

Joong-Sun Kim

List of Publications by Year in descending order

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75
papers

1,384
citations

361413

20
h-index

395702

33
g-index

75
all docs

75
docs citations

75
times ranked

1931
citing authors

#	ARTICLE	IF	CITATIONS
1	Melatonin attenuates neutrophil inflammation and mucus secretion in cigarette smoke-induced chronic obstructive pulmonary diseases via the suppression of Erk1/2 signaling. <i>Journal of Pineal Research</i> , 2015, 58, 50-60.	7.4	97
2	Transient Impairment of Hippocampus-dependent Learning and Memory in Relatively Low-Dose of Acute Radiation Syndrome is Associated with Inhibition of Hippocampal Neurogenesis. <i>Journal of Radiation Research</i> , 2008, 49, 517-526.	1.6	82
3	Neurotoxicity of methotrexate to hippocampal cells in vivo and in vitro. <i>Biochemical Pharmacology</i> , 2011, 82, 72-80.	4.4	62
4	Baicalein inhibits agonist- and tumor cell-induced platelet aggregation while suppressing pulmonary tumor metastasis via cAMP-mediated VASP phosphorylation along with impaired MAPKs and PI3K-Akt activation. <i>Biochemical Pharmacology</i> , 2014, 92, 251-265.	4.4	58
5	Differences in immunoreactivities of Ki-67 and doublecortin in the adult hippocampus in three strains of mice. <i>Acta Histochemica</i> , 2009, 111, 150-156.	1.8	49
6	Cranial irradiation regulates CREB-BDNF signaling and variant BDNF transcript levels in the mouse hippocampus. <i>Neurobiology of Learning and Memory</i> , 2015, 121, 12-19.	1.9	48
7	Plasminogen activator inhibitor-1 enhances radioresistance and aggressiveness of non-small cell lung cancer cells. <i>Oncotarget</i> , 2016, 7, 23961-23974.	1.8	45
8	Melatonin reduces airway inflammation in ovalbumin-induced asthma. <i>Immunobiology</i> , 2014, 219, 901-908.	1.9	44
9	Hippocampal dysfunction during the chronic phase following a single exposure to cranial irradiation. <i>Experimental Neurology</i> , 2014, 254, 134-144.	4.1	43
10	Inhibition of cytochrome P450 2J2 by tanshinone IIA induces apoptotic cell death in hepatocellular carcinoma HepG2 cells. <i>European Journal of Pharmacology</i> , 2015, 764, 480-488.	3.5	42
11	Korean Red Ginseng saponin fraction modulates radiation effects on lipopolysaccharide-stimulated nitric oxide production in RAW264.7 macrophage cells. <i>Journal of Ginseng Research</i> , 2014, 38, 208-214.	5.7	38
12	Genistein Mitigates Radiation-induced Testicular Injury. <i>Phytotherapy Research</i> , 2012, 26, 1119-1125.	5.8	36
13	Structural Plasticity of the Hippocampus in Neurodegenerative Diseases. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3349.	4.1	34
14	Attenuating effects of Granulocyte-colony stimulating factor (G-CSF) in radiation induced intestinal injury in mice. <i>Food and Chemical Toxicology</i> , 2012, 50, 3174-3180.	3.6	29
15	Melatonin suppresses fibrotic responses induced by cigarette smoke via downregulation of TGF-β1. <i>Oncotarget</i> , 2017, 8, 95692-95703.	1.8	29
16	Differential patterns of nestin and glial fibrillary acidic protein expression in mouse hippocampus during postnatal development. <i>Journal of Veterinary Science</i> , 2011, 12, 1.	1.3	25
17	Scrophularia buergeriana attenuates allergic inflammation by reducing NF-κB activation. <i>Phytomedicine</i> , 2020, 67, 153159.	5.3	24
18	Immunohistochemical analysis of cAMP response element-binding protein in mouse testis during postnatal development and spermatogenesis. <i>Histochemistry and Cell Biology</i> , 2009, 131, 501-507.	1.7	23

