

# S J Flora

## List of Publications by Citations

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240  
papers

8,604  
citations

49  
h-index

81  
g-index

255  
ext. papers

9,586  
ext. citations

3.9  
avg, IF

6.83  
L-index

#	Paper	IF	Citations
240	Arsenic-induced oxidative stress and its reversibility. <i>Free Radical Biology and Medicine</i> , <b>2011</b> , 51, 257-81	7.8	555
239	Chelation in metal intoxication. <i>International Journal of Environmental Research and Public Health</i> , <b>2010</b> , 7, 2745-88	4.6	520
238	Structural, chemical and biological aspects of antioxidants for strategies against metal and metalloid exposure. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2009</b> , 2, 191-206	6.7	352
237	Arsenic-induced oxidative stress and its reversibility following combined administration of N-acetylcysteine and meso 2,3-dimercaptosuccinic acid in rats. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>1999</b> , 26, 865-9	3	226
236	Heavy metal induced oxidative stress & its possible reversal by chelation therapy. <i>Indian Journal of Medical Research</i> , <b>2008</b> , 128, 501-23	2.9	203
235	Strategies for safe and effective therapeutic measures for chronic arsenic and lead poisoning. <i>Journal of Occupational Health</i> , <b>2005</b> , 47, 1-21	2.3	200
234	Lead induced oxidative damage and its response to combined administration of alpha-lipoic acid and succimers in rats. <i>Toxicology</i> , <b>2002</b> , 177, 187-96	4.4	173
233	Effects of sub-acute exposure to TiO <sub>2</sub> , ZnO and Al <sub>2</sub> O <sub>3</sub> nanoparticles on oxidative stress and histological changes in mouse liver and brain. <i>Drug and Chemical Toxicology</i> , <b>2014</b> , 37, 336-47	2.3	131
232	Arsenic induced blood and brain oxidative stress and its response to some thiol chelators in rats. <i>Life Sciences</i> , <b>2005</b> , 77, 2324-37	6.8	131
231	Reversal of lead-induced neuronal apoptosis by chelation treatment in rats: role of reactive oxygen species and intracellular Ca(2+). <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2007</b> , 322, 108-16	4.7	128
230	Beneficial effect of combined administration of some naturally occurring antioxidants (vitamins) and thiol chelators in the treatment of chronic lead intoxication. <i>Chemico-Biological Interactions</i> , <b>2003</b> , 145, 267-80	5	108
229	Arsenic induced oxidative stress and the role of antioxidant supplementation during chelation: a review. <i>Journal of Environmental Biology</i> , <b>2007</b> , 28, 333-47	1.6	106
228	Effects of individual and combined exposure to sodium arsenite and sodium fluoride on tissue oxidative stress, arsenic and fluoride levels in male mice. <i>Chemico-Biological Interactions</i> , <b>2006</b> , 162, 128-39	5.9	104
227	Curcumin encapsulated in chitosan nanoparticles: a novel strategy for the treatment of arsenic toxicity. <i>Chemico-Biological Interactions</i> , <b>2012</b> , 199, 49-61	5	99
226	Concomitant administration of Moringa oleifera seed powder in the remediation of arsenic-induced oxidative stress in mouse. <i>Cell Biology International</i> , <b>2007</b> , 31, 44-56	4.5	94
225	Reversal of arsenic-induced hepatic apoptosis with combined administration of DMSA and its analogues in guinea pigs: role of glutathione and linked enzymes. <i>Chemical Research in Toxicology</i> , <b>2008</b> , 21, 400-7	4	89
224	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. <i>Fundamental and Applied Toxicology</i> , <b>1995</b> , 25, 233-40		86

