

Ji Woong Choi

List of Publications by Citations

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43
papers

2,100
citations

19
h-index

45
g-index

47
ext. papers

2,441
ext. citations

5.9
avg, IF

5.05
L-index

#	Paper	IF	Citations
43	LPA receptors: subtypes and biological actions. <i>Annual Review of Pharmacology and Toxicology</i> , 2010 , 50, 157-86	17.9	633
42	FTY720 (fingolimod) efficacy in an animal model of multiple sclerosis requires astrocyte sphingosine 1-phosphate receptor 1 (S1P1) modulation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 751-6	11.5	446
41	Lysophospholipids and their receptors in the central nervous system. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2013 , 1831, 20-32	5	185
40	Biological roles of lysophospholipid receptors revealed by genetic null mice: an update. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2008 , 1781, 531-9	5	103
39	Sphingosine 1-phosphate receptor subtype 3 (S1P) contributes to brain injury after transient focal cerebral ischemia via modulating microglial activation and their M1 polarization. <i>Journal of Neuroinflammation</i> , 2018 , 15, 284	10.1	59
38	Neuroprotective effect of 6-paradol in focal cerebral ischemia involves the attenuation of neuroinflammatory responses in activated microglia. <i>PLoS ONE</i> , 2015 , 10, e0120203	3.7	58
37	Activation of Glucagon-Like Peptide-1 Receptor Promotes Neuroprotection in Experimental Autoimmune Encephalomyelitis by Reducing Neuroinflammatory Responses. <i>Molecular Neurobiology</i> , 2018 , 55, 3007-3020	6.2	51
36	Matrix metalloproteinase-8 plays a pivotal role in neuroinflammation by modulating TNF- α activation. <i>Journal of Immunology</i> , 2014 , 193, 2384-93	5.3	50
35	Neurological S1P signaling as an emerging mechanism of action of oral FTY720 (fingolimod) in multiple sclerosis. <i>Archives of Pharmacal Research</i> , 2010 , 33, 1567-74	6.1	47
34	The complex morphology of reactive astrocytes controlled by fibroblast growth factor signaling. <i>Glia</i> , 2014 , 62, 1328-44	9	46
33	Identification of Sphingosine 1-Phosphate Receptor Subtype 1 (S1P) as a Pathogenic Factor in Transient Focal Cerebral Ischemia. <i>Molecular Neurobiology</i> , 2018 , 55, 2320-2332	6.2	43
32	Eupatilin exerts neuroprotective effects in mice with transient focal cerebral ischemia by reducing microglial activation. <i>PLoS ONE</i> , 2017 , 12, e0171479	3.7	40
31	Exogenous S1P Exposure Potentiates Ischemic Stroke Damage That Is Reduced Possibly by Inhibiting S1P Receptor Signaling. <i>Mediators of Inflammation</i> , 2015 , 2015, 492659	4.3	31
30	S1P contributes to microglial activation and M1 polarization following cerebral ischemia through ERK1/2 and JNK. <i>Scientific Reports</i> , 2019 , 9, 12106	4.9	28
29	Lysophosphatidic acid receptor 1 (LPA) plays critical roles in microglial activation and brain damage after transient focal cerebral ischemia. <i>Journal of Neuroinflammation</i> , 2019 , 16, 170	10.1	25
28	Identifying lysophosphatidic acid receptor subtype 1 (LPA) as a novel factor to modulate microglial activation and their TNF- α production by activating ERK1/2. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2018 , 1863, 1237-1245	5	23
27	Uridine protects cortical neurons from glucose deprivation-induced death: possible role of uridine phosphorylase. <i>Journal of Neurotrauma</i> , 2008 , 25, 695-707	5.4	23

