

Mehdi Balali-Mood

List of Publications by Year in descending order

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Version: 2024-02-01

98
papers

3,866
citations

218677

26
h-index

133252

59
g-index

102
all docs

102
docs citations

102
times ranked

3173
citing authors

#	ARTICLE	IF	CITATIONS
1	Toxic Mechanisms of Five Heavy Metals: Mercury, Lead, Chromium, Cadmium, and Arsenic. <i>Frontiers in Pharmacology</i> , 2021, 12, 643972.	3.5	870
2	Effects of air pollution on human health and practical measures for prevention in Iran. <i>Journal of Research in Medical Sciences</i> , 2016, 21, 65.	0.9	356
3	Comparison of Early and Late Toxic Effects of Sulfur Mustard in Iranian Veterans. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2006, 99, 273-282.	2.5	276
4	The pharmacology, toxicology, and medical treatment of sulphur mustard poisoning. <i>Fundamental and Clinical Pharmacology</i> , 2005, 19, 297-315.	1.9	269
5	Long-term complications of sulphur mustard poisoning in severely intoxicated Iranian veterans. <i>Fundamental and Clinical Pharmacology</i> , 2005, 19, 713-721.	1.9	167
6	Treatment of organophosphate poisoning. Experience of nerve agents and acute pesticide poisoning on the effects of oximes. <i>Journal of Physiology (Paris)</i> , 1998, 92, 375-378.	2.1	125
7	Pattern of Acute Poisonings in Mashhad, Iran 1993â€“2000. <i>Journal of Toxicology: Clinical Toxicology</i> , 2004, 42, 965-975.	1.5	99
8	Advances in toxicology and medical treatment of chemical warfare nerve agents. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2012, 20, 81.	2.0	96
9	Late Respiratory Complications of Mustard Gas Poisoning in Iranian Veterans. <i>Inhalation Toxicology</i> , 2005, 17, 587-592.	1.6	85
10	Delayed complications of sulfur mustard poisoning in the skin and the immune system of Iranian veterans 16?20i½years after exposure. <i>International Journal of Dermatology</i> , 2006, 45, 1025-1031.	1.0	81
11	Effects of microsomal enzyme induction on paracetamol metabolism in man.. <i>British Journal of Clinical Pharmacology</i> , 1981, 12, 149-153.	2.4	78
12	Long-term hematological and immunological complications of sulfur mustard poisoning in Iranian veterans. <i>International Immunopharmacology</i> , 2005, 5, 1479-1485.	3.8	78
13	Delayed ocular complications of mustard gas poisoning and the relationship with respiratory and cutaneous complications. <i>Clinical and Experimental Ophthalmology</i> , 2006, 34, 342-346.	2.6	77
14	Medical aspects of bio-terrorism. <i>Toxicon</i> , 2013, 69, 131-142.	1.6	66
15	Recent advances in the treatment of organophosphorous poisonings. <i>Iranian Journal of Medical Sciences</i> , 2012, 37, 74-91.	0.4	62
16	Neurotoxic disorders of organophosphorus compounds and their managements. <i>Archives of Iranian Medicine</i> , 2008, 11, 65-89.	0.6	57
17	Delayed toxic effects of sulfur mustard on respiratory tract of Iranian veterans. <i>Human and Experimental Toxicology</i> , 2011, 30, 1141-1149.	2.2	52
18	Toxic hepatitis in a group of 20 male body-builders taking dietary supplements. <i>Food and Chemical Toxicology</i> , 2012, 50, 3826-3832.	3.6	46