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19	The ameliorative effect of silibinin against radiation-induced lung injury: protection of normal tissue without decreasing therapeutic efficacy in lung cancer. <i>BMC Pulmonary Medicine</i> , 2015, 15, 68.	2.0	22
20	Silibinin Inhibits Neutrophilic Inflammation and Mucus Secretion Induced by Cigarette Smoke via Suppression of ERK–SP1 Pathway. <i>Phytotherapy Research</i> , 2016, 30, 1926-1936.	5.8	22
21	Pharmacological Effects of <i>Agastache rugosa</i> against Gastritis Using a Network Pharmacology Approach. <i>Biomolecules</i> , 2020, 10, 1298.	4.0	22
22	Sodium butyrate prevents radiation-induced cognitive impairment by restoring pCREB/BDNF expression. <i>Neural Regeneration Research</i> , 2019, 14, 1530.	3.0	22
23	In vitro and in vivo protective effects of granulocyte colony-stimulating factor against radiation-induced intestinal injury. <i>Archives of Pharmacal Research</i> , 2013, 36, 1252-1261.	6.3	20
24	4-Hydroxycinnamic acid protects mice from cigarette smoke-induced pulmonary inflammation via MAPK pathways. <i>Food and Chemical Toxicology</i> , 2017, 110, 151-155.	3.6	20
25	Silibinin attenuates radiation-induced intestinal fibrosis and reverses epithelial-to-mesenchymal transition. <i>Oncotarget</i> , 2017, 8, 69386-69397.	1.8	20
26	Silibinin Attenuates Silica Dioxide Nanoparticles-Induced Inflammation by Suppressing TXNIP/MAPKs/AP-1 Signaling. <i>Cells</i> , 2020, 9, 678.	4.1	19
27	In vitro evaluation of <i>Cordyceps militaris</i> as a potential radioprotective agent. <i>International Journal of Molecular Medicine</i> , 2014, 34, 1349-1357.	4.0	18
28	Copper oxide nanoparticles induce collagen deposition via TGF- β 1/Smad3 signaling in human airway epithelial cells. <i>Nanotoxicology</i> , 2018, 12, 239-250.	3.0	18
29	Protective Effects of <i>Peucedanum japonicum</i> Extract against Osteoarthritis in an Animal Model Using a Combined Systems Approach for Compound-Target Prediction. <i>Nutrients</i> , 2018, 10, 754.	4.1	18
30	Neuroprotective Effect of <i>Protactia brevitarsis seulensis</i> ¹77; Water Extract on Trimethyltin-Induced Seizures and Hippocampal Neurodegeneration. <i>International Journal of Molecular Sciences</i> , 2021, 22, 679.	4.1	18
31	Neurobiological toxicity of radiation in hippocampal cells. <i>Histology and Histopathology</i> , 2013, 28, 301-10.	0.7	18
32	Continuous Exposure to Low-Dose-Rate Gamma Irradiation Reduces Airway Inflammation in Ovalbumin-Induced Asthma. <i>PLoS ONE</i> , 2015, 10, e0143403.	2.5	17
33	Protective effect of butylated hydroxyanisole against hydrogen peroxide-induced apoptosis in primary cultured mouse hepatocytes. <i>Journal of Veterinary Science</i> , 2015, 16, 17.	1.3	15
34	Granulocyte-colony stimulating factor ameliorates irradiation-induced suppression of hippocampal neurogenesis in adult mice. <i>Neuroscience Letters</i> , 2010, 486, 43-46.	2.1	14
35	A study of the effect of sequential injection of 5-androstenediol on irradiation-induced myelosuppression in mice. <i>Archives of Pharmacal Research</i> , 2015, 38, 1213-1222.	6.3	14
36	Effects of <i>Dipsacus asperoides</i> Extract on Monosodium Iodoacetate¹77;Induced Osteoarthritis in Rats Based on Gene Expression Profiling. <i>Frontiers in Pharmacology</i> , 2021, 12, 615157.	3.5	14

