen synthase kinase-3 β activity plays very important roles in determining the fate of oxidative stress-inflicted neuronal cells. <i>Brain Research</i> , 2007 , 1129, 89-99	3.7	68
224	Reproducibility of the motor unit number index (MUNIX) in normal controls and amyotrophic lateral sclerosis patients. <i>Muscle and Nerve</i> , 2010 , 42, 808-13	3.4	67
223	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, 2724-31	5.8	66
222	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.e17-23	5.6	66

221	Intraoperative neurophysiologic monitoring: basic principles and recent update. <i>Journal of Korean Medical Science</i> , 2013 , 28, 1261-9	4.7	66
220	The Amyloid- β Pathway in Alzheimer's Disease. <i>Molecular Psychiatry</i> , 2021 ,	15.1	63
219	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, 213-25	4.4	60
218	Protective effect of diallyl disulfide on oxidative stress-injured neuronally differentiated PC12 cells. <i>Molecular Brain Research</i> , 2005 , 133, 176-86		59
217	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.e7-9	5.6	56
216	Brain abnormalities in Sjogren syndrome with recurrent CNS manifestations: association with neuromyelitis optica. <i>Multiple Sclerosis Journal</i> , 2009 , 15, 1069-76	5	56
215	Bone marrow-derived stromal cells from amyotrophic lateral sclerosis patients have diminished stem cell capacity. <i>Stem Cells and Development</i> , 2010 , 19, 1035-42	4.4	53
214	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, 301-9	3.5	52
213	Mesenchymal Stem Cells Modulate the Functional Properties of Microglia via TGF- β Secretion. <i>Stem Cells Translational Medicine</i> , 2016 , 5, 1538-1549	6.9	51
212	Repeated Intrathecal Mesenchymal Stem Cells for Amyotrophic Lateral Sclerosis. <i>Annals of Neurology</i> , 2018 , 84, 361-373	9.4	51
211	The immunomodulatory effects of human mesenchymal stem cells on peripheral blood mononuclear cells in ALS patients. <i>Journal of Neurochemistry</i> , 2014 , 131, 206-18	6	51
210	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, 411-21	4.4	50
209	Effect of 3-aminobenzamide, PARP inhibitor, on matrix metalloproteinase-9 level in plasma and brain of ischemic stroke model. <i>Toxicology</i> , 2005 , 214, 131-9	4.4	50
208	Neuronal SphK1 acetylates COX2 and contributes to pathogenesis in a model of Alzheimer's Disease. <i>Nature Communications</i> , 2018 , 9, 1479	17.4	48
207	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	3.7	47
206	Serum VEGF levels in acute ischaemic strokes are correlated with long-term prognosis. <i>European Journal of Neurology</i> , 2010 , 17, 45-51	6	45
205	Amyotrophic lateral sclerosis and motor neuron syndromes in Asia. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2016 , 87, 821-30	5.5	45
204	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	3.1	43

203	Amyotrophic lateral sclerosis is associated with hypolipidemia at the presymptomatic stage in mice. <i>PLoS ONE</i> , 2011 , 6, e17985	3.7	42
202	Functional expression of ion channels in mesenchymal stem cells derived from umbilical cord vein. <i>Stem Cells</i> , 2007 , 25, 2044-52	5.8	42
201	Phosphatidylinositol-3-kinase activation blocks amyloid beta-induced neurotoxicity. <i>Toxicology</i> , 2008 , 243, 43-50	4.4	42
200	Valproic acid promotes neuronal differentiation by induction of neuroprogenitors in human bone-marrow mesenchymal stromal cells. <i>Neuroscience Letters</i> , 2013 , 554, 22-7	3.3	41
199	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	8.6	41
198	The functional deficiency of bone marrow mesenchymal stromal cells in ALS patients is proportional to disease progression rate. <i>Experimental Neurology</i> , 2012 , 233, 472-80	5.7	39
197	Hypolipidemia in patients with amyotrophic lateral sclerosis: a possible gender difference?. <i>Journal of Clinical Neurology (Korea)</i> , 2013 , 9, 125-9	1.7	39
196	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, 1923-30	3.5	37
195	Safety and efficacy of ozanezumab in patients with amyotrophic lateral sclerosis: a randomised, double-blind, placebo-controlled, phase 2 trial. <i>Lancet Neurology</i> , 2017 , 16, 208-216	24.1	36