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19	The effects of maternal diabetes on expression of insulin-like growth factor-1 and insulin receptors in male developing rat hippocampus. <i>Brain Structure and Function</i> , 2013, 218, 73-84.	2.3	39
20	Immunotoxicity induced in mice by subacute exposure to berberine. <i>Journal of Immunotoxicology</i> , 2016, 13, 255-262.	1.7	39
21	Comparison of Therapeutic Effects of Garlic and Penicillamine in Patients with Chronic Occupational Lead Poisoning. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2012, 110, 476-481.	2.5	38
22	Effect of High Doses of Sodium Bicarbonate in Acute Organophosphorous Pesticide Poisoning. <i>Clinical Toxicology</i> , 2005, 43, 571-574.	1.9	37
23	Delayed Neurological Complications of Sulphur Mustard and Tabun Poisoning in 43 Iranian Veterans. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2012, 111, 426-432.	2.5	32
24	Advances in treatment of acute sulfur mustard poisoning – a critical review. <i>Critical Reviews in Toxicology</i> , 2019, 49, 191-214.	3.9	32
25	The effect of <i>Zataria multiflora</i> on pulmonary function tests, hematological and oxidant/antioxidant parameters in sulfur mustard exposed veterans, a randomized doubled-blind clinical trial. <i>Environmental Toxicology and Pharmacology</i> , 2018, 58, 180-188.	4.0	29
26	Consensus statements on the approach to patients in a methanol poisoning outbreak. <i>Clinical Toxicology</i> , 2019, 57, 1129-1136.	1.9	29
27	Investigating the influence of polyplex size on toxicity properties of polyethylenimine mediated gene delivery. <i>Life Sciences</i> , 2018, 197, 101-108.	4.3	26
28	Plant toxins and acute medicinal plant poisoning in children: A systematic literature review. <i>Journal of Research in Medical Sciences</i> , 2018, 23, 26.	0.9	25
29	Recent Advances in the Clinical Management of Lead Poisoning. <i>Acta Medica Iranica</i> , 2015, 53, 327-36.	0.8	25
30	Biochemical and hematological findings of Khorasan veterans 23 years after sulfur mustard exposure. <i>Journal of Research in Medical Sciences</i> , 2013, 18, 855-9.	0.9	24
31	Urinary Mercury Excretion Following Amalgam Filling in Children. <i>Journal of Toxicology: Clinical Toxicology</i> , 2001, 39, 701-705.	1.5	21
32	Delayed head and neck complications of sulphur mustard poisoning in Iranian veterans. <i>Journal of Laryngology and Otology</i> , 2009, 123, 1150-1154.	0.8	21
33	Evaluation of anti-cancer and immunomodulatory effects of carnosol in a Balb/c WEHI-164 fibrosarcoma model. <i>Journal of Immunotoxicology</i> , 2015, 12, 231-238.	1.7	21
34	Developing a new sensitive solid-phase microextraction fiber based on carbon nanotubes for preconcentration of morphine. <i>Applied Nanoscience (Switzerland)</i> , 2018, 8, 2047-2056.	3.1	20
35	Spider bite (latrodectism) in Mashhad, Iran. <i>Human and Experimental Toxicology</i> , 2009, 28, 697-702.	2.2	19
36	Aflatoxin M1 contamination in commercial pasteurized milk from local markets in Fariman, Iran. <i>Mycotoxin Research</i> , 2013, 29, 271-274.	2.3	19

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37	Clinical, toxicological, biochemical, and hematologic parameters in lead exposed workers of a car battery industry. <i>Iranian Journal of Medical Sciences</i> , 2013, 38, 30-7.	0.4	19
38	Electrophysiological Changes in Patients with Acute Organophosphorous Pesticide Poisoning. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2011, 108, 251-255.	2.5	18
39	A new solid-phase microextraction fiber for separation and determination of methamphetamines in human urine using sol-gel technique. <i>Journal of Sol-Gel Science and Technology</i> , 2017, 81, 247-260.	2.4	18
40	Ursolic acid induced apoptotic cell death following activation of caspases in isolated human melanoma cells. <i>Cell Biology International</i> , 2015, 39, 230-236.	3.0	17
41	Long-term complications of sulfur mustard poisoning: retinal electrophysiological assessment in 40 severely intoxicated Iranian veterans. <i>International Journal of Retina and Vitreous</i> , 2017, 3, 7.	1.9	16
42	Rapid estimation of diflunisal in plasma and urine by high-performance liquid chromatography and a comparison with a fluorometric method. <i>Biomedical Applications</i> , 1982, 229, 234-240.	1.7	15
43	Solid-phase microextraction of ultra-trace amounts of tramadol from human urine by using a carbon nanotube/flower-shaped zinc oxide hollow fiber. <i>Journal of Separation Science</i> , 2016, 39, 4449-4457.	2.5	15
44	Black henbane and its toxicity - a descriptive review. <i>Avicenna Journal of Phytomedicine</i> , 2014, 4, 297-311.	0.2	15
45	Occupational Metallic Mercury Poisoning in Gilders. <i>International Journal of Occupational and Environmental Medicine</i> , 2016, 7, 116-122.	4.2	14
46	Failure of alkaline diuresis to enhance diflunisal elimination.. <i>British Journal of Clinical Pharmacology</i> , 1980, 10, 163-165.	2.4	13
47	Impact of scientific developments on the Chemical Weapons Convention (IUPAC Technical Report). <i>Pure and Applied Chemistry</i> , 2008, 80, 175-200.	1.9	13
48	Safranal as a safe compound to mice immune system. <i>Avicenna Journal of Phytomedicine</i> , 2015, 5, 441-9.	0.2	13
49	Evaluation of Allicin for the Treatment of Experimentally Induced Subacute Lead Poisoning in Sheep. <i>Biological Trace Element Research</i> , 2008, 126, 141-147.	3.5	11
50	Serum cytokine profiles of Khorasan veterans 23 years after sulfur mustard exposure. <i>Cytokine</i> , 2014, 70, 161-164.	3.2	11
51	Potential application of amino acids in analytical toxicology. <i>Talanta</i> , 2019, 197, 168-174.	5.5	10
52	Deoxyribonucleic acid damage in Iranian veterans 25 years after wartime exposure to sulfur mustard. <i>Journal of Research in Medical Sciences</i> , 2013, 18, 239-44.	0.9	10
53	Decreased Levels of Spleen Tissue CD4 + CD25 + Foxp3 + Regulatory T Lymphocytes in Mice Exposed to Berberine. <i>JAMS Journal of Acupuncture and Meridian Studies</i> , 2017, 10, 109-113.	0.7	9
54	Plant Extract and Herbal Products as Potential Source of Sorbent for Analytical Purpose: An Experimental Study of Morphine and Codeine Determination Using HPLC and LC-MS/MS. <i>Journal of Chromatographic Science</i> , 2021, 59, 482-489.	1.4	9

