

Organophosphates and their impact on the global environment

NeuroToxicology

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Citation Report

#	ARTICLE	IF	CITATIONS
1	A toxicologist's guide to biomarkers of hepatic response. <i>Human and Experimental Toxicology</i> , 2002, 21, 253-262.	2.2	119
2	Sarin: health effects, metabolism, and methods of analysis. <i>Food and Chemical Toxicology</i> , 2002, 40, 1327-1333.	3.6	67
3	The role of oxidative stress in the in vitro induction of micronuclei by pesticides in mouse lung fibroblasts. <i>Mutagenesis</i> , 2003, 18, 127-132.	2.6	48
4	Future applications of phosphotriesterases in the prophylaxis and treatment of organophosphorus insecticide and nerve agent poisonings. <i>Toxicology Letters</i> , 2004, 151, 219-233.	0.8	125
5	Transforming growth factor- $\beta$ 1 upregulation is independent of angiotensin in paraquat-induced lung fibrosis. <i>Toxicology</i> , 2005, 216, 181-187.	4.2	26
6	Epidemiology of Acute Organophosphate Poisoning in Hospital Emergency Patients. <i>Reviews on Environmental Health</i> , 2005, 20, 215-32.	2.4	46
7	Extremely sensitive biomarker of acute organophosphorus insecticide exposure. <i>Human and Experimental Toxicology</i> , 2005, 24, 333-336.	2.2	29
8	Effects of repeated pesticide exposure on the peripheral and central nervous systems. <i>Toxicological and Environmental Chemistry</i> , 2006, 88, 595-601.	1.2	1
9	Synthesis of asymmetrical bispyridinium compounds bearing cyano-moiety and evaluation of their reactivation activity against tabun and paraoxon-inhibited acetylcholinesterase. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006, 16, 5673-5676.	2.2	35
10	Structure, function and regulation of carboxylesterases. <i>Chemico-Biological Interactions</i> , 2006, 162, 195-211.	4.0	425
11	Global Epidemiology of Organophosphate and Carbamate Poisonings. , 2006, , 89-100.		12
12	Prediction of acute toxicity of organophosphorus pesticides using topological indices. <i>SAR and QSAR in Environmental Research</i> , 2007, 18, 745-755.	2.2	18
13	Antioxidant response of a novel <i>Streptomyces</i> sp. M3004 isolated from legume rhizosphere to H <sub>2</sub> O <sub>2</sub> and paraquat. <i>Process Biochemistry</i> , 2007, 42, 235-243.	3.7	14
14	Is plasma $\beta$ -glucuronidase a novel human biomarker for monitoring anticholinesterase pesticides exposure? A Malaysian experience. <i>Toxicology and Applied Pharmacology</i> , 2007, 219, 210-216.	2.8	22
15	Applications of Carboxylesterase Activity in Environmental Monitoring and Toxicity Identification Evaluations (TIEs). <i>Reviews of Environmental Contamination and Toxicology</i> , 2008, 195, 117-178.	1.3	126
16	Synthesis of monooxime-monocarbamoyl bispyridinium compounds bearing ( <i>E</i> )-but-2-ene linker and evaluation of their reactivation activity against tabun- and paraoxon-inhibited acetylcholinesterase. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2008, 23, 70-76.	5.2	61
17	The unreported morbidity of suicidal poisonings during an insurgency: a 16-year Kashmir experience. <i>Tropical Doctor</i> , 2008, 38, 170-171.	0.5	1
18	Epidemiology of organophosphate pesticide poisoning in Taiwan. <i>Clinical Toxicology</i> , 2008, 46, 794-801.	1.9	51

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19	Effects of subchronic chlorfenvinphos administration on liver antioxidative parameters and lipid peroxidation marker in experimental rats. <i>Toxicological and Environmental Chemistry</i> , 2008, 90, 7-13.	1.2	4
20	Chymase mediates paraquat-induced collagen production in human lung fibroblasts. <i>Toxicology Letters</i> , 2010, 193, 19-25.	0.8	17
21	Paraquat increases connective tissue growth factor and collagen expression via angiotensin signaling pathway in human lung fibroblasts. <i>Toxicology in Vitro</i> , 2010, 24, 803-808.	2.4	15
22	The Leydig Cell as a Target for Toxicants. , 2010, , 131-148.		1
23	Carboxylesterase inhibitors. <i>Expert Opinion on Therapeutic Patents</i> , 2011, 21, 1159-1171.	5.0	99
24	Trends in poisoning hospitalization and mortality in Taiwan, 1999-2008: a retrospective analysis. <i>BMC Public Health</i> , 2011, 11, 703.	2.9	25
27	Research on human burden/toxicants. <i>Kaohsiung Journal of Medical Sciences</i> , 2012, 28, S1-2.	1.9	0
28	Organophosphate-induced brain damage: Mechanisms, neuropsychiatric and neurological consequences, and potential therapeutic strategies. <i>NeuroToxicology</i> , 2012, 33, 391-400.	3.0	176
29	Comparative investigation of the reaction mechanisms of the organophosphate-degrading phosphotriesterases from <i>Agrobacterium radiobacter</i> (OpdA) and <i>Pseudomonas diminuta</i> (OPH). <i>Journal of Biological Inorganic Chemistry</i> , 2014, 19, 1263-1275.	2.6	51
30	Recent progress in the discovery of natural inhibitors against human carboxylesterases. <i>FÃ-toterapÃ-Ã¢</i> , 2017, 117, 84-95.	2.2	64
31	A sensitive immunoassay for parathion based on covalent linkage between small molecules hapten microtiter plates surface. <i>Journal of the Iranian Chemical Society</i> , 2017, 14, 257-268.	2.2	0
32	The Leydig Cell as a Target for Toxicants. , 2018, , 96-111.		0
33	One-year mortality among hospital survivors of cholinesterase inhibitor poisoning based on Taiwan National Health Insurance Research Database from 2003 to 2012. <i>BMC Pharmacology &amp; Toxicology</i> , 2018, 19, 72.	2.4	7
34	Oxidative and histopathological alterations after sub-acute exposure of diisopropyl phosphorofluoridate in mice: Beneficial effect of Nâ€acetylcysteine. <i>Life Sciences</i> , 2019, 228, 98-111.	4.3	4
35	Starting ketamine for neuroprotection earlier than its current use as an anesthetic/antiepileptic drug late in refractory status epilepticus. <i>Epilepsia</i> , 2019, 60, 373-380.	5.1	29
36	Ovicidal, pupicidal and bactericidal effects of aminopyridinium-based ionic liquids on <i>Culex pipiens</i> and certain human pathogenic bacteria. <i>Journal of Taibah University for Science</i> , 2020, 14, 1503-1513.	2.5	0
37	Toxicity and Novel Biomarkers of OP Exposure. , 2014, , 119-139.		2
38	In vitro reactivation potency of bispyridinium (E)-but-2-ene linked acetylcholinesterase reactivators against tabun-inhibited acetylcholinesterase. <i>Journal of Applied Biomedicine</i> , 2007, 5, 25-30.	1.7	15

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39	Knowledge, Attitudes, Practices of Farmers Exposed to Pesticides at Banikoara Township (Republic of Tj ETQq0 0 QrgBT /Overlock 10 T	1.6	0
40	Recent advances in the treatment of organophosphorous poisonings. Iranian Journal of Medical Sciences, 2012, 37, 74-91.	0.4	62