223	Therapeutic efficacy of silymarin and naringenin in reducing arsenic-induced hepatic damage in young rats. <i>Ecotoxicology and Environmental Safety</i> , <b>2011</b> , 74, 607-14	7	85
222	Effects of fluoride on the tissue oxidative stress and apoptosis in rats: biochemical assays supported by IR spectroscopy data. <i>Toxicology</i> , <b>2008</b> , 254, 61-7	4.4	81
221	Therapeutic effects of <i>Moringa oleifera</i> on arsenic-induced toxicity in rats. <i>Environmental Toxicology and Pharmacology</i> , <b>2005</b> , 20, 456-64	5.8	81
220	Co-exposure to arsenic and fluoride on oxidative stress, glutathione linked enzymes, biogenic amines and DNA damage in mouse brain. <i>Journal of the Neurological Sciences</i> , <b>2009</b> , 285, 198-205	3.2	78
219	Lead-induced oxidative stress and hematological alterations and their response to combined administration of calcium disodium EDTA with a thiol chelator in rats. <i>Journal of Biochemical and Molecular Toxicology</i> , <b>2004</b> , 18, 221-33	3.4	78
218	Oxidative stress following exposure to silver and gold nanoparticles in mice. <i>Toxicology and Industrial Health</i> , <b>2016</b> , 32, 1391-1404	1.8	76
217	Possible role of metal redistribution, hepatotoxicity and oxidative stress in chelating agents induced hepatic and renal metallothionein in rats. <i>Food and Chemical Toxicology</i> , <b>2001</b> , 39, 1029-38	4.7	74
216	Toxic effects of arsenic (III) on some hematopoietic and central nervous system variables in rats and guinea pigs. <i>Journal of Toxicology: Clinical Toxicology</i> , <b>2001</b> , 39, 675-82		74
215	Combined administration of a chelating agent and an antioxidant in the prevention and treatment of acute lead intoxication in rats. <i>Environmental Toxicology and Pharmacology</i> , <b>2001</b> , 9, 173-184	5.8	73
214	Nutritional Components Modify Metal Absorption, Toxic Response and Chelation Therapy. <i>Journal of Nutritional and Environmental Medicine</i> , <b>2002</b> , 12, 53-67		72
213	Chronic arsenic poisoning in the rat: treatment with combined administration of succimers and an antioxidant. <i>Ecotoxicology and Environmental Safety</i> , <b>2004</b> , 58, 37-43	7	71
212	Fluoride in Drinking Water and Skeletal Fluorosis: a Review of the Global Impact. <i>Current Environmental Health Reports</i> , <b>2020</b> , 7, 140-146	6.5	70
211	Effect of <i>Centella asiatica</i> on arsenic induced oxidative stress and metal distribution in rats. <i>Journal of Applied Toxicology</i> , <b>2006</b> , 26, 213-22	4.1	70
210	Arsenic-induced changes in certain neurotransmitter levels and their recoveries following chelation in rat whole brain. <i>Toxicology Letters</i> , <b>1997</b> , 92, 201-8	4.4	69
209	Vitamin E supplementation protects oxidative stress during arsenic and fluoride antagonism in male mice. <i>Drug and Chemical Toxicology</i> , <b>2007</b> , 30, 263-81	2.3	68
208	Response of lead-induced oxidative stress and alterations in biogenic amines in different rat brain regions to combined administration of DMSA and MiADMSA. <i>Chemico-Biological Interactions</i> , <b>2007</b> , 170, 209-20	5	67
207	Chemistry and pharmacological properties of some natural and synthetic antioxidants for heavy metal toxicity. <i>Current Medicinal Chemistry</i> , <b>2013</b> , 20, 4540-74	4.3	63
206	Response of arsenic-induced oxidative stress, DNA damage, and metal imbalance to combined administration of DMSA and monoisoamyl-DMSA during chronic arsenic poisoning in rats. <i>Cell Biology and Toxicology</i> , <b>2007</b> , 23, 91-104	7.4	62