194	IL-4/10 prevents stress vulnerability following imipramine discontinuation. <i>Journal of Neuroinflammation</i> , 2015 , 12, 197	10.1	35
193	Inhibition of GSK-3 reduces infarct volume and improves neurobehavioral functions. <i>Biochemical and Biophysical Research Communications</i> , 2008 , 371, 894-9	3.4	34
192	Association between nutritional status and disease severity using the amyotrophic lateral sclerosis (ALS) functional rating scale in ALS patients. <i>Nutrition</i> , 2015 , 31, 1362-7	4.8	33
191	Gene networking and inflammatory pathway analysis in a JMJD3 knockdown human monocytic cell line. <i>Cell Biochemistry and Function</i> , 2012 , 30, 224-32	4.2	33
190	Neuroprotective effects of donepezil against A β 2-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, 562-74	6	33
189	Intermittent hypoxia can aggravate motor neuronal loss and cognitive dysfunction in ALS mice. <i>PLoS ONE</i> , 2013 , 8, e81808	3.7	33
188	Prognosis of ocular myasthenia in Korea: a retrospective multicenter analysis of 202 patients. <i>Journal of the Neurological Sciences</i> , 2008 , 273, 10-4	3.2	33
187	Spectrum of cognitive impairment in Korean ALS patients without known genetic mutations. <i>PLoS ONE</i> , 2014 , 9, e87163	3.7	32
186	Socioeconomic costs of amyotrophic lateral sclerosis according to staging system. <i>Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</i> , 2015 , 16, 202-8	3.6	31

185	The neuroprotective effect of the GSK-3 β inhibitor and influence on the extrinsic apoptosis in the ALS transgenic mice. <i>Journal of the Neurological Sciences</i> , 2012 , 320, 1-5	3.2	31
184	Mutation analysis of the GNE gene in Korean patients with distal myopathy with rimmed vacuoles. <i>Journal of Human Genetics</i> , 2006 , 51, 137-140	4.3	31
183	25-Hydroxycholesterol is involved in the pathogenesis of amyotrophic lateral sclerosis. <i>Oncotarget</i> , 2017 , 8, 11855-11867	3.3	31
182	Reassessment of alkaline phosphatase as serum tumor marker with high specificity in osteosarcoma. <i>Cancer Medicine</i> , 2017 , 6, 1311-1322	4.8	30
181	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	5.3	29
180	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	8.9	29
179	Frontal assessment battery to evaluate frontal lobe dysfunction in ALS patients. <i>Canadian Journal of Neurological Sciences</i> , 2011 , 38, 242-6	1	29
178	Epidemiology of ALS in Korea using nationwide big data. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2019 , 90, 395-403	5.5	29
177	Clinical and genetic analysis of MAPT, GRN, and C9orf72 genes in Korean patients with frontotemporal dementia. <i>Neurobiology of Aging</i> , 2014 , 35, 1213.e13-7	5.6	28
176	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	6	28
175	The role of matrix metalloproteinase 9 in early neurological worsening of acute lacunar infarction. <i>European Neurology</i> , 2006 , 55, 11-5	2.1	28
174	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	6.2	26
173	Prognostic Role of Serum Levels of Uric Acid in Amyotrophic Lateral Sclerosis. <i>Journal of Clinical Neurology (Korea)</i> , 2015 , 11, 376-82	1.7	26
172	Postoperative nomogram to predict the probability of metastasis in Enneking stage IIB extremity osteosarcoma. <i>BMC Cancer</i> , 2014 , 14, 666	4.8	26
171	Neural induction with neurogenin 1 enhances the therapeutic potential of mesenchymal stem cells in an amyotrophic lateral sclerosis mouse model. <i>Cell Transplantation</i> , 2013 , 22, 855-70	4	26
170	15-Deoxy-delta12,14-prostaglandin J2, a neuroprotectant or a neurotoxicant?. <i>Toxicology</i> , 2005 , 216, 232-43	4.4	26
169	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	4.1	25
168	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, 274-81	3.4	25

167	Hypoxia/Reoxygenation-Preconditioned Human Bone Marrow-Derived Mesenchymal Stromal Cells Rescue Ischemic Rat Cortical Neurons by Enhancing Trophic Factor Release. <i>Molecular Neurobiology</i> , 2015 , 52, 792-803	6.2	24