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37	Protective effects of <i>Phlomis umbrosa</i> extract on a monosodium iodoacetate-induced osteoarthritis model and prediction of molecular mechanisms using transcriptomics. <i>Phytomedicine</i> , 2021, 81, 153429.	5.3	13
38	Effects of larval extracts from identified <i>Protaetia brevitarsis seulensis</i> against benign prostatic hyperplasia induced by testosterone in rats. <i>Food Science and Nutrition</i> , 2021, 9, 5361-5369.	3.4	13
39	γ -irradiation (166Ho patch)-induced skin injury in mini-pigs: effects on NF- κ B and COX-2 expression in the skin. <i>Journal of Veterinary Science</i> , 2015, 16, 1.	1.3	11
40	Administration of granulocyte colony-stimulating factor with radiotherapy promotes tumor growth by stimulating vascularization in tumor-bearing mice. <i>Oncology Reports</i> , 2015, 34, 147-154.	2.6	11
41	Possible involvement of hippocampal immediate-early genes in contextual fear memory deficit induced by cranial irradiation. <i>Neurobiology of Learning and Memory</i> , 2016, 133, 19-29.	1.9	10
42	Purification of small molecule-induced cardiomyocytes from human induced pluripotent stem cells using a reporter system. <i>Journal of Cellular Physiology</i> , 2017, 232, 3384-3395.	4.1	10
43	Silicon Dioxide Nanoparticles Enhance Endotoxin-Induced Lung Injury in Mice. <i>Molecules</i> , 2018, 23, 2247.	3.8	10
44	Therapeutic Effect of <i>Dipsacus asperoides</i> C. Y. Cheng et T. M. Ai in Ovalbumin-Induced Murine Model of Asthma. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1855.	4.1	10
45	Protective Effect of Administered Rolipram against Radiation-Induced Testicular Injury in Mice. <i>World Journal of Men's Health</i> , 2015, 33, 20.	3.3	9
46	Role of cytochrome P450 2J2 on cell proliferation and resistance to an anticancer agent in hepatocellular carcinoma HepG2 cells. <i>Oncology Letters</i> , 2017, 14, 5484-5490.	1.8	9
47	Pine bark extract (Pycnogenol [®]) suppresses cigarette smoke-induced fibrotic response via transforming growth factor- β 1/Smad family member 2/3 signaling. <i>Laboratory Animal Research</i> , 2017, 33, 76.	2.5	9
48	Safflower Seed Extract Attenuates the Development of Osteoarthritis by Blocking NF- κ B Signaling. <i>Pharmaceuticals</i> , 2021, 14, 258.	3.8	9
49	Geranylgeranylacetone alleviates radiation-induced lung injury by inhibiting epithelial-to-mesenchymal transition signaling. <i>Molecular Medicine Reports</i> , 2016, 13, 4666-4670.	2.4	8
50	Changes in epigenetic markers, DNMT1 and HDAC1/2, in the adult mouse hippocampus after cranial irradiation. <i>Neuroscience Letters</i> , 2017, 657, 113-119.	2.1	8
51	Chemical Constituents of the Egg Cases of <i>Tenodera angustipennis</i> (Mantid ootheca) with Intracellular Reactive Oxygen Species Scavenging Activity. <i>Biomolecules</i> , 2021, 11, 556.	4.0	8
52	Promotion of cAMP Responsive Element-Binding Protein Activity Ameliorates Radiation-Induced Suppression of Hippocampal Neurogenesis in Adult Mice. <i>Toxicological Research</i> , 2010, 26, 177-183.	2.1	8
53	Treatment with granulocyte colony-stimulating factor aggravates thrombocytopenia in irradiated mice. <i>Molecular and Cellular Toxicology</i> , 2014, 10, 311-317.	1.7	7
54	Effects of <i>Dipsacus asperoides</i> and <i>Phlomis umbrosa</i> Extracts in a Rat Model of Osteoarthritis. <i>Plants</i> , 2021, 10, 2030.	3.5	7