205	Environmental occurrence, health effects and management of lead poisoning <b>2006</b> , 158-228		62
204	Nanotechnology: A Promising Approach for Delivery of Neuroprotective Drugs. <i>Frontiers in Neuroscience</i> , <b>2020</b> , 14, 494	5.1	61
203	Combined administration of taurine and monoisoamyl DMSA protects arsenic induced oxidative injury in rats. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2008</b> , 1, 39-45	6.7	61
202	Combined administration of oxalic acid, succimer and its analogue for the reversal of gallium arsenide-induced oxidative stress in rats. <i>Archives of Toxicology</i> , <b>2002</b> , 76, 269-76	5.8	61
201	MiADMSA reverses impaired mitochondrial energy metabolism and neuronal apoptotic cell death after arsenic exposure in rats. <i>Toxicology and Applied Pharmacology</i> , <b>2011</b> , 256, 241-8	4.6	59
200	Concomitant exposure to arsenic and organophosphates on tissue oxidative stress in rats. <i>Food and Chemical Toxicology</i> , <b>2011</b> , 49, 1152-9	4.7	57
199	Differential oxidative stress and DNA damage in rat brain regions and blood following chronic arsenic exposure. <i>Toxicology and Industrial Health</i> , <b>2008</b> , 24, 247-56	1.8	57
198	Prevention of arsenic-induced hepatic apoptosis by concomitant administration of garlic extracts in mice. <i>Chemico-Biological Interactions</i> , <b>2009</b> , 177, 227-33	5	56
197	Beneficial effects of zinc supplementation during chelation treatment of lead intoxication in rats. <i>Toxicology</i> , <b>1990</b> , 64, 129-39	4.4	55
196	Co-administration of zinc and n-acetylcysteine prevents arsenic-induced tissue oxidative stress in male rats. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2006</b> , 20, 197-204	4.1	53
195	Effect of combined exposure to lead and ethanol on some biochemical indices in the rat. <i>Biochemical Pharmacology</i> , <b>1987</b> , 36, 537-41	6	52
194	Monoisoamyl dimercaptosuccinic acid abrogates arsenic-induced developmental toxicity in human embryonic stem cell-derived embryoid bodies: comparison with in vivo studies. <i>Biochemical Pharmacology</i> , <b>2009</b> , 78, 1340-9	6	51
193	Fluoride-induced changes in haem biosynthesis pathway, neurological variables and tissue histopathology of rats. <i>Journal of Applied Toxicology</i> , <b>2010</b> , 30, 63-73	4.1	50
192	Arsenic moiety in gallium arsenide is responsible for neuronal apoptosis and behavioral alterations in rats. <i>Toxicology and Applied Pharmacology</i> , <b>2009</b> , 240, 236-44	4.6	49
191	Nanotechnology in Wastewater Management: A New Paradigm Towards Wastewater Treatment. <i>Molecules</i> , <b>2021</b> , 26,	4.8	49
190	Therapeutic potential of meso 2,3-dimercaptosuccinic acid or 2,3-dimercaptopropane 1-sulfonate in chronic arsenic intoxication in rats. <i>BioMetals</i> , <b>1995</b> , 8, 111-6	3.4	47
189	A possible mechanism for combined arsenic and fluoride induced cellular and DNA damage in mice. <i>Metallomics</i> , <b>2012</b> , 4, 78-90	4.5	46
188	Neurobehavioral impairments, generation of oxidative stress and release of pro-apoptotic factors after chronic exposure to sulphur mustard in mouse brain. <i>Toxicology and Applied Pharmacology</i> , <b>2009</b> , 240, 208-18	4.6	46

