

In-Chul Lee

List of Publications by Year in descending order

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46
papers

1,229
citations

361413

20
h-index

395702

33
g-index

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docs citations

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times ranked

2072
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#	ARTICLE	IF	CITATIONS
1	The involvement of Nrf2 in the protective effects of diallyl disulfide on carbon tetrachloride-induced hepatic oxidative damage and inflammatory response in rats. <i>Food and Chemical Toxicology</i> , 2014, 63, 174-185.	3.6	103
2	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
3	Comparative toxicity and biodistribution assessments in rats following subchronic oral exposure to copper nanoparticles and microparticles. <i>Particle and Fibre Toxicology</i> , 2016, 13, 56.	6.2	75
4	Comparative toxicity and biodistribution of copper nanoparticles and cupric ions in rats. <i>International Journal of Nanomedicine</i> , 2016, 11, 2883.	6.7	69
5	Copper oxide nanoparticles aggravate airway inflammation and mucus production in asthmatic mice via MAPK signaling. <i>Nanotoxicology</i> , 2016, 10, 445-452.	3.0	69
6	Mechanism for the protective effect of diallyl disulfide against cyclophosphamide acute urotoxicity in rats. <i>Food and Chemical Toxicology</i> , 2014, 64, 110-118.	3.6	61
7	Melatonin attenuates gentamicin-induced nephrotoxicity and oxidative stress in rats. <i>Archives of Toxicology</i> , 2012, 86, 1527-1536.	4.2	54
8	Protective effects of diallyl disulfide against acetaminophen-induced nephrotoxicity: A possible role of CYP2E1 and NF- κ B. <i>Food and Chemical Toxicology</i> , 2017, 102, 156-165.	3.6	54
9	Native High-Density Lipoproteins (HDL) with Higher Paraoxonase Exerts a Potent Antiviral Effect against SARS-CoV-2 (COVID-19), While Glycated HDL Lost the Antiviral Activity. <i>Antioxidants</i> , 2021, 10, 209.	5.1	44
10	Protective effects of pine bark extract against cisplatin-induced hepatotoxicity and oxidative stress in rats. <i>Laboratory Animal Research</i> , 2014, 30, 174.	2.5	39
11	Protective effects of diallyl disulfide on carbon tetrachloride-induced hepatotoxicity through activation of Nrf2. <i>Environmental Toxicology</i> , 2015, 30, 538-548.	4.0	34
12	Protective effect and mechanism of action of diallyl disulfide against acetaminophen-induced acute hepatotoxicity. <i>Food and Chemical Toxicology</i> , 2017, 109, 28-37.	3.6	32
13	Silibinin inhibits the fibrotic responses induced by cigarette smoke via suppression of TGF- β 1/Smad 2/3 signaling. <i>Food and Chemical Toxicology</i> , 2017, 106, 424-429.	3.6	30
14	Evaluation of 2-week repeated oral dose toxicity of 100 nm zinc oxide nanoparticles in rats. <i>Laboratory Animal Research</i> , 2015, 31, 139.	2.5	29
15	Melatonin attenuates cisplatin-induced acute kidney injury in rats via induction of anti-aging protein, Klotho. <i>Food and Chemical Toxicology</i> , 2019, 129, 201-210.	3.6	29
16	Silver nanoparticles induce apoptotic cell death in cultured cerebral cortical neurons. <i>Molecular and Cellular Toxicology</i> , 2014, 10, 173-179.	1.7	27
17	Protective effect of diallyl disulfide on cyclophosphamide-induced testicular toxicity in rats. <i>Laboratory Animal Research</i> , 2013, 29, 204.	2.5	26
18	Copper oxide nanoparticle induces inflammatory response and mucus production via MAPK signaling in human bronchial epithelial cells. <i>Environmental Toxicology and Pharmacology</i> , 2016, 43, 21-26.	4.0	23

