

Hye-Sun Kim

List of Publications by Year in descending order

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42
papers

1,982
citations

257450

24
h-index

265206

42
g-index

47
all docs

47
docs citations

47
times ranked

3112
citing authors

#	ARTICLE	IF	CITATIONS
1	Phloroglucinol attenuates oligomeric amyloid beta peptide1-42-induced astrocytic activation by reducing oxidative stress. <i>Journal of Pharmacological Sciences</i> , 2021, 145, 308-312.	2.5	9
2	Disruption of the astrocyteâ€“neuron interaction is responsible for the impairments in learning and memory in 5XFAD mice: an Alzheimerâ€™s disease animal model. <i>Molecular Brain</i> , 2021, 14, 111.	2.6	12
3	Subanesthetic ketamine rapidly alters medial prefrontal miRNAs involved in ubiquitin-mediated proteolysis. <i>PLoS ONE</i> , 2021, 16, e0256390.	2.5	4
4	Modulation of Neuroinflammation by Low-Dose Radiation Therapy in an Animal Model of Alzheimer's Disease. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 111, 658-670.	0.8	17
5	Non-invasive in vivo imaging of caspase-1 activation enables rapid and spatiotemporal detection of acute and chronic inflammatory disorders. <i>Biomaterials</i> , 2020, 226, 119543.	11.4	20
6	Neuregulin-1 inhibits CoCl ₂ -induced upregulation of excitatory amino acid carrier 1 expression and oxidative stress in SH-SY5Y cells and the hippocampus of mice. <i>Molecular Brain</i> , 2020, 13, 153.	2.6	9
7	Early-life stress induces EAAC1 expression reduction and attention-deficit and depressive behaviors in adolescent rats. <i>Cell Death Discovery</i> , 2020, 6, 73.	4.7	8
8	Inhibition of STAT3 phosphorylation attenuates impairments in learning and memory in 5XFAD mice, an animal model of Alzheimer's disease. <i>Journal of Pharmacological Sciences</i> , 2020, 143, 290-299.	2.5	37
9	Nicotinamide attenuates the decrease in dendritic spine density in hippocampal primary neurons from 5xFAD mice, an Alzheimerâ€™s disease animal model. <i>Molecular Brain</i> , 2020, 13, 17.	2.6	17
10	Fetal neural stem cells from a mouse model of 15q11-13 duplication syndrome exhibit altered differentiation into neurons and astrocytes. <i>Journal of Pharmacological Sciences</i> , 2019, 139, 249-253.	2.5	1
11	Dendritic spine anomalies and PTEN alterations in a mouse model of VPA-induced autism spectrum disorder. <i>Pharmacological Research</i> , 2018, 128, 110-121.	7.1	32
12	Phloroglucinol ameliorates cognitive impairments by reducing the amyloid Î² peptide burden and pro-inflammatory cytokines in the hippocampus of 5XFAD mice. <i>Free Radical Biology and Medicine</i> , 2018, 126, 221-234.	2.9	28
13	Neuregulin 1 regulates amyloid precursor protein cell surface expression and non-amyloidogenic processing. <i>Journal of Pharmacological Sciences</i> , 2018, 137, 146-153.	2.5	11
14	Replenishment of microRNA-188-5p restores the synaptic and cognitive deficits in 5XFAD Mouse Model of Alzheimer's Disease. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, SY55-4.	0.0	0
15	Alterations in protein phosphorylation in the amygdala of the 5XFamilial Alzheimer's disease animal model. <i>Journal of Pharmacological Sciences</i> , 2017, 133, 261-267.	2.5	11
16	Early Behavioral Abnormalities and Perinatal Alterations of PTEN/AKT Pathway in Valproic Acid Autism Model Mice. <i>PLoS ONE</i> , 2016, 11, e0153298.	2.5	32
17	Replenishment of microRNA-188-5p restores the synaptic and cognitive deficits in 5XFAD Mouse Model of Alzheimerâ€™s Disease. <i>Scientific Reports</i> , 2016, 6, 34433.	3.3	54
18	Hippocampus-based contextual memory alters the morphological characteristics of astrocytes in the dentate gyrus. <i>Molecular Brain</i> , 2016, 9, 72.	2.6	36

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19	Phloroglucinol Attenuates the Cognitive Deficits of the 5XFAD Mouse Model of Alzheimer's Disease. PLoS ONE, 2015, 10, e0135686.	2.5	54
20	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
21	Involvement of 14-3-3 in tubulin instability and impaired axon development is mediated by Tau. FASEB Journal, 2015, 29, 4133-4144.	0.5	69
22	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
23	Dehydroevodiamine-HCl Improves Stress-Induced Memory Impairments and Depression Like Behavior in Rats. Korean Journal of Physiology and Pharmacology, 2014, 18, 55.	1.2	14
24	Neuritin Attenuates Cognitive Function Impairments in Tg2576 Mouse Model of Alzheimer's Disease. PLoS ONE, 2014, 9, e104121.	2.5	26
25	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
26	Phloroglucinol Attenuates Motor Functional Deficits in an Animal Model of Parkinson's Disease by Enhancing Nrf2 Activity. PLoS ONE, 2013, 8, e711178.	2.5	48
27	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
28	Phloroglucinol Exerts Protective Effects Against Oxidative Stress-Induced Cell Damage in SH-SY5Y Cells. Journal of Pharmacological Sciences, 2012, 119, 186-192.	2.5	29
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	Minocycline and neurodegenerative diseases. Behavioural Brain Research, 2009, 196, 168-179.	2.2	396
31	Swedish amyloid precursor protein mutation increases cell cycle-related proteins in vitro and in vivo. Journal of Neuroscience Research, 2008, 86, 2476-2487.	2.9	25
32	Swedish amyloid precursor protein mutation increases phosphorylation of eIF2 α in vitro and in vivo. Journal of Neuroscience Research, 2007, 85, 1528-1537.	2.9	41
33	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
34	C-terminal fragments of amyloid precursor protein exert neurotoxicity by inducing glycogen synthase kinase-3 β expression. FASEB Journal, 2003, 17, 1-28.	0.5	250
35	Amyloid ?? peptide induces cytochrome c release from isolated mitochondria. NeuroReport, 2002, 13, 1989-1993.	1.2	119
36	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

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37	Effects of the carboxyl-terminal fragment of Alzheimer's amyloid precursor protein and amyloid β peptide on the production of cytokines and nitric oxide in glial cells. FASEB Journal, 2001, 15, 1463-1465.	0.5	24
38	Memory impairment and cholinergic dysfunction by centrally administered $A\beta$ and carboxyl-terminal fragment of Alzheimer's APP in mice. FASEB Journal, 2001, 15, 1816-1818.	0.5	42
39	Carboxyl-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
40	APP carboxyl-terminal fragment without or with A β domain equally induces cytotoxicity in differentiated PC12 cells and cortical neurons. Journal of Neuroscience Research, 2000, 60, 565-570.	2.9	33
41	Subcellular localization of presenilins during mouse preimplantation development. FASEB Journal, 2000, 14, 2171-2176.	0.5	21
42	Inhibition of the NGF and IL-1 β -Induced Expression of Alzheimer's Amyloid Precursor Protein by Antisense Oligonucleotides. Journal of Molecular Neuroscience, 1999, 12, 69-74.	2.3	7