

# Monica A Valentovic

## List of Publications by Year in descending order

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55  
papers

1,200  
citations

430442

18  
h-index

414034

32  
g-index

57  
all docs

57  
docs citations

57  
times ranked

1619  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bioavailability of capsaicin and its implications for drug delivery. <i>Journal of Controlled Release</i> , 2014, 196, 96-105.	4.8	189
2	Resveratrol attenuates cisplatin renal cortical cytotoxicity by modifying oxidative stress. <i>Toxicology in Vitro</i> , 2014, 28, 248-257.	1.1	63
3	Anticancer Activity of Natural and Synthetic Capsaicin Analogs. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2018, 364, 462-473.	1.3	57
4	Effects of cytochrome P450 single nucleotide polymorphisms on methadone metabolism and pharmacodynamics. <i>Biochemical Pharmacology</i> , 2018, 153, 196-204.	2.0	54
5	Comparison of S-Adenosyl-l-methionine and N-Acetylcysteine Protective Effects on Acetaminophen Hepatic Toxicity. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007, 320, 99-107.	1.3	53
6	Comparison of S-adenosyl-l-methionine (SAME) and N-acetylcysteine (NAC) protective effects on hepatic damage when administered after acetaminophen overdose. <i>Toxicology</i> , 2008, 244, 25-34.	2.0	49
7	Novel protective mechanisms for S-adenosyl-l-methionine against acetaminophen hepatotoxicity: Improvement of key antioxidant enzymatic function. <i>Toxicology Letters</i> , 2012, 212, 320-328.	0.4	46
8	Streptozotocin (STZ) diabetes enhances benzo( <i>l</i> ±)pyrene induced renal injury in Sprague Dawley rats. <i>Toxicology Letters</i> , 2006, 164, 214-220.	0.4	42
9	Capsaicinoids: Multiple effects on angiogenesis, invasion and metastasis in human cancers. <i>Biomedicine and Pharmacotherapy</i> , 2019, 118, 109317.	2.5	36
10	Attenuation of cisplatin nephrotoxicity by streptozotocin-induced diabetes*1. <i>Fundamental and Applied Toxicology</i> , 1989, 12, 530-539.	1.9	34
11	Acute renal and hepatic toxicity of 2-haloanilines in Fischer 344 rats. <i>Toxicology</i> , 1992, 75, 121-131.	2.0	28
12	3,4-Dichloroaniline acute toxicity in male Fischer 344 rats. <i>Toxicology</i> , 1997, 124, 125-134.	2.0	28
13	Time-dependent effect of p-Aminophenol (PAP) toxicity in renal slices and development of oxidative stress. <i>Toxicology and Applied Pharmacology</i> , 2005, 209, 86-94.	1.3	28
14	S-Adenosylmethionine (SAME) attenuates acetaminophen hepatotoxicity in C57BL/6 mice. <i>Toxicology Letters</i> , 2004, 154, 165-174.	0.4	27
15	Anti-cancer activity of sustained release capsaicin formulations. , 2022, 238, 108177.		25
16	Pyruvate reduces 4-aminophenol in vitro toxicity. <i>Toxicology and Applied Pharmacology</i> , 2006, 213, 179-186.	1.3	22
17	Renal accumulation and urinary excretion of cisplatin in diabetic rats. <i>Toxicology</i> , 1991, 70, 151-162.	2.0	21
18	Transsulfuration Is a Significant Source of Sulfur for Glutathione Production in Human Mammary Epithelial Cells. , 2013, 2013, 1-7.		21

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19	Evaluation of Resveratrol in Cancer Patients and Experimental Models. <i>Advances in Cancer Research</i> , 2018, 137, 171-188.	1.9	20
20	Characterization of 2-amino-4,5-dichlorophenol (2A45CP) in vitro toxicity in renal cortical slices from male Fischer 344 rats. <i>Toxicology</i> , 2002, 172, 113-123.	2.0	19
21	In vitro nephrotoxicity induced by chloronitrobenzenes in renal cortical slices from Fischer 344 rats. <i>Toxicology Letters</i> , 2002, 129, 133-141.	0.4	18
22	3,5-Dichloroaniline toxicity in Fischer 344 rats pretreated with inhibitors and inducers of cytochrome P450. <i>Toxicology Letters</i> , 1995, 78, 207-214.	0.4	17
23	2-Amino-5-chlorophenol Toxicity in Renal Cortical Slices from Fischer 344 Rats: Effect of Antioxidants and Sulfhydryl Agents. <i>Toxicology and Applied Pharmacology</i> , 1999, 161, 1-9.	1.3	17
24	Factors Contributing to the Antiviral Effectiveness of Tenofovir. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2017, 363, 156-163.	1.3	17
25	Establishment of HK-2 Cells as a Relevant Model to Study Tenofovir-Induced Cytotoxicity. <i>International Journal of Molecular Sciences</i> , 2017, 18, 531.	1.8	17
26	Cephaloridine nephrotoxicity in streptozotocin induced diabetic fischer 344 (F344) rats. <i>Toxicology</i> , 1989, 57, 193-207.	2.0	16
27	In vivo and in vitro 4-amino-2,6-dichlorophenol nephrotoxicity and hepatotoxicity in the Fischer 344 rat. <i>Toxicology</i> , 1994, 90, 115-128.	2.0	16
28	Characterization of methemoglobin formation induced by 3,5-dichloroaniline, 4-amino-2,6-dichlorophenol and 3,5-dichlorophenylhydroxylamine. <i>Toxicology</i> , 1997, 118, 23-36.	2.0	16
29	Contrast Induced Acute Kidney Injury and Direct Cytotoxicity of Iodinated Radiocontrast Media on Renal Proximal Tubule Cells. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2019, 370, 160-171.	1.3	16
30	Nephrotoxic potential of 2-amino-5-chlorophenol and 4-amino-3-chlorophenol in Fischer 344 rats: comparisons with 2- and 4-chloroaniline and 2- and 4-aminophenol. <i>Toxicology</i> , 1996, 108, 109-123.	2.0	15
31	Characterization of myoglobin toxicity in renal cortical slices from Fischer 344 rats. <i>Toxicology</i> , 2003, 184, 113-123.	2.0	14
32	Characterization of a novel model for investigation of radiocontrast nephrotoxicity. <i>Nephrology Dialysis Transplantation</i> , 2008, 24, 763-768.	0.4	14
33	S-adenosyl-L-methionine protection of acetaminophen mediated oxidative stress and identification of hepatic 4-hydroxynonenal protein adducts by mass spectrometry. <i>Toxicology and Applied Pharmacology</i> , 2014, 281, 174-184.	1.3	14
34	Nephrotoxicity of 4-amino-2-chlorophenol and 2-amino-4-chlorophenol in the Fischer 344 rat. <i>Toxicology</i> , 1996, 110, 47-58.	2.0	11
35	4-Amino-2,6-Dichlorophenol Nephrotoxicity in the Fischer 344 Rat: Protection by Ascorbic Acid, AT-125, and Aminoxyacetic Acid. <i>Toxicology and Applied Pharmacology</i> , 1997, 147, 115-125.	1.3	10
36	Characterization of myoglobin toxicity in renal cortical slices from Fischer 344 rats. <i>Toxicology</i> , 2003, 187, 77-87.	2.0	10

