Sjs Flora

List of Publications by Year in Descending Order

97 papers	2,958 citations	33 h-index	51 g-index
97 ext. papers	3,224 ext. citations	4.1 avg, IF	5.47 L-index

#	Paper	IF	Citations
97	Arsenic, cadmium, and lead **2022**, 547-571		
96	Potential Epigenetic Targets for Combating Alzheimer's Disease. *Mini-Reviews in Medicinal Chemistry*, **2021**, 21, 1527-1540	3.2	1
95	New Approaches in Sensing and Targeting Bacterial rRNA A-site. *Medicinal Chemistry*, **2021**, 17, 299-309	1.8	0
94	MiADMSA ameliorate arsenic induced urinary bladder carcinogenesis in vivo and in vitro. *Biomedicine and Pharmacotherapy*, **2020**, 128, 110257	7.5	7
93	Dose dependent changes in oxidative stress, hematological variables, tissue pathology, and apoptosis following chronic sodium tungstate exposure in rats. *Medicine in Drug Discovery*, **2020**, 6, 100045	7	3
92	MiADMSA minimizes arsenic induced bone degeneration in Sprague Dawley rats. *Emerging Contaminants*, **2020**, 6, 204-211	5.8	4
91	Gallic acid and MiADMSA reversed arsenic induced oxidative/nitrosative damage in rat red blood cells. *Heliyon*, **2020**, 6, e03431	3.6	11
90	Fluoride in Drinking Water and Skeletal Fluorosis: a Review of the Global Impact. *Current Environmental Health Reports*, **2020**, 7, 140-146	6.5	70
89	Advances in the Development of Reactivators for the Treatment of Organophosphorus Inhibited Cholinesterase. *Current Organic Chemistry*, **2020**, 24, 2845-2864	1.7	3
88	Comparative efficacy of Nano and Bulk Monoisoamyl DMSA against arsenic-induced neurotoxicity in rats. *Biomedicine and Pharmacotherapy*, **2020**, 132, 110871	7.5	5
87	MiADMSA abrogates chronic copper-induced hepatic and immunological changes in Sprague Dawley rats. *Food and Chemical Toxicology*, **2020**, 145, 111692	4.7	6
86	Impact of chronic low dose exposure of monocrotophos in rat brain: Oxidative/ nitrosative stress, neuronal changes and cholinesterase activity. *Toxicology Reports*, **2019**, 6, 1295-1303	4.8	13
85	Combinatorial drug delivery strategy employing nano-curcumin and nano-MiADMSA for the treatment of arsenic intoxication in mouse. *Chemico-Biological Interactions*, **2018**, 286, 78-87	5	15
84	Nutritional management can assist a significant role in alleviation of arsenicosis. *Journal of Trace Elements in Medicine and Biology*, **2018**, 45, 11-20	4.1	19
83	The Applications, Neurotoxicity, and Related Mechanism of Gold Nanoparticles **2017**, 179-203		5
82	Oxidative stress following exposure to silver and gold nanoparticles in mice. *Toxicology and Industrial Health*, **2016**, 32, 1391-1404	1.8	76
81	Changes in tissue oxidative stress, brain biogenic amines and acetylcholinesterase following co-exposure to lead, arsenic and mercury in rats. *Food and Chemical Toxicology*, **2015**, 86, 208-16	4.7	34

