

Ji Woong Choi

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

2,726
citations

331670

21
h-index

214800

47
g-index

47
all docs

47
docs citations

47
times ranked

3925
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | LPA Receptors: Subtypes and Biological Actions. Annual Review of Pharmacology and Toxicology, 2010, 50, 157-186. | 9.4 | 724 |
| 2 | FTY720 (fingolimod) efficacy in an animal model of multiple sclerosis requires astrocyte sphingosine 1-phosphate receptor 1 (S1P ₁) modulation. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 751-756. | 7.1 | 558 |
| 3 | Lysophospholipids and their receptors in the central nervous system. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2013, 1831, 20-32. | 2.4 | 209 |
| 4 | Biological roles of lysophospholipid receptors revealed by genetic null mice: An update. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2008, 1781, 531-539. | 2.4 | 113 |
| 5 | Sphingosine 1-phosphate receptor subtype 3 (S1P3) contributes to brain injury after transient focal cerebral ischemia via modulating microglial activation and their M1 polarization. Journal of Neuroinflammation, 2018, 15, 284. | 7.2 | 86 |
| 6 | Neuroprotective Effect of 6-Paradol in Focal Cerebral Ischemia Involves the Attenuation of Neuroinflammatory Responses in Activated Microglia. PLoS ONE, 2015, 10, e0120203. | 2.5 | 78 |
| 7 | Activation of Glucagon-Like Peptide-1 Receptor Promotes Neuroprotection in Experimental Autoimmune Encephalomyelitis by Reducing Neuroinflammatory Responses. Molecular Neurobiology, 2018, 55, 3007-3020. | 4.0 | 73 |
| 8 | Matrix Metalloproteinase-8 Plays a Pivotal Role in Neuroinflammation by Modulating TNF- α Activation. Journal of Immunology, 2014, 193, 2384-2393. | 0.8 | 63 |
| 9 | The complex morphology of reactive astrocytes controlled by fibroblast growth factor signaling. Glia, 2014, 62, 1328-1344. | 4.9 | 60 |
| 10 | Eupatilin exerts neuroprotective effects in mice with transient focal cerebral ischemia by reducing microglial activation. PLoS ONE, 2017, 12, e0171479. | 2.5 | 56 |
| 11 | Neurological S1P signaling as an emerging mechanism of action of oral FTY720 (Fingolimod) in multiple sclerosis. Archives of Pharmacal Research, 2010, 33, 1567-1574. | 6.3 | 54 |
| 12 | Identification of Sphingosine 1-Phosphate Receptor Subtype 1 (S1P1) as a Pathogenic Factor in Transient Focal Cerebral Ischemia. Molecular Neurobiology, 2018, 55, 2320-2332. | 4.0 | 53 |
| 13 | S1P2 contributes to microglial activation and M1 polarization following cerebral ischemia through ERK1/2 and JNK. Scientific Reports, 2019, 9, 12106. | 3.3 | 50 |
| 14 | Exogenous S1P Exposure Potentiates Ischemic Stroke Damage That Is Reduced Possibly by Inhibiting S1P Receptor Signaling. Mediators of Inflammation, 2015, 2015, 1-12. | 3.0 | 40 |
| 15 | Uridine Protects Cortical Neurons from Glucose Deprivation-Induced Death: Possible Role of Uridine Phosphorylase. Journal of Neurotrauma, 2008, 25, 695-707. | 3.4 | 35 |
| 16 | S1P ₁ Regulates M1/M2 Polarization toward Brain Injury after Transient Focal Cerebral Ischemia. Biomolecules and Therapeutics, 2019, 27, 522-529. | 2.4 | 32 |
| 17 | Lysophosphatidic acid receptor 1 (LPA1) plays critical roles in microglial activation and brain damage after transient focal cerebral ischemia. Journal of Neuroinflammation, 2019, 16, 170. | 7.2 | 31 |
| 18 | Neuroprotective Effects of 6-Shogaol and Its Metabolite, 6-Paradol, in a Mouse Model of Multiple Sclerosis. Biomolecules and Therapeutics, 2019, 27, 152-159. | 2.4 | 29 |

