Hye-Sun Kim

List of Publications by Year
in descending order

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		257450	265206
42	1,982	24	42
papers	citations	h-index	g-index

47	47	47	3112
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Minocycline and neurodegenerative diseases. Behavioural Brain Research, 2009, 196, 168-179.	2.2	396
2	Câ€terminal fragments of amyloid precursor protein exert neurotoxicity by inducing glycogen synthase kinaseâ€3Î² expression. FASEB Journal, 2003, 17, 1-28.	0.5	250
3	Amyloid ?? peptide induces cytochrome c release from isolated mitochondria. NeuroReport, 2002, 13, 1989-1993.	1.2	119
4	An Activity-Regulated microRNA, miR-188, Controls Dendritic Plasticity and Synaptic Transmission by Downregulating Neuropilin-2. Journal of Neuroscience, 2012, 32, 5678-5687.	3.6	108
5	Bystander Effect Fuels Human Induced Pluripotent Stem Cell-Derived Neural Stem Cells to Quickly Attenuate Early Stage Neurological Deficits After Stroke. Stem Cells Translational Medicine, 2015, 4, 841-851.	3.3	98
6	Carboxylâ€terminal fragment of Alzheimer's APP destabilizes calcium homeostasis and renders neuronal cells vulnerable to excitotoxicity. FASEB Journal, 2000, 14, 1508-1517.	0.5	75
7	Involvement of 14â€3â€3 in tubulin instability and impaired axon development is mediated by Tau. FASEB Journal, 2015, 29, 4133-4144.	0.5	69
8	Phloroglucinol Attenuates the Cognitive Deficits of the 5XFAD Mouse Model of Alzheimerâ€™s Disease. PLoS ONE, 2015, 10, e0135686.	2.5	54
9	Replenishment of microRNA-188-5p restores the synaptic and cognitive deficits in 5XFAD Mouse Model of Alzheimerâ€™s Disease. Scientific Reports, 2016, 6, 34433.	3.3	54
10	Inhibition of histone deacetylation enhances the neurotoxicity induced by the c-terminal fragments of amyloid precursor protein. Journal of Neuroscience Research, 2004, 75, 117-124.	2.9	53
11	Phloroglucinol Attenuates Motor Functional Deficits in an Animal Model of Parkinson's Disease by Enhancing Nrf2 Activity. PLoS ONE, 2013, 8, e71178.	2.5	48
12	S100A9 Knockout Decreases the Memory Impairment and Neuropathology in Crossbreed Mice of Tg2576 and S100A9 Knockout Mice Model. PLoS ONE, 2014, 9, e88924.	2.5	47
13	Memory impairment and cholinergic dysfunction by centrally administered AÎ² and carboxylâ€terminal fragment of Alzheimer's APP in mice. FASEB Journal, 2001, 15, 1816-1818.	0.5	42
14	Swedish amyloid precursor protein mutation increases phosphorylation of eIF2Î± in vitro and in vivo. Journal of Neuroscience Research, 2007, 85, 1528-1537.	2.9	41
15	Inhibition of STAT3 phosphorylation attenuates impairments in learning and memory in 5XFAD mice, an animal model of Alzheimer's disease. Journal of Pharmacological Sciences, 2020, 143, 290-299.	2.5	37
16	Hippocampus-based contextual memory alters the morphological characteristics of astrocytes in the dentate gyrus. Molecular Brain, 2016, 9, 72.	2.6	36
17	APP carboxyl-terminal fragment without or with A? domain equally induces cytotoxicity in differentiated PC12 cells and cortical neurons. Journal of Neuroscience Research, 2000, 60, 565-570.	2.9	33
18	Early Behavioral Abnormalities and Perinatal Alterations of PTEN/AKT Pathway in Valproic Acid Autism Model Mice. PLoS ONE, 2016, 11, e0153298.	2.5	32

