

# Robert Domitrovic

## List of Publications by Year in Descending Order

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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	Unveiling the Native Morphology of Extracellular Vesicles from Human Cerebrospinal Fluid by Atomic Force and Cryogenic Electron Microscopy. <i>Biomedicines</i> , <b>2022</b> , 10, 1251	4.8	0
39	Aucubin administered by either oral or parenteral route protects against cisplatin-induced acute kidney injury in mice. <i>Food and Chemical Toxicology</i> , <b>2020</b> , 142, 111472	4.7	6
38	Antitumor activity of luteolin in human colon cancer SW620 cells is mediated by the ERK/FOXO3a signaling pathway. <i>Toxicology in Vitro</i> , <b>2020</b> , 66, 104852	3.6	18
37	Luteolin ameliorates experimental colitis in mice through ERK-mediated suppression of inflammation, apoptosis and autophagy. <i>Food and Chemical Toxicology</i> , <b>2020</b> , 145, 111680	4.7	22
36	Oleanolic acid attenuates cisplatin-induced nephrotoxicity in mice and chemosensitizes human cervical cancer cells to cisplatin cytotoxicity. <i>Food and Chemical Toxicology</i> , <b>2019</b> , 132, 110676	4.7	25
35	Carvacrol induces cytotoxicity in human cervical cancer cells but causes cisplatin resistance: Involvement of MEK-ERK activation. <i>Phytotherapy Research</i> , <b>2018</b> , 32, 1090-1097	6.7	27
34	Chlorogenic acid ameliorates experimental colitis in mice by suppressing signaling pathways involved in inflammatory response and apoptosis. <i>Food and Chemical Toxicology</i> , <b>2018</b> , 121, 140-150	4.7	41
33	Stevia and stevioside protect against cisplatin nephrotoxicity through inhibition of ERK1/2, STAT3, and NF- $\kappa$ B activation. <i>Food and Chemical Toxicology</i> , <b>2017</b> , 107, 215-225	4.7	36
32	Hippocampal expressions of metallothionein I/II and glycoprotein 96 in EAE-prone and EAE-resistant strains of rats. <i>Histology and Histopathology</i> , <b>2017</b> , 32, 137-151	1.4	4
31	Carvacrol attenuates acute kidney injury induced by cisplatin through suppression of ERK and PI3K/Akt activation. <i>Food and Chemical Toxicology</i> , <b>2016</b> , 98, 251-261	4.7	46
30	A comprehensive overview of hepatoprotective natural compounds: mechanism of action and clinical perspectives. <i>Archives of Toxicology</i> , <b>2016</b> , 90, 39-79	5.8	66
29	Oral administration of oleuropein attenuates cisplatin-induced acute renal injury in mice through inhibition of ERK signaling. <i>Molecular Nutrition and Food Research</i> , <b>2016</b> , 60, 530-41	5.9	43
28	High-fat diet induced changes in lumbar vertebra of the male rat offsprings. <i>Acta Histochemica</i> , <b>2016</b> , 118, 711-721	2	8
27	Hepatoprotective effects of <i>Micromeria croatica</i> ethanolic extract against CCl <sub>4</sub> -induced liver injury in mice. <i>BMC Complementary and Alternative Medicine</i> , <b>2015</b> , 15, 233	4.7	16
26	Myricitrin exhibits antioxidant, anti-inflammatory and antifibrotic activity in carbon tetrachloride-intoxicated mice. <i>Chemico-Biological Interactions</i> , <b>2015</b> , 230, 21-9	5	115
25	Renoprotective mechanisms of chlorogenic acid in cisplatin-induced kidney injury. <i>Toxicology</i> , <b>2014</b> , 324, 98-107	4.4	69
24	<i>Terminalia bellerica</i> aerial parts ethyl acetate extract exhibits antioxidant, anti-inflammatory and antifibrotic activity in carbon tetrachloride-intoxicated mice. <i>Journal of Functional Foods</i> , <b>2014</b> , 8, 319-330	5.1	20