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|----|---|-----|-----------|
| 19 | Matrix Metalloproteinase-8 is a Novel Pathogenetic Factor in Focal Cerebral Ischemia. <i>Molecular Neurobiology</i> , 2016, 53, 231-239. | 4.0 | 28 |
| 20 | Identifying lysophosphatidic acid receptor subtype 1 (LPA1) 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. | 2.4 | 27 |
| 21 | <i>Mentha arvensis</i> Essential Oil Exerts Anti-Inflammatory in LPS-Stimulated Inflammatory Responses via Inhibition of ERK/NF- κ B Signaling Pathway and Anti-Atopic Dermatitis-like Effects in 2,4-Dinitrochlorobezene-Induced BALB/c Mice. <i>Antioxidants</i> , 2021, 10, 1941. | 5.1 | 26 |
| 22 | Lysophosphatidic Acid Receptor 5 Contributes to Imiquimod-Induced Psoriasis-Like Lesions through NLRP3 Inflammasome Activation in Macrophages. <i>Cells</i> , 2020, 9, 1753. | 4.1 | 25 |
| 23 | Sphingosine 1-Phosphate Receptor 4 Promotes Nonalcoholic Steatohepatitis by Activating NLRP3 Inflammasome. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2022, 13, 925-947. | 4.5 | 22 |
| 24 | Control of JNK for an activation of NADPH oxidase in LPS-stimulated BV2 microglia. <i>Archives of Pharmacal Research</i> , 2012, 35, 709-715. | 6.3 | 19 |
| 25 | Danshensu attenuates scopolamine and amyloid- β 2-induced cognitive impairments through the activation of PKA-CREB signaling in mice. <i>Neurochemistry International</i> , 2019, 131, 104537. | 3.8 | 19 |
| 26 | Glucose deprivation increases hydrogen peroxide level in immunostimulated rat primary astrocytes. <i>Journal of Neuroscience Research</i> , 2004, 75, 722-731. | 2.9 | 18 |
| 27 | Lysophosphatidic Acid Receptor 5 Plays a Pathogenic Role in Brain Damage after Focal Cerebral Ischemia by Modulating Neuroinflammatory Responses. <i>Cells</i> , 2020, 9, 1446. | 4.1 | 17 |
| 28 | Uridine prevents the glucose deprivation-induced death of immunostimulated astrocytes via the action of uridine phosphorylase. <i>Neuroscience Research</i> , 2006, 56, 111-118. | 1.9 | 16 |
| 29 | Sphingosine 1-Phosphate Receptors in Cerebral Ischemia. <i>NeuroMolecular Medicine</i> , 2021, 23, 211-223. | 3.4 | 14 |
| 30 | Regulation of neuroinflammation by matrix metalloproteinase-8 inhibitor derivatives in activated microglia and astrocytes. <i>Oncotarget</i> , 2017, 8, 78677-78690. | 1.8 | 14 |
| 31 | Oleanolic Acid Provides Neuroprotection against Ischemic Stroke through the Inhibition of Microglial Activation and NLRP3 Inflammasome Activation. <i>Biomolecules and Therapeutics</i> , 2022, 30, 55-63. | 2.4 | 14 |
| 32 | NLRP3 Inflammasome Activation Is Involved in LPA1-Mediated Brain Injury after Transient Focal Cerebral Ischemia. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8595. | 4.1 | 12 |
| 33 | Proteinase 3 Induces Neuronal Cell Death Through Microglial Activation. <i>Neurochemical Research</i> , 2015, 40, 2242-2251. | 3.3 | 11 |
| 34 | <i>Dracocephalum moldavica</i> attenuates scopolamine-induced cognitive impairment through activation of hippocampal ERK-CREB signaling in mice. <i>Journal of Ethnopharmacology</i> , 2020, 253, 112651. | 4.1 | 11 |
| 35 | Potential Therapeutic Approaches through Modulating the Autophagy Process for Skin Barrier Dysfunction. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7869. | 4.1 | 11 |
| 36 | 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, 810-815. | 6.3 | 10 |

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|----|---|-----|-----------|
| 37 | Brain energy metabolism and multiple sclerosis: progress and prospects. Archives of Pharmacal Research, 2020, 43, 1017-1030. | 6.3 | 10 |
| 38 | Akt and calcium-permeable AMPA receptor are involved in the effect of pinoresinol on amyloid β -induced synaptic plasticity and memory deficits. Biochemical Pharmacology, 2021, 184, 114366. | 4.4 | 10 |
| 39 | BMS-986020, a Specific LPA1 Antagonist, Provides Neuroprotection against Ischemic Stroke in Mice. Antioxidants, 2020, 9, 1097. | 5.1 | 9 |
| 40 | Role of Nitric Oxide and Protein S-Nitrosylation in Ischemia-Reperfusion Injury. Antioxidants, 2022, 11, 57. | 5.1 | 9 |
| 41 | S1P/S1P2 Signaling Axis Regulates Both NLRP3 Upregulation and NLRP3 Inflammasome Activation in Macrophages Primed with Lipopolysaccharide. Antioxidants, 2021, 10, 1706. | 5.1 | 8 |
| 42 | Roles of GABAA receptor α 5 subunit on locomotion and working memory in transient forebrain ischemia in mice. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2020, 102, 109962. | 4.8 | 6 |
| 43 | REDD1 Is Involved in Amyloid β -Induced Synaptic Dysfunction and Memory Impairment. International Journal of Molecular Sciences, 2020, 21, 9482. | 4.1 | 5 |
| 44 | Receptor for Advanced Glycation End Products Is Involved in LPA5-Mediated Brain Damage after a Transient Ischemic Stroke. Life, 2021, 11, 80. | 2.4 | 4 |
| 45 | Inhibition of LPA5 Activity Provides Long-Term Neuroprotection in Mice with Brain Ischemic Stroke. Biomolecules and Therapeutics, 2020, 28, 512-518. | 2.4 | 3 |
| 46 | Molecular Interactions between Two LMP2A PY Motifs of EBV and WW Domains of E3 Ubiquitin Ligase AIP4. Life, 2021, 11, 379. | 2.4 | 2 |
| 47 | Role of extracellular signal-regulated kinase in rubrofusarin-enhanced cognitive functions and neurite outgrowth. Biomedicine and Pharmacotherapy, 2022, 147, 112663. | 5.6 | 2 |