187	Therapeutic potential of monoisoamyl and monomethyl esters of meso 2,3-dimercaptosuccinic acid in gallium arsenide intoxicated rats. <i>Toxicology</i> , <b>2004</b> , 195, 127-46	4.4	46
186	Quercetin administration during chelation therapy protects arsenic-induced oxidative stress in mice. <i>Biological Trace Element Research</i> , <b>2008</b> , 122, 137-47	4.5	45
185	Arsenic induced neuronal apoptosis in guinea pigs is Ca <sup>2+</sup> dependent and abrogated by chelation therapy: role of voltage gated calcium channels. <i>NeuroToxicology</i> , <b>2013</b> , 35, 137-45	4.4	44
184	Preventive and therapeutic effects of thiamine, ascorbic acid and their combination in lead intoxication. <i>Acta Pharmacologica Et Toxicologica</i> , <b>1986</b> , 58, 374-8		43
183	Arsenic and fluoride: two major ground water pollutants. <i>Indian Journal of Experimental Biology</i> , <b>2010</b> , 48, 666-78		42
182	Oral co-administration of lipoic acid, quercetin and captopril prevents gallium arsenide toxicity in rats. <i>Environmental Toxicology and Pharmacology</i> , <b>2009</b> , 28, 140-6	5.8	41
181	Alpha-lipoic acid protects oxidative stress, changes in cholinergic system and tissue histopathology during co-exposure to arsenic-dichlorvos in rats. <i>Environmental Toxicology and Pharmacology</i> , <b>2014</b> , 37, 7-23	5.8	40
180	Oral supplementation of gossypin during lead exposure protects alteration in heme synthesis pathway and brain oxidative stress in rats. <i>Nutrition</i> , <b>2010</b> , 26, 563-70	4.8	40
179	Beneficial effects of Centella asiatica aqueous extract against arsenic-induced oxidative stress and essential metal status in rats. <i>Phytotherapy Research</i> , <b>2007</b> , 21, 980-8	6.7	39
178	Meso 2,3-dimercaptosuccinic acid (DMSA) and monoisoamyl DMSA effect on gallium arsenide induced pathological liver injury in rats. <i>Toxicology Letters</i> , <b>2002</b> , 132, 9-17	4.4	39
177	Combinational chelation therapy abrogates lead-induced neurodegeneration in rats. <i>Toxicology and Applied Pharmacology</i> , <b>2009</b> , 240, 255-64	4.6	38
176	Protective role of trace metals in lead intoxication. <i>Toxicology Letters</i> , <b>1982</b> , 13, 51-6	4.4	38
175	Bacillus sp. strain DJ-1, potent arsenic hypertolerant bacterium isolated from the industrial effluent of India. <i>Journal of Hazardous Materials</i> , <b>2009</b> , 166, 1500-5	12.8	37
174	Arsenic antagonism studies with monoisoamyl DMSA and zinc in male mice. <i>Environmental Toxicology and Pharmacology</i> , <b>2005</b> , 19, 131-8	5.8	36
173	Beneficial role of monoesters of meso-2,3-dimercaptosuccinic acid in the mobilization of lead and recovery of tissue oxidative injury in rats. <i>Toxicology</i> , <b>2005</b> , 214, 39-56	4.4	35
172	Protective value of Aloe vera against some toxic effects of arsenic in rats. <i>Phytotherapy Research</i> , <b>2005</b> , 19, 23-8	6.7	35
171	Thiamine and zinc in prevention or therapy of lead intoxication. <i>Journal of International Medical Research</i> , <b>1989</b> , 17, 68-75	1.4	35
170	Advances in Multi-Functional Ligands and the Need for Metal-Related Pharmacology for the Management of Alzheimer Disease. <i>Frontiers in Pharmacology</i> , <b>2018</b> , 9, 1247	5.6	35