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55	Mercury poisoning in two 13-year-old twin sisters. <i>Journal of Research in Medical Sciences</i> , 2015, 20, 308-11.	0.9	9
56	Comparison of blood lead levels of mothers and cord blood in intrauterine growth retarded neonates and normal term neonates. <i>Journal of King Abdulaziz University, Islamic Economics</i> , 2007, 28, 877-80.	1.1	9
57	Letter to the Editor: "Use of high doses of sodium bicarbonate in acute organophosphorous pesticide poisoning is advancing". <i>Clinical Toxicology</i> , 2007, 45, 92-93.	1.9	8
58	Effect of amino acid substitution on biological activity of cyanophlyctin-1 ² and brevinin-2R. <i>Journal of Molecular Structure</i> , 2018, 1158, 14-18.	3.6	8
59	Progressive delayed respiratory complications of sulfur mustard poisoning in 43 Iranian veterans, three decades after exposure. <i>Human and Experimental Toxicology</i> , 2018, 37, 175-184.	2.2	8
60	Epidermal hydration and skin surface lipids in patients with long-term complications of sulfur mustard poisoning. <i>Journal of Research in Medical Sciences</i> , 2015, 20, 640.	0.9	8
61	Does N-acetyl cysteine have protective effects in acute aluminum phosphide poisoning?. <i>Indian Journal of Critical Care Medicine</i> , 2017, 21, 539-540.	0.9	8
62	Ethnic differences in the renal sodium-dopamine relationship: a possible explanation for regional variation in the prevalence of hypertension?. <i>European Journal of Clinical Pharmacology</i> , 1989, 37, 559-562.	1.9	8
63	Iran's scientists condemn instances of plagiarism. <i>Nature</i> , 2009, 462, 847-847.	27.8	7
64	DNA damage and repair proteins in cellular response to sulfur mustard in Iranian veterans more than two decades after exposure. <i>Toxicology Letters</i> , 2018, 293, 67-72.	0.8	7
65	Current status of the acquired immune system of Iranian patients with long-term complications of sulfur mustard poisoning. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2019, 27, 43-48.	2.0	7
66	Molecular modeling and experimental study of a new peptide-based microextraction fiber for preconcentrating morphine in urine samples. <i>Journal of Molecular Modeling</i> , 2019, 25, 54.	1.8	7
67	Rhabdomyolysis in 114 patients with acute poisonings. <i>Journal of Research in Medical Sciences</i> , 2015, 20, 239-43.	0.9	7
68	The therapeutic potential of thiamine for treatment of experimentally induced subacute lead poisoning in sheep. <i>Comparative Clinical Pathology</i> , 2010, 19, 69-73.	0.7	6
69	Arsenic and Lead Contaminations in Commercial Fruit Juices of Markets in Mashhad, Iran. <i>Iranian Journal of Toxicology</i> , 2018, 12, 15-20.	0.3	6
70	Further ethnic differences in the renal sodium-dopamine relationship. <i>Journal of Hypertension</i> , 1988, 6, S623-625.	0.5	5
71	The Biowarfare Agent Ricin. <i>Toxinology</i> , 2015, , 43-59.	0.2	5
72	Clinical Management of Organophosphorus Nerve Agents™ Poisonings. , 2014, , 177-212.		5