80	Combined Efficacy of Gallic Acid and MiADMSA with Limited Beneficial Effects Over MiADMSA Against Arsenic-induced Oxidative Stress in Mouse. *Biochemistry Insights*, **2015**, 8, 1-10	3.8	14
79	Efficacy of some antioxidants supplementation in reducing oxidative stress post sodium tungstate exposure in male wistar rats. *Journal of Trace Elements in Medicine and Biology*, **2014**, 28, 233-239	4.1	12
78	Chelation Therapy **2013**, 987-1013		1
77	Effect of nicotine pretreatment on arsenic-induced oxidative stress in male Wistar rats. *Human and Experimental Toxicology*, **2013**, 32, 972-82	3.4	9
76	Monoisoamyl 2,3-dimercaptosuccinic acid attenuates arsenic induced toxicity: behavioral and neurochemical approach. *Environmental Toxicology and Pharmacology*, **2013**, 36, 231-42	5.8	29
75	Chemistry and pharmacological properties of some natural and synthetic antioxidants for heavy metal toxicity. *Current Medicinal Chemistry*, **2013**, 20, 4540-74	4.3	63
74	Monensin potentiates lead chelation efficacy of MiADMSA in rat brain post chronic lead exposure. *Food and Chemical Toxicology*, **2012**, 50, 4449-60	4.7	9
73	Similarities in diesel exhaust particles induced alterations in expression of cytochrome P-450 and glutathione S-transferases in rat lymphocytes and lungs. *Xenobiotica*, **2012**, 42, 624-32	2	10
72	Therapeutic profile of T11TS vs. T11TS+MiADMSA: a hunt for a more effective therapeutic regimen for arsenic exposure. *Asian Pacific Journal of Cancer Prevention*, **2012**, 13, 2943-8	1.7	4
71	Therapeutic efficacy of silymarin and naringenin in reducing arsenic-induced hepatic damage in young rats. *Ecotoxicology and Environmental Safety*, **2011**, 74, 607-14	7	85
70	Effects of combined exposure to dichlorvos and monocrotophos on blood and brain biochemical variables in rats. *Human and Experimental Toxicology*, **2010**, 29, 121-9	3.4	25
69	Oral supplementation of gossypin during lead exposure protects alteration in heme synthesis pathway and brain oxidative stress in rats. *Nutrition*, **2010**, 26, 563-70	4.8	40
68	Fluoride-induced changes in haem biosynthesis pathway, neurological variables and tissue histopathology of rats. *Journal of Applied Toxicology*, **2010**, 30, 63-73	4.1	50
67	Neurobehavioral impairments, generation of oxidative stress and release of pro-apoptotic factors after chronic exposure to sulphur mustard in mouse brain. *Toxicology and Applied Pharmacology*, **2009**, 240, 208-18	4.6	46
66	Monoisoamyl dimercaptosuccinic acid abrogates arsenic-induced developmental toxicity in human embryonic stem cell-derived embryoid bodies: comparison with in vivo studies. *Biochemical Pharmacology*, **2009**, 78, 1340-9	6	51
65	Bacillus sp. strain DJ-1, potent arsenic hypertolerant bacterium isolated from the industrial effluent of India. *Journal of Hazardous Materials*, **2009**, 166, 1500-5	12.8	37
64	Oral co-administration of Ɩipoic acid, quercetin and captopril prevents gallium arsenide toxicity in rats. *Environmental Toxicology and Pharmacology*, **2009**, 28, 140-6	5.8	41
63	Co-exposure to arsenic and fluoride on oxidative stress, glutathione linked enzymes, biogenic amines and DNA damage in mouse brain. *Journal of the Neurological Sciences*, **2009**, 285, 198-205	3.2	78

62	Cyanide Toxicity and its Treatment **2009**, 255-270		25
61	Effects of fluoride on the tissue oxidative stress and apoptosis in rats: biochemical assays supported by IR spectroscopy data. *Toxicology*, **2008**, 254, 61-7	4.4	81
60	Differential oxidative stress and DNA damage in rat brain regions and blood following chronic arsenic exposure. *Toxicology and Industrial Health*, **2008**, 24, 247-56	1.8	57
59	Response of lead-induced oxidative stress and alterations in biogenic amines in different rat brain regions to combined administration of DMSA and MiADMSA. *Chemico-Biological Interactions*, **2007**, 170, 209-20	5	67
58	Concomitant administration of Moringa oleifera seed powder in the remediation of arsenic-induced oxidative stress in mouse. *Cell Biology International*, **2007**, 31, 44-56	4.5	94
57	Effects of combined administration of captopril and DMSA on arsenite induced oxidative stress and blood and tissue arsenic concentration in rats. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2007**, 144, 372-9	3.2	21
56	Combined administration of selenium and meso-2, 3-dimercaptosuccinic acid on arsenic mobilization and tissue oxidative stress in chronic arsenic-exposed male rats. *Indian Journal of Pharmacology*, **2007**, 39, 107	2.5	12
55	Effects of individual and combined exposure to sodium arsenite and sodium fluoride on tissue oxidative stress, arsenic and fluoride levels in male mice. *Chemico-Biological Interactions*, **2006**, 162, 128-39	5	104
54	Therapeutic value of Hippophae rhamnoides L. against subchronic arsenic toxicity in mice. *Journal of Medicinal Food*, **2005**, 8, 353-61	2.8	22
53	Arsenic antagonism studies with monoisoamyl DMSA and zinc in male mice. *Environmental Toxicology and Pharmacology*, **2005**, 19, 131-8	5.8	36
52	Beneficial role of monoesters of meso-2,3-dimercaptosuccinic acid in the mobilization of lead and recovery of tissue oxidative injury in rats. *Toxicology*, **2005**, 214, 39-56	4.4	35
51	Lead induced oxidative damage and its response to combined administration of alpha-lipoic acid and succimers in rats. *Toxicology*, **2002**, 177, 187-96	4.4	173
50	Meso 2,3-dimercaptosuccinic acid (DMSA) and monoisoamyl DMSA effect on gallium arsenide induced pathological liver injury in rats. *Toxicology Letters*, **2002**, 132, 9-17	4.4	39
49	Possible role of metal redistribution, hepatotoxicity and oxidative stress in chelating agents induced hepatic and renal metallothionein in rats. *Food and Chemical Toxicology*, **2001**, 39, 1029-38	4.7	74
48	Toxic effects of arsenic (III) on some hematopoietic and central nervous system variables in rats and guinea pigs. *Journal of Toxicology: Clinical Toxicology*, **2001**, 39, 675-82		74
47	Arsenic-induced oxidative stress and its reversibility following combined administration of N-acetylcysteine and meso 2,3-dimercaptosuccinic acid in rats. *Clinical and Experimental Pharmacology and Physiology*, **1999**, 26, 865-9	3	226
46	Selenium effects on gallium arsenide induced biochemical and immunotoxicological changes in rats. *Chemico-Biological Interactions*, **1999**, 122, 1-13	5	27
45	Hepatic and renal metallothionein induction following single oral administration of gallium arsenide in rats. *IUBMB Life*, **1998**, 45, 1121-7	4.7	5