166	Direct GSK-3 β inhibition enhances mesenchymal stromal cell migration by increasing expression of EPIX and CXCR4. <i>Molecular Neurobiology</i> , 2013 , 47, 811-20	6.2	24
165	Replacement of microglial cells using Clodronate liposome and bone marrow transplantation in the central nervous system of SOD1(G93A) transgenic mice as an in vivo model of amyotrophic lateral sclerosis. <i>Biochemical and Biophysical Research Communications</i> , 2012 , 418, 359-65	3.4	24
164	Non-contact respiration monitoring using impulse radio ultrawideband radar in neonates. <i>Royal Society Open Science</i> , 2019 , 6, 190149	3.3	23
163	Directly converted patient-specific induced neurons mirror the neuropathology of FUS with disrupted nuclear localization in amyotrophic lateral sclerosis. <i>Molecular Neurodegeneration</i> , 2016 , 11, 8	19	23
162	Coenzyme Q10 protects neural stem cells against hypoxia by enhancing survival signals. <i>Brain Research</i> , 2012 , 1478, 64-73	3.7	23
161	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	5.3	22
160	Erythropoietin modulates the immune-inflammatory response of a SOD1(G93A) transgenic mouse model of amyotrophic lateral sclerosis (ALS). <i>Neuroscience Letters</i> , 2014 , 574, 53-8	3.3	22
159	Risk factors for complications of percutaneous endoscopic gastrostomy. <i>Digestive Diseases and Sciences</i> , 2014 , 59, 117-25	4	22
158	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, 373-7	6.2	22
157	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	5.8	21
156	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	5.6	21
155	Vascular and Neurogenic Rejuvenation in Aging Mice by Modulation of ASM. <i>Neuron</i> , 2018 , 100, 167-182.e9	15.9	21
154	Functional Restoration of Amyotrophic Lateral Sclerosis Patient-Derived Mesenchymal Stromal Cells Through Inhibition of DNA Methyltransferase. <i>Cellular and Molecular Neurobiology</i> , 2016 , 36, 613-20	4.6	20
153	A Therapeutic Strategy for Alzheimer's Disease Focused on Immune-inflammatory Modulation. <i>Dementia and Neurocognitive Disorders</i> , 2019 , 18, 33-46	2.1	20
152	Mutations in UBQLN2 and SIGMAR1 genes are rare in Korean patients with amyotrophic lateral sclerosis. <i>Neurobiology of Aging</i> , 2014 , 35, 1957.e7-8	5.6	20
151	Schirmer test in Parkinson's disease. <i>Journal of Korean Medical Science</i> , 1994 , 9, 239-42	4.7	20
150	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	5.6	20

149	Fantasies about stem cell therapy in chronic ischemic stroke patients. <i>Stem Cells and Development</i> , 2013 , 22, 31-6	4.4	19
148	Current status of the diagnosis and management of amyotrophic lateral sclerosis in Korea: a multi-center cross-sectional study. <i>Journal of Clinical Neurology (Korea)</i> , 2012 , 8, 293-300	1.7	19
147	Phosphatidylinositol 3-kinase activator reduces motor neuronal cell death induced by G93A or A4V mutant SOD1 gene. <i>Toxicology</i> , 2005 , 213, 45-55	4.4	19
146	ADSSL1 mutation relevant to autosomal recessive adolescent onset distal myopathy. <i>Annals of Neurology</i> , 2016 , 79, 231-43	9.4	19
145	ALS is a multistep process in South Korean, Japanese, and Australian patients. <i>Neurology</i> , 2020 , 94, e1657-e1663	5.3	18
144	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, 650-657	3	18
143	Microbleeds and free active MMP-9 are independent risk factors for neurological deterioration in acute lacunar stroke. <i>European Journal of Neurology</i> , 2011 , 18, 158-64	6	18
142	L-DOPA-induced neurotoxicity is reduced by the activation of the PI3K signaling pathway. <i>Toxicology</i> , 2009 , 265, 80-6	4.4	18
141	Differential effects of diallyl disulfide on neuronal cells depend on its concentration. <i>Toxicology</i> , 2005 , 211, 86-96	4.4	18
140	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	4.3	17
139	Ambidextrous magnetic nanovectors for synchronous gene transfection and labeling of human MSCs. <i>Biomaterials</i> , 2011 , 32, 6174-82	15.6	17
138	Inhibition of glycogen synthase kinase-3 reduces L-DOPA-induced neurotoxicity. <i>Toxicology</i> , 2008 , 247, 112-8	4.4	17