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55	Anti-asthmatic effects of <i>Phlomis umbrosa</i> Turczaninow using ovalbumin induced asthma murine model and network pharmacology analysis. <i>Biomedicine and Pharmacotherapy</i> , 2022, 145, 112410.	5.6	7
56	Differential Effects of Low and High Radiation Dose Rates on Mouse Spermatogenesis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12834.	4.1	7
57	Radiation-induced eosinophilic, polymorphic, and pruritic eruption in a pig skin model. <i>Laboratory Animal Research</i> , 2015, 31, 204.	2.5	6
58	Two-Week Repeated Oral Dose Toxicity Study of <i>Mantidis Ootheca</i> Water Extract in C57BL/6 Mice. <i>Evidence-based Complementary and Alternative Medicine</i> , 2019, 2019, 1-6.	1.2	6
59	Gekko gecko extract attenuates airway inflammation and mucus hypersecretion in a murine model of ovalbumin-induced asthma. <i>Journal of Ethnopharmacology</i> , 2022, 282, 114574.	4.1	6
60	Temporal profiles of synaptic plasticity-related signals in adult mouse hippocampus with methotrexate treatment. <i>Neural Regeneration Research</i> , 2012, 7, 1651-8.	3.0	5
61	Melatonin Alleviates Silica Nanoparticle-Induced Lung Inflammation via Thioredoxin-Interacting Protein Downregulation. <i>Antioxidants</i> , 2021, 10, 1765.	5.1	5
62	The expression and localization of inhibin isoforms in mouse testis during postnatal development. <i>Journal of Veterinary Science</i> , 2008, 9, 345.	1.3	4
63	Role of <i>Semisulcospira gottschei</i> extract as medicinal food on reflux esophagitis in rats. <i>Food Science and Nutrition</i> , 2021, 9, 3114-3122.	3.4	4
64	Influence of Local Myocardial Infarction on Endothelial Function, Neointimal Progression, and Inflammation in Target and Non-Target Vascular Territories in a Porcine Model of Acute Myocardial Infarction. <i>Journal of Korean Medical Science</i> , 2019, 34, e145.	2.5	4
65	Strain-dependent Differences of Locomotor Activity and Hippocampus-dependent Learning and Memory in Mice. <i>Toxicological Research</i> , 2008, 24, 183-188.	2.1	4
66	Protective Effects of <i>Scolopendra</i> Water Extract on Trimethyltin-Induced Hippocampal Neurodegeneration and Seizures in Mice. <i>Brain Sciences</i> , 2019, 9, 369.	2.3	3
67	Three <i>Scrophularia</i> Species (<i>Scrophularia buergeriana</i> , <i>S. koraiensis</i> , and <i>S. takesimensis</i>) Inhibit RANKL-Induced Osteoclast Differentiation in Bone Marrow-Derived Macrophages. <i>Plants</i> , 2020, 9, 1656.	3.5	3
68	Neuroprotective effect of <i>Geijigadaehwang-tang</i> against trimethyltin-induced hippocampal neurodegeneration: An in vitro and in vivo study. <i>Journal of Ethnopharmacology</i> , 2022, 296, 115451.	4.1	3
69	Celecoxib, a selective cyclooxygenase-2 inhibitor, aggravates radiation-induced intestinal damage in mice. <i>Journal of Biomedical Translational Research</i> , 2021, 22, 12-18.	0.1	2
70	The Involvement of PDE4 in the Protective Effects of Melatonin on Cigarette-Smoke-Induced Chronic Obstructive Pulmonary Disease. <i>Molecules</i> , 2021, 26, 6588.	3.8	2
71	Histology and lectin histochemistry in the vomeronasal organ of Korean native cattle, <i>Bos taurus coreanae</i> . <i>Journal of Animal Reproduction and Biotechnology</i> , 2021, 36, 270-284.	0.6	2
72	Morphometric Analysis of Tibial Bone in Three Strains of Mice Using Micro-computed Tomography. <i>Laboratory Animal Research</i> , 2010, 26, 315.	2.5	1

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73	Effect of Novel Polymer-Free Nitrogen-Doped Titanium Dioxide Filmâ€“Coated Coronary Stent Loaded With Mycophenolic Acid. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 650408.	4.1	1
74	Celecoxib, a selective cyclooxygenase-2 inhibitor, aggravates radiation-induced intestinal damage in mice. <i>Journal of Biomedical Translational Research</i> , 2021, 22, 12-18.	0.1	0
75	The potential of earthworm and its components as a therapeutic agent for neuronal damage. <i>Journal of Biomedical Translational Research</i> , 2018, 19, 58-64.	0.1	0