44	Effects of thiamin and methionine administration in preventing cadmium-induced biochemical alterations and metal concentration in male rats. *Journal of Trace Elements in Medicine and Biology*, **1998**, 12, 86-90	4.1	3
43	Effects of zinc supplementation during chelating agent administration in cadmium intoxication in rats. *Journal of Applied Toxicology*, **1998**, 18, 357-62	4.1	16
42	Acute oral gallium arsenide exposure and changes in certain hematological, hepatic, renal and immunological indices at different time intervals in male Wistar rats. *Toxicology Letters*, **1998**, 94, 103-13	4.4	32
41	Effects of some thiol chelators on enzymatic activities in blood, liver and kidneys of acute arsenic (III) exposed mice. *Biomedical and Environmental Sciences*, **1998**, 11, 38-45	1.1	8
40	Arsenic-induced changes in certain neurotransmitter levels and their recoveries following chelation in rat whole brain. *Toxicology Letters*, **1997**, 92, 201-8	4.4	69
39	Therapeutic Efficacy of a Few Diesters of Meso 2,3-Dimercaptosuccinic Acid during Sub-Chronic Arsenic Intoxication in Rats. *Journal of Occupational Health*, **1997**, 39, 119-123	2.3	17
38	Influence of zinc-saccharide complexes on some haematological parameters in rats. *BioMetals*, **1997**, 10, 337-41	3.4	7
37	Changes in certain hematological and physiological variables following single gallium arsenide exposure in rats. *Biological Trace Element Research*, **1997**, 58, 197-208	4.5	17
36	Biochemical and histopathological changes in arsenic-intoxicated rats coexposed to ethanol. *Alcohol*, **1997**, 14, 563-8	2.7	28
35	Biochemical and immunotoxicological alterations following repeated gallium arsenide exposure and their recoveries by meso-2,3-dimercaptosuccinic acid and 2,3-dimercaptopropane 1-sulfonate administration in rats. *Environmental Toxicology and Pharmacology*, **1996**, 2, 315-20	5.8	22
34	Alterations in some hepatic biochemical variables following repeated gallium arsenide administration in rats. *International Hepatology Communications*, **1996**, 5, 97-103		8
33	Therapeutic potential of meso 2,3-dimercaptosuccinic acid or 2,3-dimercaptopropane 1-sulfonate in chronic arsenic intoxication in rats. *BioMetals*, **1995**, 8, 111-6	3.4	47
32	Effects of meso-2,3-dimercaptosuccinic acid or 2,3-dimercaptopropane 1-sulfonate on beryllium-induced biochemical alterations and metal concentration in male rats. *Toxicology*, **1995**, 95, 167-75	4.4	18
31	Combined therapeutic potential of meso-2,3-dimercaptosuccinic acid and calcium disodium edetate on the mobilization and distribution of lead in experimental lead intoxication in rats. *Fundamental and Applied Toxicology*, **1995**, 25, 233-40		86
30	Immunomodulation following zinc supplementation during chelation of lead in male rats. *BioMetals* , **1994**, 7, 41-4	3.4	7
29	Beryllium-induced biochemical alterations and their prevention following co-administration of meso-2,3-dimercaptosuccinic acid or 2,3-dimercaptopropane sulphonate in rats. *Journal of Applied Toxicology*, **1994**, 14, 263-7	4.1	7
28	Toxicological evaluation of 1-chloroacetophenone and dibenz[b,f]-1,4-oxazepine after repeated inhalation exposure in mice. *Journal of Applied Toxicology*, **1994**, 14, 411-6	4.1	9
27	Dose-dependent effects of zinc supplementation during chelation of lead in rats. *Basic and Clinical Pharmacology and Toxicology*, **1994**, 74, 330-3		10