137	N-AS-triggered SPMs are direct regulators of microglia in a model of Alzheimer's disease. <i>Nature Communications</i> , 2020 , 11, 2358	17.4	16
136	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	5.6	16
135	Effects of valproic acid on the expression of trophic factors in human bone marrow mesenchymal stromal cells. <i>Neuroscience Letters</i> , 2012 , 526, 100-5	3.3	16
134	Patient fibroblasts-derived induced neurons demonstrate autonomous neuronal defects in adult-onset Krabbe disease. <i>Oncotarget</i> , 2016 , 7, 74496-74509	3.3	16
133	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	4.4	16
132	De novo FUS mutations in 2 Korean patients with sporadic amyotrophic lateral sclerosis. <i>Neurobiology of Aging</i> , 2015 , 36, 1604.e17-9	5.6	15

131	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	1.6	15
130	Dexamethasone Induces a Specific Form of Ramified Dysfunctional Microglia. <i>Molecular Neurobiology</i> , 2019 , 56, 1421-1436	6.2	15
129	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, 242-51	2.5	15
128	Human angiogenin presents neuroprotective and migration effects in neuroblastoma cells. <i>Molecular and Cellular Biochemistry</i> , 2010 , 340, 133-41	4.2	15
127	Clinical characteristics of parkinsonism in frontotemporal dementia according to subtypes. <i>Journal of the Neurological Sciences</i> , 2017 , 372, 51-56	3.2	14
126	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	3.2	14
125	BMP-dependent synaptic development requires Abi-Abl-Rac signaling of BMP receptor macropinocytosis. <i>Nature Communications</i> , 2019 , 10, 684	17.4	14
124	Split hand muscle echo intensity index as a reliable imaging marker for differential diagnosis of amyotrophic lateral sclerosis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018 , 89, 943-948	5.5	14
123	Coexistence of myasthenia gravis and pemphigus foliaceus. <i>Journal of Korean Medical Science</i> , 1995 , 10, 298-302	4.7	14
122	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, 83-8	3.2	14
121	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	5.5	14
120	Neuroprotective effects of a novel poly (ADP-ribose) polymerase-1 inhibitor, JPI-289, in hypoxic rat cortical neurons. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2017 , 44, 671-679	3	13
119	Neuroprotective effects of JGK-263 in transgenic SOD1-G93A mice of amyotrophic lateral sclerosis. <i>Journal of the Neurological Sciences</i> , 2014 , 340, 112-6	3.2	13
118	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, 104-8	3.6	13
117	Association between serum stromal cell-derived factor-1 and long-term outcome of acute ischemic stroke. <i>European Neurology</i> , 2012 , 67, 363-9	2.1	13
116	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, 781-3	3.5	13
115	Spinocerebellar ataxia type 6 and episodic ataxia type 2 in a Korean family. <i>Journal of Korean Medical Science</i> , 2001 , 16, 809-13	4.7	13
114	Functional analysis of histone demethylase Jmjd2b on lipopolysaccharide-treated murine neural stem cells (NSCs). <i>Neurotoxicity Research</i> , 2013 , 23, 154-65	4.3	12

113	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	3.7	12
112	mutations in ALS cause dysregulation of calcium homeostasis and stress granule dynamics. <i>Science Translational Medicine</i> , 2020 , 12,	17.5	12
111	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	3.7	11
110	Intratympanic steroid injection for Bell's palsy: preliminary randomized controlled study. <i>Otology and Neurotology</i> , 2014 , 35, 1673-8	2.6	11
109	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	3.3	11
108	EPIX is critical for transplanted mesenchymal stromal cell migration. <i>Stem Cells and Development</i> , 2012 , 21, 1989-99	4.4	11
107	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	3.3	10
106	Distal hereditary motor neuropathy type 7B with Dynactin 1 mutation. <i>Molecular Medicine Reports</i> , 2016 , 14, 3362-8	2.9	10
105	Recombinant human erythropoietin in amyotrophic lateral sclerosis: a pilot study of safety and feasibility. <i>Journal of Clinical Neurology (Korea)</i> , 2014 , 10, 342-7	1.7	10