169	Changes in tissue oxidative stress, brain biogenic amines and acetylcholinesterase following co-exposure to lead, arsenic and mercury in rats. <i>Food and Chemical Toxicology</i> , <b>2015</b> , 86, 208-16	4-7	34
168	Biochemical and Immunotoxicological Evaluation of Metal Chelating Drugs in Rats. <i>Drug Investigation</i> , <b>1993</b> , 5, 269-273		34
167	Monoisoamyl dimercaptosuccinic acid induced changes in pregnant female rats during late gestation and lactation. <i>Reproductive Toxicology</i> , <b>2006</b> , 21, 94-103	3-4	33
166	Combined administration of taurine and meso 2,3-dimercaptosuccinic acid in the treatment of chronic lead intoxication in rats. <i>Human and Experimental Toxicology</i> , <b>2004</b> , 23, 157-66	3-4	33
165	Interaction of zinc, methionine or their combination with lead at gastrointestinal or post-absorptive level in rats. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>1991</b> , 68, 3-7		33
164	Time-dependent protective effect of selenium against cadmium-induced nephrotoxicity and hepatotoxicity. <i>Chemico-Biological Interactions</i> , <b>1982</b> , 42, 345-51	5	33
163	Acute oral gallium arsenide exposure and changes in certain hematological, hepatic, renal and immunological indices at different time intervals in male Wistar rats. <i>Toxicology Letters</i> , <b>1998</b> , 94, 103-134	4-4	32
162	Nanocrystals: An Overview of Fabrication, Characterization and Therapeutic Applications in Drug Delivery. <i>Current Pharmaceutical Design</i> , <b>2018</b> , 24, 5129-5146	3-3	32
161	Lead and ethanol co-exposure lead to blood oxidative stress and subsequent neuronal apoptosis in rats. <i>Alcohol and Alcoholism</i> , <b>2012</b> , 47, 92-101	3-5	31
160	Haematological, hepatic and renal alterations after repeated oral and intraperitoneal administration of monoisoamyl DMSA. II. Changes in female rats. <i>Journal of Applied Toxicology</i> , <b>2003</b> , 23, 97-102	4-1	31
159	Haematological, hepatic and renal alterations after repeated oral or intraperitoneal administration of monoisoamyl DMSA. I. Changes in male rats. <i>Journal of Applied Toxicology</i> , <b>2002</b> , 22, 359-69	4-1	30
158	Aluminum-induced oxidative stress in rat brain: response to combined administration of citric acid and HEDTA. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2003</b> , 134, 319-28	3-2	30
157	Monoisoamyl 2,3-dimercaptosuccinic acid attenuates arsenic induced toxicity: behavioral and neurochemical approach. <i>Environmental Toxicology and Pharmacology</i> , <b>2013</b> , 36, 231-42	5-8	29
156	Protective effects of selenium, calcium, and magnesium against arsenic-induced oxidative stress in male rats. <i>Arhiv Za Higijenu Rada I Toksikologiju</i> , <b>2010</b> , 61, 153-9	1-7	29
155	Role of selenium in protection against lead intoxication. <i>Acta Pharmacologica Et Toxicologica</i> , <b>1983</b> , 53, 28-32		29
154	Monoisoamyl 2, 3-dimercaptosuccinic acid (MiADMSA) demonstrates higher efficacy by oral route in reversing arsenic toxicity: a pharmacokinetic approach. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2012</b> , 110, 449-59	3-1	28
153	Isolation, identification and characterization of fluoride resistant bacteria: Possible role in bioremediation. <i>Applied Biochemistry and Microbiology</i> , <b>2012</b> , 48, 43-50	1-1	28
152	Arsenic, cadmium and lead <b>2011</b> , 415-438		28