23	Nephroprotective activities of rosmarinic acid against cisplatin-induced kidney injury in mice. <i>Food and Chemical Toxicology</i> , <b>2014</b> , 66, 321-8	4.7	62
22	Luteolin ameliorates cisplatin-induced nephrotoxicity in mice through inhibition of platinum accumulation, inflammation and apoptosis in the kidney. <i>Toxicology</i> , <b>2013</b> , 310, 115-23	4.4	82
21	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> , <b>2013</b> , 62, 397-406	4.7	126
20	Resolution of liver fibrosis by isoquinoline alkaloid berberine in CCl <sub>4</sub> -intoxicated mice is mediated by suppression of oxidative stress and upregulation of MMP-2 expression. <i>Journal of Medicinal Food</i> , <b>2013</b> , 16, 518-28	2.8	27
19	Rosmarinic acid ameliorates acute liver damage and fibrogenesis in carbon tetrachloride-intoxicated mice. <i>Food and Chemical Toxicology</i> , <b>2013</b> , 51, 370-8	4.7	88
18	Hepatic expression of metallothionein I/II, glycoprotein 96, IL-6, and TGF- $\beta$ in rat strains with different susceptibilities to experimental autoimmune encephalomyelitis. <i>Clinical and Developmental Immunology</i> , <b>2013</b> , 2013, 750406		5
17	Differential hepatoprotective mechanisms of rutin and quercetin in CCl <sub>4</sub> -intoxicated BALB/cN mice. <i>Acta Pharmacologica Sinica</i> , <b>2012</b> , 33, 1260-70	8	89
16	Preventive and therapeutic effects of oleuropein against carbon tetrachloride-induced liver damage in mice. <i>Pharmacological Research</i> , <b>2012</b> , 65, 451-64	10.2	63
15	Effects of standardized bilberry fruit extract (Mirtoselect <sup>®</sup> ) on resolution of CCl <sub>4</sub> -induced liver fibrosis in mice. <i>Food and Chemical Toxicology</i> , <b>2011</b> , 49, 848-54	4.7	23
14	Hepatoprotective activity of berberine is mediated by inhibition of TNF- $\alpha$ , COX-2, and iNOS expression in CCl <sub>4</sub> -intoxicated mice. <i>Toxicology</i> , <b>2011</b> , 280, 33-43	4.4	126
13	The molecular basis for the pharmacological activity of anthocyanins. <i>Current Medicinal Chemistry</i> , <b>2011</b> , 18, 4454-69	4.3	55
12	Antifibrotic activity of Taraxacum officinale root in carbon tetrachloride-induced liver damage in mice. <i>Journal of Ethnopharmacology</i> , <b>2010</b> , 130, 569-77	5	47
11	Antifibrotic activity of anthocyanidin delphinidin in carbon tetrachloride-induced hepatotoxicity in mice. <i>Toxicology</i> , <b>2010</b> , 272, 1-10	4.4	38
10	Liver fibrosis in mice induced by carbon tetrachloride and its reversion by luteolin. <i>Toxicology and Applied Pharmacology</i> , <b>2009</b> , 241, 311-21	4.6	81
9	Dose- and time-dependent effects of luteolin on carbon tetrachloride-induced hepatotoxicity in mice. <i>Experimental and Toxicologic Pathology</i> , <b>2009</b> , 61, 581-9		56
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> , <b>2008</b> , 28, 263-9	4	6
7	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> , <b>2008</b> , 126, 176-85	4.5	20
6	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> , <b>2006</b> , 109, 61-74	4.5	2

5	Oxidative stress in mice: effects of dietary corn oil and iron. <i>Biological Trace Element Research</i> , <b>2006</b> , 113, 177-91	4.5	3
4	Metal tissue kinetics in regenerating liver, thymus, spleen, and submandibular gland after partial hepatectomy in mice. <i>Biological Trace Element Research</i> , <b>2005</b> , 108, 225-43	4.5	6
3	Effect of olive oil- and corn oil-enriched diets on the tissue mineral content in mice. <i>Biological Trace Element Research</i> , <b>2001</b> , 82, 201-10	4.5	8
2	Tissue zinc dynamics during the immune reaction in mice. <i>Biological Trace Element Research</i> , <b>1998</b> , 65, 97-108	4.5	4
1	Determination of standard zinc values in the intact tissues of mice by ICP spectrometry. <i>Biological Trace Element Research</i> , <b>1997</b> , 57, 91-6	4.5	3 <sup>1</sup>