

Robert Domitrovic

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

40 papers	1,611 citations	23 h-index	40 g-index
41 ext. papers	1,854 ext. citations	4.6 avg, IF	4.97 L-index

#	Paper	IF	Citations
40	Berberine exerts nephroprotective effect against cisplatin-induced kidney damage through inhibition of oxidative/nitrosative stress, inflammation, autophagy and apoptosis. <i>Food and Chemical Toxicology</i> , 2013 , 62, 397-406	4.7	126
39	Hepatoprotective activity of berberine is mediated by inhibition of TNF- α /COX-2, and iNOS expression in CCl(4)-intoxicated mice. <i>Toxicology</i> , 2011 , 280, 33-43	4.4	126
38	Myricitrin exhibits antioxidant, anti-inflammatory and antifibrotic activity in carbon tetrachloride-intoxicated mice. <i>Chemico-Biological Interactions</i> , 2015 , 230, 21-9	5	115
37	Differential hepatoprotective mechanisms of rutin and quercetin in CCl(4)-intoxicated BALB/cN mice. <i>Acta Pharmacologica Sinica</i> , 2012 , 33, 1260-70	8	89
36	Rosmarinic acid ameliorates acute liver damage and fibrogenesis in carbon tetrachloride-intoxicated mice. <i>Food and Chemical Toxicology</i> , 2013 , 51, 370-8	4.7	88
35	Luteolin ameliorates cisplatin-induced nephrotoxicity in mice through inhibition of platinum accumulation, inflammation and apoptosis in the kidney. <i>Toxicology</i> , 2013 , 310, 115-23	4.4	82
34	Liver fibrosis in mice induced by carbon tetrachloride and its reversion by luteolin. <i>Toxicology and Applied Pharmacology</i> , 2009 , 241, 311-21	4.6	81
33	Renoprotective mechanisms of chlorogenic acid in cisplatin-induced kidney injury. <i>Toxicology</i> , 2014 , 324, 98-107	4.4	69
32	A comprehensive overview of hepatoprotective natural compounds: mechanism of action and clinical perspectives. <i>Archives of Toxicology</i> , 2016 , 90, 39-79	5.8	66
31	Preventive and therapeutic effects of oleuropein against carbon tetrachloride-induced liver damage in mice. <i>Pharmacological Research</i> , 2012 , 65, 451-64	10.2	63
30	Nephroprotective activities of rosmarinic acid against cisplatin-induced kidney injury in mice. <i>Food and Chemical Toxicology</i> , 2014 , 66, 321-8	4.7	62
29	Dose- and time-dependent effects of luteolin on carbon tetrachloride-induced hepatotoxicity in mice. <i>Experimental and Toxicologic Pathology</i> , 2009 , 61, 581-9		56
28	The molecular basis for the pharmacological activity of anthocyanins. <i>Current Medicinal Chemistry</i> , 2011 , 18, 4454-69	4.3	55
27	Antifibrotic activity of Taraxacum officinale root in carbon tetrachloride-induced liver damage in mice. <i>Journal of Ethnopharmacology</i> , 2010 , 130, 569-77	5	47
26	Carvacrol attenuates acute kidney injury induced by cisplatin through suppression of ERK and PI3K/Akt activation. <i>Food and Chemical Toxicology</i> , 2016 , 98, 251-261	4.7	46
25	Oral administration of oleuropein attenuates cisplatin-induced acute renal injury in mice through inhibition of ERK signaling. <i>Molecular Nutrition and Food Research</i> , 2016 , 60, 530-41	5.9	43
24	Chlorogenic acid ameliorates experimental colitis in mice by suppressing signaling pathways involved in inflammatory response and apoptosis. <i>Food and Chemical Toxicology</i> , 2018 , 121, 140-150	4.7	41