26	S1P Regulates M1/M2 Polarization toward Brain Injury after Transient Focal Cerebral Ischemia. <i>Biomolecules and Therapeutics</i> , 2019 , 522-529	4.2	23
25	Matrix Metalloproteinase-8 is a Novel Pathogenetic Factor in Focal Cerebral Ischemia. <i>Molecular Neurobiology</i> , 2016 , 53, 231-239	6.2	22
24	Glucose deprivation increases hydrogen peroxide level in immunostimulated rat primary astrocytes. <i>Journal of Neuroscience Research</i> , 2004 , 75, 722-31	4.4	17
23	Control of JNK for an activation of NADPH oxidase in LPS-stimulated BV2 microglia. <i>Archives of Pharmacal Research</i> , 2012 , 35, 709-15	6.1	15
22	Lysophosphatidic Acid Receptor 5 Plays a Pathogenic Role in Brain Damage after Focal Cerebral Ischemia by Modulating Neuroinflammatory Responses. <i>Cells</i> , 2020 , 9,	7.9	13
21	Neuroprotective Effects of 6-Shogaol and Its Metabolite, 6-Paradol, in a Mouse Model of Multiple Sclerosis. <i>Biomolecules and Therapeutics</i> , 2019 , 27, 152-159	4.2	13
20	Danshensu attenuates scopolamine and amyloid- β -induced cognitive impairments through the activation of PKA-CREB signaling in mice. <i>Neurochemistry International</i> , 2019 , 131, 104537	4.4	12
19	Regulation of neuroinflammation by matrix metalloproteinase-8 inhibitor derivatives in activated microglia and astrocytes. <i>Oncotarget</i> , 2017 , 8, 78677-78690	3.3	10
18	Lysophosphatidic Acid Receptor 5 Contributes to Imiquimod-Induced Psoriasis-Like Lesions through NLRP3 Inflammasome Activation in Macrophages. <i>Cells</i> , 2020 , 9,	7.9	10
17	Proteinase 3 Induces Neuronal Cell Death Through Microglial Activation. <i>Neurochemical Research</i> , 2015 , 40, 2242-51	4.6	9
16	Uridine prevents the glucose deprivation-induced death of immunostimulated astrocytes via the action of uridine phosphorylase. <i>Neuroscience Research</i> , 2006 , 56, 111-8	2.9	9
15	Adenosine and purine nucleosides prevent the disruption of mitochondrial transmembrane potential by peroxynitrite in rat primary astrocytes. <i>Archives of Pharmacal Research</i> , 2005 , 28, 810-5	6.1	8
14	Sphingosine 1-Phosphate Receptors in Cerebral Ischemia. <i>NeuroMolecular Medicine</i> , 2021 , 23, 211-223	4.6	8
13	BMS-986020, a Specific LPA Antagonist, Provides Neuroprotection against Ischemic Stroke in Mice. <i>Antioxidants</i> , 2020 , 9,	7.1	7
12	Dracocephalum moldavica attenuates scopolamine-induced cognitive impairment through activation of hippocampal ERK-CREB signaling in mice. <i>Journal of Ethnopharmacology</i> , 2020 , 253, 112651-5	5	5
11	NLRP3 Inflammasome Activation Is Involved in LPA-Mediated Brain Injury after Transient Focal Cerebral Ischemia. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	5
10	Brain energy metabolism and multiple sclerosis: progress and prospects. <i>Archives of Pharmacal Research</i> , 2020 , 43, 1017-1030	6.1	4
9	Potential Therapeutic Approaches through Modulating the Autophagy Process for Skin Barrier Dysfunction. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	4

8	Role of Nitric Oxide and Protein S-Nitrosylation in Ischemia-Reperfusion Injury.. <i>Antioxidants</i> , 2021 , 11,	7.1	4
7	Inhibition of LPA Activity Provides Long-Term Neuroprotection in Mice with Brain Ischemic Stroke. <i>Biomolecules and Therapeutics</i> , 2020 , 28, 512-518	4.2	2
6	Roles of GABA receptor β subunit on locomotion and working memory in transient forebrain ischemia in mice. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2020 , 102, 109962	5.5	2
5	Akt and calcium-permeable AMPA receptor are involved in the effect of pinoresinol on amyloid β induced synaptic plasticity and memory deficits. <i>Biochemical Pharmacology</i> , 2021 , 184, 114366	6	2
4	Oleanolic Acid Provides Neuroprotection against Ischemic Stroke through the Inhibition of Microglial Activation and NLRP3 Inflammasome Activation. <i>Biomolecules and Therapeutics</i> , 2021 ,	4.2	1
3	REDD1 Is Involved in Amyloid β Induced Synaptic Dysfunction and Memory Impairment. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	1
2	Receptor for Advanced Glycation End Products Is Involved in LPA-Mediated Brain Damage after a Transient Ischemic Stroke. <i>Life</i> , 2021 , 11,	3	1
1	Role of extracellular signal-regulated kinase in rubrofusarin-enhanced cognitive functions and neurite outgrowth.. <i>Biomedicine and Pharmacotherapy</i> , 2022 , 147, 112663	7.5	0