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19	Design, synthesis, and evaluation of curcumin analogues as potential inhibitors of bacterial sialidase. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2018, 33, 1256-1265.	5.2	23
20	Melamine and cyanuric acid co-exposure causes renal dysfunction and structural damage via MAPKs and mitochondrial signaling. <i>Food and Chemical Toxicology</i> , 2016, 96, 254-262.	3.6	21
21	Copper nanoparticles induce early fibrotic changes in the liver via TGF- β /Smad signaling and cause immunosuppressive effects in rats. <i>Nanotoxicology</i> , 2018, 12, 637-651.	3.0	21
22	Silibinin Attenuates Silica Dioxide Nanoparticles-Induced Inflammation by Suppressing TXNIP/MAPKs/AP-1 Signaling. <i>Cells</i> , 2020, 9, 678.	4.1	19
23	Effect of diallyl disulfide on acute gastric mucosal damage induced by alcohol in rats. <i>Human and Experimental Toxicology</i> , 2015, 34, 227-239.	2.2	18
24	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
25	Protective effects of garlic oil against 1,3-dichloro-2-propanol-induced hepatotoxicity: role of CYP2E1 and MAPKs. <i>Molecular and Cellular Toxicology</i> , 2016, 12, 185-195.	1.7	16
26	Ameliorative effects of pine bark extract on cisplatin-induced acute kidney injury in rats. <i>Renal Failure</i> , 2017, 39, 363-371.	2.1	16
27	Role of mitogen-activated protein kinases and nuclear factor-kappa B in 1,3-dichloro-2-propanol-induced hepatic injury. <i>Laboratory Animal Research</i> , 2016, 32, 24.	2.5	15
28	<i>Lindera obtusiloba</i> Attenuates Oxidative Stress and Airway Inflammation in a Murine Model of Ovalbumin-Challenged Asthma. <i>Antioxidants</i> , 2020, 9, 563.	5.1	15
29	HemoHIM, a herbal preparation, alleviates airway inflammation caused by cigarette smoke and lipopolysaccharide. <i>Laboratory Animal Research</i> , 2017, 33, 40.	2.5	14
30	Time-course and molecular mechanism of hepatotoxicity induced by 1,3-dichloro-2-propanol in rats. <i>Environmental Toxicology and Pharmacology</i> , 2015, 40, 191-198.	4.0	13
31	Mechanism of protection by diallyl disulfide against cyclophosphamide-induced spermatotoxicity and oxidative stress in rats. <i>Molecular and Cellular Toxicology</i> , 2016, 12, 301-312.	1.7	13
32	<i>Spiraea prunifolia</i> var. <i>simpliciflora</i> Attenuates Oxidative Stress and Inflammatory Responses in a Murine Model of Lipopolysaccharide-Induced Acute Lung Injury and TNF- α -Stimulated NCI-H292 Cells. <i>Antioxidants</i> , 2020, 9, 198.	5.1	12
33	Apoptotic cell death in rat epididymis following epichlorohydrin treatment. <i>Human and Experimental Toxicology</i> , 2013, 32, 640-646.	2.2	10
34	Induction of cytochrome P450 3A1 expression by diallyl disulfide: Protective effects against cyclophosphamide-induced embryo-fetal developmental toxicity. <i>Food and Chemical Toxicology</i> , 2014, 69, 312-319.	3.6	10
35	Lobeglitazone Attenuates Airway Inflammation and Mucus Hypersecretion in a Murine Model of Ovalbumin-Induced Asthma. <i>Frontiers in Pharmacology</i> , 2018, 9, 906.	3.5	10
36	Protective Effects of Pine Bark Extract on Hexavalent Chromium-Induced Dermatotoxicity in Rats. <i>Phytotherapy Research</i> , 2012, 26, 1534-1540.	5.8	9

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37	Ssanghwa-Tang, a traditional herbal formula, suppresses cigarette smoke-induced airway inflammation via inhibition of MMP-9 and Erk signaling. <i>Molecular and Cellular Toxicology</i> , 2017, 13, 295-304.	1.7	9
38	Oleanolic Acid Acetate Alleviates Symptoms of Experimental Autoimmune Encephalomyelitis in Mice by Regulating Toll-Like Receptor 2 Signaling. <i>Frontiers in Pharmacology</i> , 2020, 11, 556391.	3.5	9
39	Effect of heat-killed <i>Enterococcus faecalis</i> EF-2001 on ethanol-induced acute gastric injury in mice: Protective effect of EF-2001 on acute gastric ulcer. <i>Human and Experimental Toxicology</i> , 2020, 39, 721-733.	2.2	9
40	Evaluation of 13-week subchronic toxicity of <i>Platycodon grandiflorus</i> (Jacq.) A.DC. root extract in rats. <i>Journal of Ethnopharmacology</i> , 2021, 267, 113621.	4.1	8
41	Pycnogenol® prevents hexavalent chromium-induced spermatotoxicity in rats. <i>Molecular and Cellular Toxicology</i> , 2012, 8, 249-256.	1.7	7
42	Melatonin improves adriamycin-induced hepatic oxidative damage in rats. <i>Molecular and Cellular Toxicology</i> , 2013, 9, 257-265.	1.7	7
43	<i>Alnus hirsuta</i> (Spach) Rupr. Attenuates Airway Inflammation and Mucus Overproduction in a Murine Model of Ovalbumin-Challenged Asthma. <i>Frontiers in Pharmacology</i> , 2021, 12, 614442.	3.5	6
44	Melatonin Alleviates Silica Nanoparticle-Induced Lung Inflammation via Thioredoxin-Interacting Protein Downregulation. <i>Antioxidants</i> , 2021, 10, 1765.	5.1	5
45	Safety pharmacology of self-assembled-micelle inhibitory RNA-targeting amphiregulin (SAMiRNA-AREG), a novel siRNA nanoparticle platform. <i>Toxicology Reports</i> , 2021, 8, 839-845.	3.3	1
46	Genotoxicity evaluation of self-assembled-micelle inhibitory RNA-targeting amphiregulin (SAMiRNA-AREG), a novel siRNA nanoparticle for the treatment of fibrotic disease. <i>Drug and Chemical Toxicology</i> , 2021, , 1-7.	2.3	0