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73	Delayed Complications and Long-term Management of Sulfur Mustard Poisoning: Recent Advances by Iranian Researchers (Part I of II). Iranian Journal of Medical Sciences, 2018, 43, 103-124.	0.4	5
74	Delayed Complications and Long-Term Management of Sulfur Mustard Poisoning: A Narrative Review of Recent Advances by Iranian Researchers Part ٢: Clinical Management and Therapy. Iranian Journal of Medical Sciences, 2018, 43, 235-247.	0.4	5
75	Metal mercury poisoning in two boys initially treated for brucellosis in Mashhad, Iran. Human and Experimental Toxicology, 2012, 31, 193-196.	2.2	4
76	Mercury Contamination of Fish and Shrimp Samples Available in Markets of Mashhad, Iran. Bulletin of Environmental Contamination and Toxicology, 2013, 91, 267-271.	2.7	4
77	Preconcentration of morphine in urine sample using a green and solvent-free microextraction method. Green Processing and Synthesis, 2019, 8, 542-550.	3.4	4
78	Early and Delayed Effects of Sulfur Mustard in Iranian Veterans After the Iraqâ€“Iran Conflict. , 2015, , 37-46.		3
79	Status of clinical toxicology education and ethics in medical care of poisoned patients in the Islamic Republic of Iran and a comparison with other countries. Basic and Clinical Pharmacology and Toxicology, 2020, 126, 475-483.	2.5	3
80	Acute Phenobarbital Poisoning for the Management of Seizures in Newborns and Children; A Systematic Literature Review. CNS and Neurological Disorders - Drug Targets, 2021, 20, 174-180.	1.4	3
81	Increase in the Th1-Cell-Based Immune Response in Healthy Workers Exposed to Low-Dose Radiation - Immune System Status of Radiology Staff. Journal of Pharmacopuncture, 2017, 20, 107-111.	1.1	3
82	Blood lead concentrations in one- to seven-year-old children in Mashhad, Iran. Clinical Toxicology, 2007, 45, 812-813.	1.9	2
83	Innate Immune System Status of Sulphur Mustardâ€“Poisoned Iranian Veterans Three Decades after Exposure. Basic and Clinical Pharmacology and Toxicology, 2018, 123, 635-639.	2.5	2
84	Late Cardiac Complications of Sulfur Mustard Poisoning in 38 Iranian Veterans. Cardiovascular Toxicology, 2019, 19, 220-228.	2.7	2
85	Prooxidant-antioxidant balance in Iranian veterans exposed to mustard gas and its correlation with biochemical and hematological parameters. Drug and Chemical Toxicology, 2019, 42, 536-540.	2.3	2
86	Delayed Complications and Long-Term Effects of SM Poisonings: Experience of Iran-Iraq War. , 2015, , 101-134.		2
87	Ricin: A Review. , 2014, , 1-15.		2
88	Lack of FLT3-TKD835 gene mutation in toxicity of sulfur mustard in Iranian veterans. Iranian Journal of Basic Medical Sciences, 2015, 18, 862-6.	1.0	2
89	Controversy over the use of creatine as a safe dietary supplement. Food and Chemical Toxicology, 2013, 51, 455.	3.6	1
90	Clinical Pharmacology and Toxicology of Mustard Compounds. , 2015, , 63-99.		1

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91	Efficacy and expenses of succimer vs. d-penicillamine plus garlic in the treatment of lead poisoning: a retrospective cross-sectional study. DARU, Journal of Pharmaceutical Sciences, 2021, 29, 477-481.	2.0	1
92	Nerve Agents. , 2016, , 1-28.		1
93	History of Use and Epidemiology of Mustard Compounds. , 2015, , 29-47.		1
94	Nerve Agents. , 2017, , 2655-2682.		1
95	Therapeutic effects of HESA-A (a herbal-marine compound) in acute organophosphorus pesticide poisoning. Avicenna Journal of Phytomedicine, 2020, 10, 235-242.	0.2	1
96	Early and delayed effects of sulfur mustard in Iranian veterans after the Iraqâ€“Iran conflict. , 2020, , 55-65.		0
97	Sulfur Mustard Exposure and Non-Ischemic Central Retinal Vein Occlusion. Iranian Journal of Medical Sciences, 2016, 41, 59-63.	0.4	0
98	Narcotic drug abuse and other risk factors in 100 operated patients for acute cholecystitis in Birjand, Iran. Journal of King Abdulaziz University, Islamic Economics, 2008, 29, 698-702.	1.1	0