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37	Mechanistic aspects of 4-amino-2,6-dichlorophenol-induced in vitro nephrotoxicity. <i>Toxicology</i> , 2008, 245, 123-129.	2.0	10
38	3,4-Dichlorophenylhydroxylamine cytotoxicity in renal cortical slices from Fischer 344 rats. <i>Toxicology</i> , 2001, 162, 149-156.	2.0	9
39	Pyruvate Attenuates Myoglobin in Vitro Toxicity. <i>Toxicological Sciences</i> , 2003, 74, 345-351.	1.4	9
40	Temporal study of acetaminophen (APAP) and S-adenosyl-l-methionine (SAME) effects on subcellular hepatic SAME levels and methionine adenosyltransferase (MAT) expression and activity. <i>Toxicology and Applied Pharmacology</i> , 2010, 247, 1-9.	1.3	9
41	The role of biotransformation and oxidative stress in 3,5-dichloroaniline (3,5-DCA) induced nephrotoxicity in isolated renal cortical cells from male Fischer 344 rats. <i>Toxicology</i> , 2016, 341-343, 47-55.	2.0	8
42	Capsaicinoids enhance chemosensitivity to chemotherapeutic drugs. <i>Advances in Cancer Research</i> , 2019, 144, 263-298.	1.9	7
43	Radiocontrast Agent Diatrizoic Acid Induces Mitophagy and Oxidative Stress via Calcium Dysregulation. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4074.	1.8	7
44	Nonpungent N-AVAM Capsaicin Analogues and Cancer Therapy. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 1346-1361.	2.9	7
45	Comparative studies of in vitro renal cephaloridine toxicity between normoglycemic and diabetic rats. <i>Journal of Applied Toxicology</i> , 1992, 12, 19-24.	1.4	6
46	Cephaloridine in Vitro Toxicity and Accumulation in Renal Slices from Normoglycemic and Diabetic Rats. <i>Fundamental and Applied Toxicology</i> , 1997, 38, 184-190.	1.9	6
47	Rural and urban differences in prenatal exposure to essential and toxic elements. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2018, 81, 1214-1223.	1.1	6
48	Comparison of cephaloridine renal accumulation and urinary excretion between normoglycemic and diabetic animals. <i>Toxicology</i> , 1996, 108, 93-99.	2.0	5
49	Cephaloridine nephrotoxicity in diabetic rats: modulation by insulin treatment. <i>Toxicology</i> , 1995, 100, 11-16.	2.0	3
50	Historical Perspective of Nephrotoxicity. <i>Toxicological Sciences</i> , 2018, 164, 377-378.	1.4	2
51	Characterization of Fetal Thyroid Levels at Delivery among Appalachian Infants. <i>Journal of Clinical Medicine</i> , 2020, 9, 3056.	1.0	2
52	Nephrotoxic Potential of Putative 3,5-Dichloroaniline (3,5-DCA) Metabolites and Biotransformation of 3,5-DCA in Isolated Kidney Cells from Fischer 344 Rats. <i>International Journal of Molecular Sciences</i> , 2021, 22, 292.	1.8	2
53	Cephaloridine in Vitro Toxicity and Accumulation in Renal Slices from Normoglycemic and Diabetic Rats. <i>Toxicological Sciences</i> , 1997, 38, 184-190.	1.4	1
54	Role of Free Radicals and Biotransformation in Trichloronitrobenzene-Induced Nephrotoxicity In Vitro. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1165.	1.8	1

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55	Oxidative Stress Induced Following Exposure to 3,5-Dichloroaniline (3,5-DCDA) In Vitro: Role in Nephrotoxicity. FASEB Journal, 2015, 29, 938.7.	0.2	0