

Zi Wang

List of Publications by Year in descending order

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papers

1,713
citations

201674

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times ranked

1702
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#	ARTICLE	IF	CITATIONS
1	Ginsenoside Rg5 Ameliorates Cisplatin-Induced Nephrotoxicity in Mice through Inhibition of Inflammation, Oxidative Stress, and Apoptosis. <i>Nutrients</i> , 2016, 8, 566.	4.1	102
2	Maltol Mitigates Thioacetamide-induced Liver Fibrosis through TGF- β 1-mediated Activation of PI3K/Akt Signaling Pathway. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 1392-1401.	5.2	77
3	Ginsenoside Rb3 provides protective effects against cisplatin-induced nephrotoxicity via regulation of AMPK/mTOR-mediated autophagy and inhibition of apoptosis in vitro and in vivo. <i>Cell Proliferation</i> , 2019, 52, e12627.	5.3	74
4	Caspase-Mediated Anti-Apoptotic Effect of Ginsenoside Rg5, a Main Rare Ginsenoside, on Acetaminophen-Induced Hepatotoxicity in Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 9226-9236.	5.2	72
5	The protective effects of maltol on cisplatin-induced nephrotoxicity through the AMPK-mediated PI3K/Akt and p53 signaling pathways. <i>Scientific Reports</i> , 2018, 8, 15922.	3.3	68
6	Supplementation of American ginseng berry extract mitigated cisplatin-evoked nephrotoxicity by suppressing ROS-mediated activation of MAPK and NF- κ B signaling pathways. <i>Food and Chemical Toxicology</i> , 2017, 110, 62-73.	3.6	63
7	Platycodin D isolated from the aerial parts of <i>Platycodon grandiflorum</i> protects alcohol-induced liver injury in mice. <i>Food and Function</i> , 2015, 6, 1418-1427.	4.6	61
8	Arginyl-fructosyl-glucose, a Major Maillard Reaction Product of Red Ginseng, Attenuates Cisplatin-Induced Acute Kidney Injury by Regulating Nuclear Factor κ B and Phosphatidylinositol 3-Kinase/Protein Kinase B Signaling Pathways. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 5754-5763.	5.2	60
9	Ginsenoside Rk1 ameliorates paracetamol-induced hepatotoxicity in mice through inhibition of inflammation, oxidative stress, nitrative stress and apoptosis. <i>Journal of Ginseng Research</i> , 2019, 43, 10-19.	5.7	58
10	Icariin ameliorates cisplatin-induced cytotoxicity in human embryonic kidney 293 cells by suppressing ROS-mediated PI3K/Akt pathway. <i>Biomedicine and Pharmacotherapy</i> , 2019, 109, 2309-2317.	5.6	56
11	Ginsenoside Rg3 promotes regression from hepatic fibrosis through reducing inflammation-mediated autophagy signaling pathway. <i>Cell Death and Disease</i> , 2020, 11, 454.	6.3	54
12	20(R)-ginsenoside Rg3, a rare saponin from red ginseng, ameliorates acetaminophen-induced hepatotoxicity by suppressing PI3K/AKT pathway-mediated inflammation and apoptosis. <i>International Immunopharmacology</i> , 2018, 59, 21-30.	3.8	53
13	Maltol Improves APAP-Induced Hepatotoxicity by Inhibiting Oxidative Stress and Inflammation Response via NF- κ B and PI3K/Akt Signal Pathways. <i>Antioxidants</i> , 2019, 8, 395.	5.1	53
14	NF- κ B and AMPK/PI3K/Akt signaling pathways are involved in the protective effects of <i>Platycodon grandiflorum</i> saponins against acetaminophen-induced acute hepatotoxicity in mice. <i>Phytotherapy Research</i> , 2018, 32, 2235-2246.	5.8	51
15	Anti-Tumor Effect of Steamed <i>Codonopsis lanceolata</i> in H22 Tumor-Bearing Mice and Its Possible Mechanism. <i>Nutrients</i> , 2015, 7, 8294-8307.	4.1	49
16	Ameliorative Effects and Possible Molecular Mechanism of Action of Black Ginseng (<i>Panax ginseng</i>) on Acetaminophen-Mediated Liver Injury. <i>Molecules</i> , 2017, 22, 664.	3.8	49
17	Improvement of Cisplatin-induced renal dysfunction by <i>Schisandra chinensis</i> stems via anti-inflammation and anti-apoptosis effects. <i>Journal of Ethnopharmacology</i> , 2018, 217, 228-237.	4.1	47
18	<i>Platycodon grandiflorum</i> Saponins Ameliorate Cisplatin-Induced Acute Nephrotoxicity through the NF- κ B-Mediated Inflammation and PI3K/Akt/Apoptosis Signaling Pathways. <i>Nutrients</i> , 2018, 10, 1328.	4.1	43