151	Biochemical and histopathological changes in arsenic-intoxicated rats coexposed to ethanol. <i>Alcohol</i> , <b>1997</b> , 14, 563-8	2.7	28
150	Combined administration of N-acetylcysteine and monoisoamyl DMSA on tissue oxidative stress during arsenic chelation therapy. <i>Biological Trace Element Research</i> , <b>2006</b> , 110, 43-59	4.5	28
149	Arsenic accumulation by <i>Pseudomonas stutzeri</i> and its response to some thiol chelators. <i>Environmental Health and Preventive Medicine</i> , <b>2008</b> , 13, 257-63	4.2	27
148	Selenium effects on gallium arsenide induced biochemical and immunotoxicological changes in rats. <i>Chemico-Biological Interactions</i> , <b>1999</b> , 122, 1-13	5	27
147	Protective effects of fruit extracts of <i>Hippophae rhamnoides</i> L. against arsenic toxicity in Swiss albino mice. <i>Human and Experimental Toxicology</i> , <b>2006</b> , 25, 285-95	3.4	26
146	Chelation in metal intoxication XVIII: Combined effects of thiamine and calcium disodium versenate on lead toxicity. <i>Life Sciences</i> , <b>1986</b> , 38, 67-71	6.8	26
145	Lead induced disorders in hematopoietic and drug metabolizing enzyme system and their protection by ascorbic acid supplementation. <i>Biomedical and Environmental Sciences</i> , <b>1998</b> , 11, 7-14	1.1	26
144	Effects of combined exposure to dichlorvos and monocrotophos on blood and brain biochemical variables in rats. <i>Human and Experimental Toxicology</i> , <b>2010</b> , 29, 121-9	3.4	25
143	Cyanide Toxicity and its Treatment <b>2009</b> , 255-270		25
142	Changes in brain biogenic amines and haem biosynthesis and their response to combined administration of succimers and <i>Centella asiatica</i> in lead poisoned rats. <i>Journal of Pharmacy and Pharmacology</i> , <b>2006</b> , 58, 547-59	4.8	25
141	Chelation in metal intoxication. XXIV: Influence of various components of vitamin B complex on the therapeutic efficacy of disodium calcium versenate in lead intoxication. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>1987</b> , 60, 62-5		25
140	Arsenic and lead induced free radical generation and their reversibility following chelation. <i>Cellular and Molecular Biology</i> , <b>2007</b> , 53, 26-47	1.1	25
139	Possible Health Hazards Associated with the Use of Toxic Metals in Semiconductor Industries. <i>Journal of Occupational Health</i> , <b>2000</b> , 42, 105-110	2.3	24
138	Lead exposure: health effects, prevention and treatment. <i>Journal of Environmental Biology</i> , <b>2002</b> , 23, 25-41	1.6	24
137	Co-administration of monoisoamyl dimercaptosuccinic acid and <i>Moringa oleifera</i> seed powder protects arsenic-induced oxidative stress and metal distribution in mice. <i>Toxicology Mechanisms and Methods</i> , <b>2009</b> , 19, 169-82	3.6	23
136	Sodium tungstate induced neurological alterations in rat brain regions and their response to antioxidants. <i>Food and Chemical Toxicology</i> , <b>2015</b> , 82, 64-71	4.7	22
135	Therapeutic value of <i>Hippophae rhamnoides</i> L. against subchronic arsenic toxicity in mice. <i>Journal of Medicinal Food</i> , <b>2005</b> , 8, 353-61	2.8	22
134	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. <i>Environmental Toxicology and Pharmacology</i> , <b>1996</b> , 2, 315-20	5.8	22

