

Joo-Yong Lee

List of Publications by Year in descending order

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35
papers

2,381
citations

236925

25
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345221

36
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38
all docs

38
docs citations

38
times ranked

3417
citing authors

#	ARTICLE	IF	CITATIONS
1	Diverse Genetic Landscape of Suspected Retinitis Pigmentosa in a Large Korean Cohort. <i>Genes</i> , 2021, 12, 675.	2.4	10
2	Clinical Characteristics Associated with the Development of Cystoid Macular Edema in Patients with Cytomegalovirus Retinitis. <i>Microorganisms</i> , 2021, 9, 1114.	3.6	3
3	Epigenetic regulation of miR-29a/miR-30c/DNMT3A axis controls SOD2 and mitochondrial oxidative stress in human mesenchymal stem cells. <i>Redox Biology</i> , 2020, 37, 101716.	9.0	34
4	Associative Interactions among Zinc, Apolipoprotein E, and Amyloid- β^2 in the Amyloid Pathology. <i>International Journal of Molecular Sciences</i> , 2020, 21, 802.	4.1	12
5	Minimalistic Principles for Designing Small Molecules with Multiple Reactivities against Pathological Factors in Dementia. <i>Journal of the American Chemical Society</i> , 2020, 142, 8183-8193.	13.7	23
6	Contribution of Zinc-Dependent Delayed Calcium Influx via TRPC5 in Oxidative Neuronal Death and its Prevention by Novel TRPC Antagonist. <i>Molecular Neurobiology</i> , 2019, 56, 2822-2835.	4.0	20
7	<i>N</i> -(2-Diacetyl-4-phenylenediamine restores microglial phagocytosis and improves cognitive defects in Alzheimer's disease transgenic mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 23426-23436.	7.1	34
8	Clusterin contributes to early stage of Alzheimer's disease pathogenesis. <i>Brain Pathology</i> , 2019, 29, 217-231.	4.1	37
9	Association of metals with the risk and clinical characteristics of Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2018, 55, 117-121.	2.2	29
10	Superior Efficacy and Selectivity of Novel Small-Molecule Kinase Inhibitors of T790M-Mutant EGFR in Preclinical Models of Lung Cancer. <i>Cancer Research</i> , 2017, 77, 1200-1211.	0.9	11
11	Inhibition of Drp1 Ameliorates Synaptic Depression, A β^2 Deposition, and Cognitive Impairment in an Alzheimer's Disease Model. <i>Journal of Neuroscience</i> , 2017, 37, 5099-5110.	3.6	176
12	Alpha-synuclein in gastric and colonic mucosa in Parkinson's disease: Limited role as a biomarker. <i>Movement Disorders</i> , 2016, 31, 241-249.	3.9	69
13	Structure-mechanism-based engineering of chemical regulators targeting distinct pathological factors in Alzheimer's disease. <i>Nature Communications</i> , 2016, 7, 13115.	12.8	80
14	Disparate roles of zinc in chemical hypoxia-induced neuronal death. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 1.	3.7	232
15	Impacts of aging and amyloid- β^2 deposition on plasminogen activators and plasminogen activator inhibitor-1 in the Tg2576 mouse model of Alzheimer's disease. <i>Brain Research</i> , 2015, 1597, 159-167.	2.2	29
16	Indomethacin preconditioning induces ischemic tolerance by modifying zinc availability in the brain. <i>Neurobiology of Disease</i> , 2015, 81, 186-195.	4.4	7
17	p1 promotes neuronal death in stroke by stabilizing Notch intracellular domain. <i>Annals of Neurology</i> , 2015, 77, 504-516.	5.3	58
18	Combination Treatment of Renal Cell Carcinoma with Belinostat and 5-Fluorouracil: A Role for Oxidative Stress Induced DNA Damage and HSP90 Regulated Thymidine Synthase. <i>Journal of Urology</i> , 2015, 193, 1660-1668.	0.4	19

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19	A rationally designed small molecule for identifying an in vivo link between metal-amyloid- β^2 complexes and the pathogenesis of Alzheimer's disease. <i>Chemical Science</i> , 2015, 6, 1879-1886.	7.4	60
20	A Redox-Active, Compact Molecule for Cross-Linking Amyloidogenic Peptides into Nontoxic, Off-Pathway Aggregates: In Vitro and In Vivo Efficacy and Molecular Mechanisms. <i>Journal of the American Chemical Society</i> , 2015, 137, 14785-14797.	13.7	65
21	Tissue plasminogen activator arrests Alzheimer's disease pathogenesis. <i>Neurobiology of Aging</i> , 2014, 35, 511-519.	3.1	40
22	Alteration of the Cerebral Zinc Pool in a Mouse Model of Alzheimer Disease. <i>Journal of Neuropathology and Experimental Neurology</i> , 2012, 71, 211-222.	1.7	34
23	Ibudilast, a phosphodiesterase inhibitor with anti-inflammatory activity, protects against ischemic brain injury in rats. <i>Brain Research</i> , 2012, 1431, 97-106.	2.2	29
24	Dependence of the histofluorescently reactive zinc pool on zinc transporter-3 in the normal brain. <i>Brain Research</i> , 2011, 1418, 12-22.	2.2	43
25	Apolipoprotein E ablation decreases synaptic vesicular zinc in the brain. <i>BioMetals</i> , 2010, 23, 1085-1095.	4.1	21
26	Cytosolic labile zinc accumulation in degenerating dopaminergic neurons of mouse brain after MPTP treatment. <i>Brain Research</i> , 2009, 1286, 208-214.	2.2	33
27	Upregulation of tPA/plasminogen proteolytic system in the periphery of amyloid deposits in the Tg2576 mouse model of Alzheimer's disease. <i>Neuroscience Letters</i> , 2007, 423, 82-87.	2.1	32
28	Cytosolic labile zinc: a marker for apoptosis in the developing rat brain. <i>European Journal of Neuroscience</i> , 2006, 23, 435-442.	2.6	18
29	Neuronal Zinc Exchange with the Blood Vessel Wall Promotes Cerebral Amyloid Angiopathy in an Animal Model of Alzheimer's Disease. <i>Journal of Neuroscience</i> , 2004, 24, 3453-3459.	3.6	135
30	Estrogen Decreases Zinc Transporter 3 Expression and Synaptic Vesicle Zinc Levels in Mouse Brain. <i>Journal of Biological Chemistry</i> , 2004, 279, 8602-8607.	3.4	80
31	Induction of pro-apoptotic calsenilin/DREAM/KChIP3 in Alzheimer's disease and cultured neurons after amyloid- β^2 exposure. <i>Journal of Neurochemistry</i> , 2004, 88, 1570-1570.	3.9	31
32	The lipophilic metal chelator DP-109 reduces amyloid pathology in brains of human β^2 -amyloid precursor protein transgenic mice. <i>Neurobiology of Aging</i> , 2004, 25, 1315-1321.	3.1	196
33	Zinc released from metallothionein-iii may contribute to hippocampal CA1 and thalamic neuronal death following acute brain injury. <i>Experimental Neurology</i> , 2003, 184, 337-347.	4.1	150
34	Contribution by synaptic zinc to the gender-disparate plaque formation in human Swedish mutant APP transgenic mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 7705-7710.	7.1	409
35	Histochemically Reactive Zinc in Plaques of the Swedish Mutant β^2 -Amyloid Precursor Protein Transgenic Mice. <i>Journal of Neuroscience</i> , 1999, 19, RC10-RC10.	3.6	116