23	Antifibrotic activity of anthocyanidin delphinidin in carbon tetrachloride-induced hepatotoxicity in mice. <i>Toxicology</i> , 2010 , 272, 1-10	4.4	38
22	Stevia and stevioside protect against cisplatin nephrotoxicity through inhibition of ERK1/2, STAT3, and NF- κ B activation. <i>Food and Chemical Toxicology</i> , 2017 , 107, 215-225	4.7	36
21	Determination of standard zinc values in the intact tissues of mice by ICP spectrometry. <i>Biological Trace Element Research</i> , 1997 , 57, 91-6	4.5	31
20	Carvacrol induces cytotoxicity in human cervical cancer cells but causes cisplatin resistance: Involvement of MEK-ERK activation. <i>Phytotherapy Research</i> , 2018 , 32, 1090-1097	6.7	27
19	Resolution of liver fibrosis by isoquinoline alkaloid berberine in CCl ₄ -intoxicated mice is mediated by suppression of oxidative stress and upregulation of MMP-2 expression. <i>Journal of Medicinal Food</i> , 2013 , 16, 518-28	2.8	27
18	Oleanolic acid attenuates cisplatin-induced nephrotoxicity in mice and chemosensitizes human cervical cancer cells to cisplatin cytotoxicity. <i>Food and Chemical Toxicology</i> , 2019 , 132, 110676	4.7	25
17	Effects of standardized bilberry fruit extract (Mirtoselect [®]) on resolution of CCl ₄ -induced liver fibrosis in mice. <i>Food and Chemical Toxicology</i> , 2011 , 49, 848-54	4.7	23
16	Luteolin ameliorates experimental colitis in mice through ERK-mediated suppression of inflammation, apoptosis and autophagy. <i>Food and Chemical Toxicology</i> , 2020 , 145, 111680	4.7	22
15	Terminalia bellerica aerial parts ethyl acetate extract exhibits antioxidant, anti-inflammatory and antifibrotic activity in carbon tetrachloride-intoxicated mice. <i>Journal of Functional Foods</i> , 2014 , 8, 319-330	5.1	20
14	Dose- and time-dependent effects of luteolin on liver metallothioneins and metals in carbon tetrachloride-induced hepatotoxicity in mice. <i>Biological Trace Element Research</i> , 2008 , 126, 176-85	4.5	20
13	Antitumor activity of luteolin in human colon cancer SW620 cells is mediated by the ERK/FOXO3a signaling pathway. <i>Toxicology in Vitro</i> , 2020 , 66, 104852	3.6	18
12	Hepatoprotective effects of Micromeria croatica ethanolic extract against CCl ₄ -induced liver injury in mice. <i>BMC Complementary and Alternative Medicine</i> , 2015 , 15, 233	4.7	16
11	Effect of olive oil- and corn oil-enriched diets on the tissue mineral content in mice. <i>Biological Trace Element Research</i> , 2001 , 82, 201-10	4.5	8
10	High-fat diet induced changes in lumbar vertebra of the male rat offsprings. <i>Acta Histochemica</i> , 2016 , 118, 711-721	2	8
9	Aucubin administered by either oral or parenteral route protects against cisplatin-induced acute kidney injury in mice. <i>Food and Chemical Toxicology</i> , 2020 , 142, 111472	4.7	6
8	Differential effect of high dietary iron on alpha-tocopherol and retinol levels in the liver and serum of mice fed olive oil- and corn oil-enriched diets. <i>Nutrition Research</i> , 2008 , 28, 263-9	4	6
7	Metal tissue kinetics in regenerating liver, thymus, spleen, and submandibular gland after partial hepatectomy in mice. <i>Biological Trace Element Research</i> , 2005 , 108, 225-43	4.5	6
6	Hepatic expression of metallothionein I/II, glycoprotein 96, IL-6, and TGF- β in rat strains with different susceptibilities to experimental autoimmune encephalomyelitis. <i>Clinical and Developmental Immunology</i> , 2013 , 2013, 750406		5

5	Tissue zinc dynamics during the immune reaction in mice. <i>Biological Trace Element Research</i> , 1998 , 65, 97-108	4.5	4
4	Hippocampal expressions of metallothionein I/II and glycoprotein 96 in EAE-prone and EAE-resistant strains of rats. <i>Histology and Histopathology</i> , 2017 , 32, 137-151	1.4	4
3	Oxidative stress in mice: effects of dietary corn oil and iron. <i>Biological Trace Element Research</i> , 2006 , 113, 177-91	4.5	3
2	Liver fatty acid and element changes after partial hepatectomy in mice fed olive oil- and corn oil-enriched diets. <i>Biological Trace Element Research</i> , 2006 , 109, 61-74	4.5	2
1	Unveiling the Native Morphology of Extracellular Vesicles from Human Cerebrospinal Fluid by Atomic Force and Cryogenic Electron Microscopy. <i>Biomedicines</i> , 2022 , 10, 1251	4.8	0