104	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, 3983-7	2.9	10
103	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, 2250-3	2.9	10
102	Hepatocellular carcinoma composed of two different histologic types: imaging features on gadoteric acid-enhanced liver MRI. <i>Clinical and Molecular Hepatology</i> , 2013 , 19, 92-6	6.9	10
101	Optimal radiotherapy strategy for primary or recurrent fibromatosis and long-term results. <i>PLoS ONE</i> , 2018 , 13, e0198134	3.7	10
100	Association between estimated total daily energy expenditure and stage of amyotrophic lateral sclerosis. <i>Nutrition</i> , 2017 , 33, 181-186	4.8	9
99	Renoprotective effects of dexmedetomidine against ischemia-reperfusion injury in streptozotocin-induced diabetic rats. <i>PLoS ONE</i> , 2018 , 13, e0198307	3.7	9
98	Safety and efficacy of G-CSF mobilization and collection of autologous peripheral blood stem cells in children with cerebral palsy. <i>Transfusion and Apheresis Science</i> , 2013 , 49, 516-21	2.4	9
97	A novel codon4 mutation (A4F) in the SOD1 gene in familial amyotrophic lateral sclerosis. <i>Journal of the Neurological Sciences</i> , 2011 , 306, 157-9	3.2	9
96	IgGs from patients with amyotrophic lateral sclerosis and diabetes target Ca ^v subunits impairing islet cell function and survival. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 ,	11.5	9

95	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	3.6	9
94	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	2.9	9
93	Usefulness of diffusion tensor imaging findings as biomarkers for amyotrophic lateral sclerosis. <i>Scientific Reports</i> , 2020 , 10, 5199	4.9	8
92	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	2.4	8
91	Impaired Perception of Emotional Expression in Amyotrophic Lateral Sclerosis. <i>Journal of Clinical Neurology (Korea)</i> , 2016 , 12, 295-300	1.7	8
90	Comparison of high flow nasal oxygen and conventional nasal cannula during gastrointestinal endoscopic sedation in the prone position: a randomized trial. <i>Canadian Journal of Anaesthesia</i> , 2021 , 68, 460-466	3	8
89	Retained Bone Wax on CT at One Year after Dacryocystorhinostomy: A Case Report. <i>Journal of the Korean Society of Radiology</i> , 2015 , 73, 190	0.2	7
88	The Consideration about Usefulness of Mass Screening for Dementia. <i>Dementia and Neurocognitive Disorders</i> , 2014 , 13, 117	2.1	7
87	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	3.7	7
86	A Variant Identified in a Sporadic Amyotrophic Lateral Sclerosis Patient Impairs Microtubule Stability and Axonal Mitochondria Distribution. <i>Experimental Neurobiology</i> , 2018 , 27, 550-563	4	7
85	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 , 14, 1605-1614	2.9	7
84	Is perioperative colloid infusion more effective than crystalloid in preventing postoperative nausea and vomiting?: A systematic review and meta-analysis. <i>Medicine (United States)</i> , 2019 , 98, e14339	1.8	6
83	Neuroprotective and antioxidant activities of bamboo salt soy sauce against HO-induced oxidative stress in rat cortical neurons. <i>Experimental and Therapeutic Medicine</i> , 2016 , 11, 1201-1210	2.1	6
82	Role of glycogen synthase kinase-3 in L-DOPA-induced neurotoxicity. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2009 , 5, 1359-68	5.5	6
81	Anesthetic considerations for awake craniotomy. <i>Anesthesia and Pain Medicine</i> , 2020 , 15, 269-274	0.3	6
80	Association between macronutrient intake and amyotrophic lateral sclerosis prognosis. <i>Nutritional Neuroscience</i> , 2020 , 23, 8-15	3.6	6
79	Translation and Psychometric Evaluation of a Korean Version of the Amyotrophic Lateral Sclerosis-Specific Quality of Life - Revised. <i>Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</i> , 2017 , 18, 92-98	3.6	5
78	Unmet supportive care needs mediate the relationship between functional status and quality of life in patients with amyotrophic lateral sclerosis. <i>Palliative and Supportive Care</i> , 2019 , 17, 650-654	2.5	5