26	Toxicology of Gallium Arsenide: An Appraisal .. *Defence Science Journal*, **1994**, 44, 5-10	1.4	7
25	Effects of multiple gallium arsenide exposure on some biochemical alterations in rat brain. *Industrial Health*, **1994**, 32, 247-52	2.5	9
24	Preventive effects of sodium molybdate in lead intoxication in rats. *Ecotoxicology and Environmental Safety*, **1993**, 26, 133-7	7	6
23	Mobilization and distribution of beryllium over the course of chelation therapy with some polyaminocarboxylic acids in the rat. *Human and Experimental Toxicology*, **1993**, 12, 19-24	3.4	16
22	Biochemical changes and essential metals concentration in lead-intoxicated rats pre-exposed to ethanol. *Alcohol*, **1992**, 9, 241-5	2.7	14
21	Effect of single gallium arsenide exposure on some biochemical variables in porphyrin metabolism in rats. *Journal of Applied Toxicology*, **1992**, 12, 333-4	4.1	15
20	Combined exposure to lead and ethanol on tissue concentration of essential metals and some biochemical indices in rat. *Biological Trace Element Research*, **1991**, 28, 157-64	4.5	20
19	Interaction of zinc, methionine or their combination with lead at gastrointestinal or post-absorptive level in rats. *Basic and Clinical Pharmacology and Toxicology*, **1991**, 68, 3-7		33
18	Influence of simultaneous supplementation of zinc and copper during chelation of lead in rats. *Human and Experimental Toxicology*, **1991**, 10, 331-6	3.4	19
17	Nickel-selenium interaction-time dependent biochemical alterations and metal decorporation in rats. *Chemico-Biological Interactions*, **1990**, 75, 341-7	5	8
16	Beneficial effects of zinc supplementation during chelation treatment of lead intoxication in rats. *Toxicology*, **1990**, 64, 129-39	4.4	55
15	Thiamine and zinc in prevention or therapy of lead intoxication. *Journal of International Medical Research*, **1989**, 17, 68-75	1.4	35
14	Therapeutic efficacy of dimercaptosuccinic acid and thiamine/ascorbic acid on lead intoxication in rats. *Bulletin of Environmental Contamination and Toxicology*, **1989**, 43, 705-12	2.7	5
13	Dose and time effects of combined exposure to lead and ethanol on lead body burden and some neuronal, hepatic and haematopoietic biochemical indices in the rat. *Journal of Applied Toxicology*, **1989**, 9, 347-52	4.1	16
12	Effect of combined exposure to lead and ethanol on some biochemical indices in the rat. *Biochemical Pharmacology*, **1987**, 36, 537-41	6	52
11	Influence of dietary deficiency of nicotinamide on lead toxicity in young rats. *Biological Trace Element Research*, **1987**, 14, 143-51	4.5	1
10	Chelation in metal intoxication. XXIV: Influence of various components of vitamin B complex on the therapeutic efficacy of disodium calcium versenate in lead intoxication. *Basic and Clinical Pharmacology and Toxicology*, **1987**, 60, 62-5		25
9	Preventive and therapeutic effects of thiamine, ascorbic acid and their combination in lead intoxication. *Acta Pharmacologica Et Toxicologica*, **1986**, 58, 374-8		43

8	Influence of dietary supplementation with thiamine on lead intoxication in rats. *Biological Trace Element Research*, **1986**, 10, 137-44	4.5	13
7	Chelation in metal intoxication XXI: Chelation in lead intoxication during vitamin B complex deficiency. *Bulletin of Environmental Contamination and Toxicology*, **1986**, 37, 317-25	2.7	5
6	Chelation in metal intoxication XVIII: Combined effects of thiamine and calcium disodium versenate on lead toxicity. *Life Sciences*, **1986**, 38, 67-71	6.8	26
5	Chelation in metal intoxication. XIV. Comparative effect of thiol and amino chelators on lead-poisoned rats with normal or damaged kidneys. *Toxicology and Applied Pharmacology*, **1985**, 79, 204-10	4.6	5
4	Prevention of lead intoxication by vitamin-B complex. *Zeitschrift F□ Die Gesamte Hygiene Und Ihre Grenzgebiete*, **1984**, 30, 409-11		5
3	Influence of vitamin B-complex deficiency on lead intoxication in young rats. *Indian Journal of Medical Research*, **1984**, 80, 444-8	2.9	4
2	Role of selenium in protection against lead intoxication. *Acta Pharmacologica Et Toxicologica*, **1983**, 53, 28-32		29
1	Time-dependent protective effect of selenium against cadmium-induced nephrotoxicity and hepatotoxicity. *Chemico-Biological Interactions*, **1982**, 42, 345-51	5	33