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19	Red ginseng protects against cisplatin-induced intestinal toxicity by inhibiting apoptosis and autophagy via the PI3K/AKT and MAPK signaling pathways. <i>Food and Function</i> , 2020, 11, 4236-4248.	4.6	43
20	The Liver Protection Effects of Maltol, a Flavoring Agent, on Carbon Tetrachloride-Induced Acute Liver Injury in Mice via Inhibiting Apoptosis and Inflammatory Response. <i>Molecules</i> , 2018, 23, 2120.	3.8	40
21	Supplementation of Saponins from Leaves of <i>Panax quinquefolius</i> Mitigates Cisplatin-Evoked Cardiotoxicity via Inhibiting Oxidative Stress-Associated Inflammation and Apoptosis in Mice. <i>Antioxidants</i> , 2019, 8, 347.	5.1	38
22	Alleviative effects of 20(R)-Rg3 on HFD/STZ-induced diabetic nephropathy via MAPK/NF- κ B signaling pathways in C57BL/6 mice. <i>Journal of Ethnopharmacology</i> , 2021, 267, 113500.	4.1	38
23	Platycodin D exerts anti-tumor efficacy in H22 tumor-bearing mice via improving immune function and inducing apoptosis. <i>Journal of Toxicological Sciences</i> , 2016, 41, 417-428.	1.5	37
24	Nephroprotective Effects of Anthocyanin from the Fruits of <i>Panax ginseng</i> (GFA) on Cisplatin-Induced Acute Kidney Injury in Mice. <i>Phytotherapy Research</i> , 2017, 31, 1400-1409.	5.8	36
25	<i>Panax quinquefolium</i> saponins protect against cisplatin evoked intestinal injury via ROS-mediated multiple mechanisms. <i>Phytomedicine</i> , 2021, 82, 153446.	5.3	34
26	Ginsenoside Rg3 and Rh2 protect trimethyltin-induced neurotoxicity via prevention on neuronal apoptosis and neuroinflammation. <i>Phytotherapy Research</i> , 2018, 32, 2531-2540.	5.8	32
27	Rare Ginsenoside 20(R)-Rg3 Inhibits D-Galactose-Induced Liver and Kidney Injury by Regulating Oxidative Stress-Induced Apoptosis. <i>The American Journal of Chinese Medicine</i> , 2020, 48, 1141-1157.	3.8	31
28	Ginsenoside Rb1, A Major Saponin from <i>Panax ginseng</i> , Exerts Protective Effects Against Acetaminophen-Induced Hepatotoxicity in Mice. <i>The American Journal of Chinese Medicine</i> , 2019, 47, 1815-1831.	3.8	30
29	Platycodin D protects acetaminophen-induced hepatotoxicity by inhibiting hepatocyte MAPK pathway and apoptosis in C57BL/6J mice. <i>Biomedicine and Pharmacotherapy</i> , 2018, 107, 867-877.	5.6	28
30	Dietary β -Mangostin Provides Protective Effects against Acetaminophen-Induced Hepatotoxicity in Mice via Akt/mTOR-Mediated Inhibition of Autophagy and Apoptosis. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1335.	4.1	26
31	Improved protective effects of American ginseng berry against acetaminophen-induced liver toxicity through TNF- α -mediated caspase-3/-8/-9 signaling pathways. <i>Phytomedicine</i> , 2018, 51, 128-138.	5.3	21
32	Platycoside N: A New Oleanane-Type Triterpenoid Saponin from the Roots of <i>Platycodon grandiflorum</i> . <i>Molecules</i> , 2010, 15, 8702-8708.	3.8	20
33	Maltol, a Maillard reaction product, exerts anti-tumor efficacy in H22 tumor-bearing mice via improving immune function and inducing apoptosis. <i>RSC Advances</i> , 2015, 5, 101850-101859.	3.6	20
34	Platycodin D suppresses cisplatin-induced cytotoxicity by suppressing ROS-mediated oxidative damage, apoptosis, and inflammation in HEK293 cells. <i>Journal of Biochemical and Molecular Toxicology</i> , 2021, 35, e22624.	3.0	19
35	ISOLATION AND PURIFICATION OF SAPONINS FROM <i>PLATYCODON GRANDIFLORUM</i> BY SEMI-PREPARATIVE HIGH PERFORMANCE LIQUID CHROMATOGRAPHY AND LC/ESI-MS. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2012, 35, 547-557.	1.0	17
36	Protective effects of extracts of <i>Schisandra chinensis</i> stems against acetaminophen-induced hepatotoxicity via regulation of MAPK and caspase-3 signaling pathways. <i>Chinese Journal of Natural Medicines</i> , 2018, 16, 700-713.	1.3	16