77	Secondary malignant neoplasms after osteosarcoma: early onset and cumulative alkylating agent dose dependency. <i>Annals of Surgical Oncology</i> , 2015 , 22, 859-65	3.1	5
76	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	5.2	5
75	The Rap activator Gef26 regulates synaptic growth and neuronal survival via inhibition of BMP signaling. <i>Molecular Brain</i> , 2017 , 10, 62	4.5	5
74	Prognosis of Patients with Behavioral Variant Frontotemporal Dementia Who have Focal Versus Diffuse Frontal Atrophy. <i>Journal of Clinical Neurology (Korea)</i> , 2017 , 13, 234-242	1.7	5
73	TCF/beta-catenin plays an important role in HCCR-1 oncogene expression. <i>BMC Molecular Biology</i> , 2009 , 10, 42	4.5	5
72	Development of a cellular tau enzyme-linked immunosorbent assay method for screening GSK-3 β inhibitors. <i>Assay and Drug Development Technologies</i> , 2011 , 9, 503-13	2.1	5
71	Does perioperative intravenous dextrose reduce postoperative nausea and vomiting? A systematic review and meta-analysis. <i>Therapeutics and Clinical Risk Management</i> , 2018 , 14, 2003-2011	2.9	5
70	TDP-43 mediates SREBF2-regulated gene expression required for oligodendrocyte myelination. <i>Journal of Cell Biology</i> , 2021 , 220,	7.3	5
69	Perioperative Factors for Predicting the Need for Postoperative Intensive Care after Major Lung Resection. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	4
68	Analysis of ATXN2 trinucleotide repeats in Korean patients with amyotrophic lateral sclerosis. <i>Neurobiology of Aging</i> , 2018 , 67, 201.e5-201.e8	5.6	4
67	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 , 14, 1175-1183	2.9	4
66	Effect of JGK-263 as a new glycogen synthase kinase-3 β inhibitor on extrinsic apoptosis pathway in motor neuronal cells. <i>Biochemical and Biophysical Research Communications</i> , 2013 , 439, 309-14	3.4	4
65	Structural explanation of poor prognosis of amyotrophic lateral sclerosis in the non-demented state. <i>European Journal of Neurology</i> , 2017 , 24, 122-129	6	4
64	Future policy directions for planning of national responsibility for dementia care. <i>Journal of the Korean Medical Association</i> , 2017 , 60, 622	0.5	4
63	Massive pontine microbleeds in a patient with CADASIL. <i>JAMA Neurology</i> , 2014 , 71, 1048-9	17.2	4
62	Transduction of human EPO into human bone marrow mesenchymal stromal cells synergistically enhances cell-protective and migratory effects. <i>Molecular Biology</i> , 2010 , 44, 577-584	1.2	4
61	A novel exon 3 mutation (P66S) in the SOD1 gene in familial ALS. <i>Canadian Journal of Neurological Sciences</i> , 2012 , 39, 245-6	1	4
60	Jugular foramen neurilemmoma mimicking an intra-axial brainstem tumor--a case report. <i>Journal of Korean Medical Science</i> , 1996 , 11, 282-4	4.7	4

59	Rat Models for Ischemic Stroke. <i>Korean Journal of Stroke</i> , 2011 , 13, 107		4
58	Non-contact Sleep/Wake Monitoring Using Impulse-Radio Ultrawideband Radar in Neonates.. <i>Frontiers in Pediatrics</i> , 2021 , 9, 782623	3.4	4
57	Location of residual viable tumor cells after neoadjuvant chemotherapy: A new concept with high prognostic performance in osteosarcoma. <i>Journal of Surgical Oncology</i> , 2017 , 115, 752-759	2.8	3
56	Intractable pneumococcal meningoencephalitis associated with a TNF-Antagonist. <i>Journal of the Neurological Sciences</i> , 2014 , 344, 215-8	3.2	3
55	Stem Cell Therapy for Neurodegenerative Diseases. <i>Hanyang Medical Reviews</i> , 2015 , 35, 229		3
54	Lipopolysaccharide-mediated protein expression profiling on neuronal differentiated SH-SY5Y cells. <i>Biochip Journal</i> , 2012 , 6, 165-173	4	3
53	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> , 2012 , 21, 1533-1543	2.2	3
52	A novel LMNA gene mutation Leu162Pro and the associated clinical characteristics in a family with autosomal-dominant emery-dreifuss muscular dystrophy. <i>Muscle and Nerve</i> , 2008 , 38, 1336-9	3.4	3
51	Investigation of Common Mitochondrial Point Mutations in Korea. <i>Annals of the New York Academy of Sciences</i> , 2004 , 1011, 339-344	6.5	3