133	Effects of combined administration of captopril and DMSA on arsenite induced oxidative stress and blood and tissue arsenic concentration in rats. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2007</b> , 144, 372-9	3.2	21
132	Effects of combined exposure to aluminium and ethanol on aluminium body burden and some neuronal, hepatic and haematopoietic biochemical variables in the rat. <i>Human and Experimental Toxicology</i> , <b>1991</b> , 10, 45-8	3.4	21
131	Arsenic and dichlorvos: Possible interaction between two environmental contaminants. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2016</b> , 35, 43-60	4.1	20
130	Combined exposure to lead and ethanol on tissue concentration of essential metals and some biochemical indices in rat. <i>Biological Trace Element Research</i> , <b>1991</b> , 28, 157-64	4.5	20
129	Lead induced oxidative stress and its recovery following co-administration of melatonin or N-acetylcysteine during chelation with succimer in male rats. <i>Cellular and Molecular Biology</i> , <b>2004</b> , 50 Online Pub, OL543-51	1.1	20
128	Nutritional management can assist a significant role in alleviation of arsenicosis. <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2018</b> , 45, 11-20	4.1	19
127	Interactive effect of arsenic and fluoride on cardio-respiratory disorders in male rats: possible role of reactive oxygen species. <i>BioMetals</i> , <b>2011</b> , 24, 615-28	3.4	19
126	Protective efficacy of 2-PAMCl, atropine and curcumin against dichlorvos induced toxicity in rats. <i>Interdisciplinary Toxicology</i> , <b>2012</b> , 5, 1-8	2.3	19
125	Influence of simultaneous supplementation of zinc and copper during chelation of lead in rats. <i>Human and Experimental Toxicology</i> , <b>1991</b> , 10, 331-6	3.4	19
124	Co-administration of meso 2,3-dimercaptosuccinic acid monoesters reduces arsenic concentration and oxidative stress in gallium arsenide exposed rats. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2011</b> , 38, 423-9	3	18
123	Arsenic Hyper-tolerance in Four Microbacterium Species Isolated from Soil Contaminated with Textile Effluent. <i>Toxicology International</i> , <b>2012</b> , 19, 188-94		18
122	Effects of meso-2,3-dimercaptosuccinic acid or 2,3-dimercaptopropane 1-sulfonate on beryllium-induced biochemical alterations and metal concentration in male rats. <i>Toxicology</i> , <b>1995</b> , 95, 167-75	4.4	18
121	Selenium nanoparticles: An insight on its Pro-oxidant and antioxidant properties. <i>Frontiers in Nanoscience and Nanotechnology</i> , <b>2019</b> , 6,	4.9	18
120	Effects of co-exposure to arsenic and dichlorvos on glutathione metabolism, neurological, hepatic variables and tissue histopathology in rats. <i>Toxicology Research</i> , <b>2014</b> , 3, 23-31	2.6	17
119	Effects of sodium tungstate on oxidative stress enzymes in rats. <i>Toxicology Mechanisms and Methods</i> , <b>2013</b> , 23, 519-27	3.6	17
118	Chronic arsenic poisoning following ayurvedic medication. <i>Journal of Medical Toxicology</i> , <b>2014</b> , 10, 395-82.6		17
117	Therapeutic Efficacy of a Few Diesters of Meso 2,3-Dimercaptosuccinic Acid during Sub-Chronic Arsenic Intoxication in Rats. <i>Journal of Occupational Health</i> , <b>1997</b> , 39, 119-123	2.3	17
116	Changes in certain hematological and physiological variables following single gallium arsenide exposure in rats. <i>Biological Trace Element Research</i> , <b>1997</b> , 58, 197-208	4.5	17



115	Combined administration of iron and monoisoamyl-DMSA in the treatment of chronic arsenic intoxication in mice. <i>Cell Biology and Toxicology</i> , <b>2007</b> , 23, 429-43	7.4	17
114	Essential metal status, prooxidant/antioxidant effects of MiADMSA in male rats: age-related effects. <i>Biological Trace Element Research</i> , <b>2007</b> , 120, 235-47	4.5	17
113	Heavy Metal-Induced Cerebral Small Vessel Disease: Insights into Molecular Mechanisms and Possible Reversal Strategies. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	16
112	Effects of zinc supplementation during chelating agent administration in cadmium intoxication in rats. <i>Journal of Applied Toxicology</i> , <b>1998</b> , 18, 357-62	4.1	16
111	Mobilization and distribution of beryllium over the course of chelation therapy with some polyaminocarboxylic acids in the rat. <i>Human and Experimental Toxicology</i> , <b>1993</b> , 12, 19-24	3.4	16
110	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. <i>Journal of Applied Toxicology</i> , <b>1989</b> , 9, 347-52	4.1	16
109	Comparative oxidative stress, metallothionein induction and organ toxicity following chronic exposure to arsenic, lead and mercury in rats. <i>Cellular and Molecular Biology</i> , <b>2014</b> , 60, 13-21	1.1	16
108	Combinatorial drug delivery strategy employing nano-curcumin and nano-MiADMSA for the treatment of arsenic intoxication in mouse. <i>Chemico-Biological Interactions</i> , <b>2018</b> , 286, 78-87	5	15
107	Effect of single gallium arsenide exposure on some biochemical variables in porphyrin metabolism in rats. <i>Journal of Applied Toxicology</i> , <b>1992</b> , 12, 333-4	4.1	15
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102	Silymarin and quercetin abrogates fluoride induced oxidative stress and toxic effects in rats. <i>Molecular and Cellular Toxicology</i> , <b>2011</b> , 7, 25-32	1.6	14
101	Biochemical changes and essential metals concentration in lead-intoxicated rats pre-exposed to ethanol. <i>Alcohol</i> , <b>1992</b> , 9, 241-5	2.7	14
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