#	Article	IF	Citations
19	Dendritic spine anomalies and PTEN alterations in a mouse model of VPA-induced autism spectrum disorder. Pharmacological Research, 2018, 128, 110-121.	7.1	32
20	Phloroglucinol Exerts Protective Effects Against Oxidative Stress^|^ndash;Induced Cell Damage in SH-SY5Y Cells. Journal of Pharmacological Sciences, 2012, 119, 186-192.	2.5	29
21	Phloroglucinol ameliorates cognitive impairments by reducing the amyloid Î² peptide burden and pro-inflammatory cytokines in the hippocampus of 5XFAD mice. Free Radical Biology and Medicine, 2018, 126, 221-234.	2.9	28
22	Estrogen attenuates cell death induced by carboxy-terminal fragment of amyloid precursor protein in PC12 through a receptor-dependent pathway. Journal of Neuroscience Research, 2001, 65, 403-407.	2.9	26
23	Neuritin Attenuates Cognitive Function Impairments in Tg2576 Mouse Model of Alzheimer's Disease. PLoS ONE, 2014, 9, e104121.	2.5	26
24	Swedish amyloid precursor protein mutation increases cell cycleâ€related proteins in vitro and in vivo. Journal of Neuroscience Research, 2008, 86, 2476-2487.	2.9	25
25	Effects of the carboxylâ€terminal fragment of Alzheimer's amyloid precursor protein and amyloid Î² â€peptide on the production of cytokines and nitric oxide in glial cells. FASEB Journal, 2001, 15, 1463-1465.	0.5	24
26	Subcellular localization of presenilins during mouse preimplantation development. FASEB Journal, 2000, 14, 2171-2176.	0.5	21
27	Non-invasive in vivo imaging of caspase-1 activation enables rapid and spatiotemporal detection of acute and chronic inflammatory disorders. Biomaterials, 2020, 226, 119543.	11.4	20
28	Neuregulin 1 Controls Glutamate Uptake by Up-regulating Excitatory Amino Acid Carrier 1 (EAAC1). Journal of Biological Chemistry, 2015, 290, 20233-20244.	3.4	19
29	Amyloid Precursor Protein Binding Protein-1 Modulates Cell Cycle Progression in Fetal Neural Stem Cells. PLoS ONE, 2010, 5, e14203.	2.5	18
30	Nicotinamide attenuates the decrease in dendritic spine density in hippocampal primary neurons from 5xFAD mice, an Alzheimerâ€™s disease animal model. Molecular Brain, 2020, 13, 17.	2.6	17
31	Modulation of Neuroinflammation by Low-Dose Radiation Therapy in an Animal Model of Alzheimer's Disease. International Journal of Radiation Oncology Biology Physics, 2021, 111, 658-670.	0.8	17
32	DehydroevodiamineÂ·HCl Improves Stress-Induced Memory Impairments and Depression Like Behavior in Rats. Korean Journal of Physiology and Pharmacology, 2014, 18, 55.	1.2	14
33	Disruption of the astrocyteâ€“neuron interaction is responsible for the impairments in learning and memory in 5XFAD mice: an Alzheimerâ€™s disease animal model. Molecular Brain, 2021, 14, 111.	2.6	12
34	Alterations in protein phosphorylation in the amygdala of the 5XFamilial Alzheimer's disease animal model. Journal of Pharmacological Sciences, 2017, 133, 261-267.	2.5	11
35	Neuregulin 1 regulates amyloid precursor protein cell surface expression and non-amyloidogenic processing. Journal of Pharmacological Sciences, 2018, 137, 146-153.	2.5	11
36	Neuregulin-1 inhibits CoCl2-induced upregulation of excitatory amino acid carrier 1 expression and oxidative stress in SH-SY5Y cells and the hippocampus of mice. Molecular Brain, 2020, 13, 153.	2.6	9

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37	Phloroglucinol attenuates oligomeric amyloid beta peptide1-42-induced astrocytic activation by reducing oxidative stress. Journal of Pharmacological Sciences, 2021, 145, 308-312.	2.5	9
38	Early-life stress induces EAAC1 expression reduction and attention-deficit and depressive behaviors in adolescent rats. Cell Death Discovery, 2020, 6, 73.	4.7	8
39	Inhibition of the NGF and IL-1Î²-Induced Expression of Alzheimer's Amyloid Precursor Protein by Antisense Oligonucleotides. Journal of Molecular Neuroscience, 1999, 12, 69-74.	2.3	7
40	Subanesthetic ketamine rapidly alters medial prefrontal miRNAs involved in ubiquitin-mediated proteolysis. PLoS ONE, 2021, 16, e0256390.	2.5	4
41	Fetal neural stem cells from a mouse model of 15q11-13 duplication syndrome exhibit altered differentiation into neurons and astrocytes. Journal of Pharmacological Sciences, 2019, 139, 249-253.	2.5	1
42	Replenishment of microRNA-188-5p restores the synaptic and cognitive deficits in 5XFAD Mouse Model of Alzheimer's Disease. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, SY55-4.	0.0	0