50	The Survey for Current State and Dognition of Activities of Daily Living in Dementia Patients-"Il-sang-ye-chan" Campaign. <i>Dementia and Neurocognitive Disorders</i> , 2013 , 12, 47	2.1	3
49	CLEC4C p.K210del variant causes impaired cell surface transport in plasmacytoid dendritic cells of amyotrophic lateral sclerosis. <i>Oncotarget</i> , 2016 , 7, 24942-9	3.3	3
48	Comprehensive Immuno-Molecular Profiles for Liposarcoma: Roles of Programmed Death Ligand 1, Microsatellite Instability, and PIK3CA. <i>Oncology</i> , 2020 , 98, 817-826	3.6	3
47	Policy of national responsibility and dementia care. <i>Journal of the Korean Medical Association</i> , 2018 , 61, 309	0.5	3
46	Propofol Requirement in Patients with Growth Hormone-Secreting Pituitary Tumors Undergoing Transsphenoidal Surgery. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	2
45	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,	5.1	2
44	The Anti-Inflammatory Effects of Oral-Formulated Tacrolimus in Mice with Experimental Autoimmune Encephalomyelitis. <i>Journal of Korean Medical Science</i> , 2017 , 32, 1502-1507	4.7	2
43	Extrinsic Apoptosis Pathway Altered by Glycogen Synthase Kinase-3 Inhibitor Influences the Net Drug Effect on NSC-34 Motor Neuron-Like Cell Survival. <i>BioMed Research International</i> , 2017 , 2017, 4163839	3.3	2
42	A Novel F45S SOD1 Mutation in Amyotrophic Lateral Sclerosis Coexisting with Bullous Pemphigoid. <i>Journal of Clinical Neurology (Korea)</i> , 2015 , 11, 390-4	1.7	2

41	Gene expression during long-term culture of mesenchymal stem cells obtained from patients with amyotrophic lateral sclerosis. <i>Biochip Journal</i> , 2012 , 6, 342-353	4	2
40	Clinical application of adult stem cell therapy in neurological disorders. <i>Journal of the Korean Medical Association</i> , 2011 , 54, 482	0.5	2
39	Herpes zoster ophthalmicus and delayed contralateral hemiparesis. <i>Journal of Korean Medical Science</i> , 1988 , 3, 79-82	4.7	2
38	MRI Findings of a Large Pedunculated Eccrine Poroma: A Case Report. <i>Journal of the Korean Society of Radiology</i> , 2016 , 74, 132	0.2	2
37	Survey of Current Status and Cognition of Activities of Daily Living in Dementia Patients: the 2018 "Il-sang-ye-chan" Campaign. <i>Dementia and Neurocognitive Disorders</i> , 2019 , 18, 1-9	2.1	2
36	Relationship between Dietary Fiber Intake and the Prognosis of Amyotrophic Lateral Sclerosis in Korea. <i>Nutrients</i> , 2020 , 12,	6.7	2
35	Prognostic implications of PD-L1 expression in patients with angiosarcoma. <i>Future Science OA</i> , 2021 , 7, FSO691	2.7	2
34	De novo mutations in are a cause of ALS. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2021 ,	5.5	2
33	P4-072: TAU PHOSPHORYLATION AT SPECIFIC SITE AS POSSIBLE BIOMARKER OF CLINICAL SEVERITY IN ALZHEIMER'S DISEASE 2014 , 10, P809-P809		1
32	Amyotrophic lateral sclerosis and frontotemporal lobar degeneration in association with CADASIL. <i>Neurologist</i> , 2012 , 18, 92-5	1.6	1
31	Effects of a newly developed tricyclic PARP-1 inhibitor, on ischemic stroke. <i>Drug Development Research</i> , 2010 , 71, 253-260	5.1	1
30	A Case of Peripheral Neuropathy in a Patient with Rheumatoid Arthritis Treated with Leflunomide. <i>The Journal of the Korean Rheumatism Association</i> , 2008 , 15, 273		1
29	Intraoperative neurophysiological monitoring for inhalational anesthesia based on the minimum alveolar concentration level. <i>Journal of Intraoperative Neurophysiology</i> , 2019 , 1, 39-43	0.5	1
28	PD-L1 tumour expression is predictive of pazopanib response in soft tissue sarcoma. <i>BMC Cancer</i> , 2021 , 21, 336	4.8	1
27	Hereditary Frontotemporal Dementia Linked to the Pathogenic p.L266V Variant of the MAPT Gene in Korea. <i>Journal of Clinical Neurology (Korea)</i> , 2021 , 17, 478-480	1.7	1
26	Predictability of preoperative carotid artery-corrected flow time for hypotension after spinal anaesthesia in patients undergoing caesarean section: A prospective observational study. <i>European Journal of Anaesthesiology</i> , 2021 , 38, 394-401	2.3	0