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37	Saponins derived from the stems and leaves of <i>Panax ginseng</i> attenuate scrotal heat-induced spermatogenic damage via inhibiting the MAPK mediated oxidative stress and apoptosis in mice. <i>Phytotherapy Research</i> , 2021, 35, 311-323.	5.8	16
38	Endoplasmic Reticulum Stress-Activated PERK-eIF2 α -ATF4 Signaling Pathway is Involved in the Ameliorative Effects of Ginseng Polysaccharides against Cisplatin-Induced Nephrotoxicity in Mice. <i>ACS Omega</i> , 2021, 6, 8958-8966.	3.5	14
39	Platycodon grandiflorum Saponins attenuate scrotal heat-induced spermatogenic damage via inhibition of oxidative stress and apoptosis in mice. <i>Journal of Functional Foods</i> , 2019, 54, 479-488.	3.4	12
40	Maltol, a naturally occurring flavor enhancer, ameliorates cisplatin-induced apoptosis by inhibiting NLRP3 inflammasome activation by modulating ROS-mediated oxidative stress. <i>Journal of Functional Foods</i> , 2022, 94, 105127.	3.4	11
41	Icariin exhibits protective effects on cisplatin-induced cardiotoxicity via ROS-mediated oxidative stress injury in vivo and in vitro. <i>Phytomedicine</i> , 2022, 104, 154331.	5.3	11
42	Maltol mitigates cisplatin-evoked cardiotoxicity via inhibiting the PI3K/Akt signaling pathway in rodents in vivo and in vitro. <i>Phytotherapy Research</i> , 2022, 36, 1724-1735.	5.8	10
43	Protective Effect of 20(R)-Ginsenoside Rg3 Against Cisplatin-Induced Renal Toxicity via PI3K/AKT and NF- κ B Signaling Pathways Based on the Premise of Ensuring Anticancer Effect. <i>The American Journal of Chinese Medicine</i> , 2021, 49, 1739-1756.	3.8	7
44	α -Mangostin, a Dietary Xanthone, Exerts Protective Effects on Cisplatin-Induced Renal Injury via PI3K/Akt and JNK Signaling Pathways in HEK293 Cells. <i>ACS Omega</i> , 2020, 5, 19960-19967.	3.5	4
45	Bioconversion of ginsenoside Rd to ginsenoside M1 by snailase hydrolysis and its enhancement effect on insulin secretion in vitro. <i>Die Pharmazie</i> , 2015, 70, 340-6.	0.5	4
46	The PI3K/Akt and NF- κ B signaling pathways are involved in the protective effects of <i>Lithocarpus polystachyus</i> (sweet tea) on APAP-induced oxidative stress injury in mice. <i>RSC Advances</i> , 2020, 10, 18044-18053.	3.6	1
47	Liquid Chromatography/Mass Spectrometry Analysis and Hepatoprotective Effect of Steamed Platycodi Radix on Acute Alcohol-induced Liver Injury. <i>International Journal of Pharmacology</i> , 2018, 14, 952-962.	0.3	1