25	Sleep disturbance and delirium in patients with acromegaly in the early postoperative period after transsphenoidal pituitary surgery. <i>Medicine (United States)</i> , 2020 , 99, e23157	1.8	0
24	Inhalational versus intravenous maintenance of anesthesia for quality of recovery in patients undergoing corrective lower limb osteotomy: A randomized controlled trial. <i>PLoS ONE</i> , 2021 , 16, e0247089	3.7	0

23	Characteristics of Dysphagia Based on the Type of ALS in Korean Patients Evaluated Using Videofluoroscopic Study: A Retrospective Analysis.. <i>Dysphagia</i> , 2022 , 1	3.7	○
22	Preclinical trial of noncontact anthropometric measurement using IR-UWB radar.. <i>Scientific Reports</i> , 2022 , 12, 8174	4.9	○
21	Efficacy and safety of Lenzumestrocel (Neuronata-R [®] inj.) in patients with amyotrophic lateral sclerosis (ALSUMMIT study): study protocol for a multicentre, randomized, double-blind, parallel-group, sham procedure-controlled, phase III trial.. <i>Trials</i> , 2022 , 23, 415	2.8	○
20	Elucidating how bamboo salt interacts with supported lipid membranes: influence of alkalinity on membrane fluidity. <i>European Biophysics Journal</i> , 2015 , 44, 383-91	1.9	
19	P3-367: NPI-Q, A BRIEF CLINICAL FORM OF THE NEUROPSYCHIATRIC INVENTORY: KOREAN VALIDATION 2014 , 10, P764-P765		
18	P3-043: CANDESARTAN RESTORES AMYLOID BETA-INHIBITED PROLIFERATION OF NEURAL STEM CELLS BY ACTIVATING THE PI3K PATHWAY 2014 , 10, P644-P644		
17	Clinical Features and Prognostic Effects of Behavioral and Psychological Symptoms in Patients with Amyotrophic Lateral Sclerosis. <i>Dementia and Neurocognitive Disorders</i> , 2014 , 13, 1	2.1	
16	Unplanned Excision of Soft Tissue Sarcoma: Patient Profile and Treatment Outcomes. <i>The Journal of the Korean Bone and Joint Tumor Society</i> , 2012 , 18, 72		
15	Analysis for Usefulness of Arterial Embolization on Sacral and Pelvic Giant Cell Tumors. <i>The Journal of the Korean Bone and Joint Tumor Society</i> , 2013 , 19, 50		
14	Diagnosis and Treatment of Tingling Sensation on Hands and Feet. <i>Taehan Uihak Hyophoe Chi the Journal of the Korean Medical Association</i> , 2005 , 48, 472		
13	Clinical Characteristics of Korean Juvenile Amyotrophic Lateral Sclerosis. <i>Daehan Sin-gyeong Geunyeuk Jilhwan Hakoeji</i> , 2020 , 12, 17-23	○	
12	Time to Surgery and Injury Severity Score. <i>Journal of Trauma and Injury</i> , 2016 , 29, 151-154	○.2	
11	Myotonic Dystrophy Confirmed after Cesarean Section. <i>Korean Journal of Critical Care Medicine</i> , 2017 , 32, 81-82		
10	Preoperative cephalhematoma size measured with computed tomography predicts intraoperative bleeding in pediatric patients undergoing cranioplasty. <i>Anesthesia and Pain Medicine</i> , 2021 , 16, 151-157	○.3	
9	Clinical Scales Used in Motor Neuron Disease. <i>Journal of the Korean Neurological Association</i> , 2021 , 39, 77-86	○.1	
8	P1-402: The Consideration About Usefulness of Mass Screening for Dementia 2016 , 12, P587-P588		
7	P4-200: Comparing Regional Differences According to Cognitive Profile in Sporadic ALS Without Known Genetic Mutation: MRI-VBM Study 2016 , 12, P1101-P1101		
6	Feasibility of non-contact cardiorespiratory monitoring using impulse-radio ultra-wideband radar in the neonatal intensive care unit 2020 , 15, e0243939		

- 5 Feasibility of non-contact cardiorespiratory monitoring using impulse-radio ultra-wideband radar in the neonatal intensive care unit **2020**, 15, e0243939
- 4 Feasibility of non-contact cardiorespiratory monitoring using impulse-radio ultra-wideband radar in the neonatal intensive care unit **2020**, 15, e0243939
- 3 Feasibility of non-contact cardiorespiratory monitoring using impulse-radio ultra-wideband radar in the neonatal intensive care unit **2020**, 15, e0243939
- 2 Feasibility of non-contact cardiorespiratory monitoring using impulse-radio ultra-wideband radar in the neonatal intensive care unit **2020**, 15, e0243939
- 1 Feasibility of non-contact cardiorespiratory monitoring using impulse-radio ultra-wideband radar in the neonatal intensive care unit **2020**, 15, e0243939