

Organophosphate Pesticides: Biochemistry and Clinical

Therapeutic Drug Monitoring

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Practical Guidelines for Acute Care of Victims of Bioterrorism: Conventional Injuries and Concomitant Nerve Agent Intoxication. <i>Anesthesiology</i> , 2002, 97, 989-1004.	1.3	98
2	Paraoxon induces apoptosis in EL4 cells via activation of mitochondrial pathways. <i>Toxicology and Applied Pharmacology</i> , 2003, 190, 47-57.	1.3	82
3	Influence of paraoxon (POX) and parathion (PAT) on apoptosis: a possible mechanism for toxicity in low-dose exposure. <i>Journal of Applied Toxicology</i> , 2003, 23, 23-29.	1.4	37
4	Effect of malathion on apoptosis of murine L929 fibroblasts: a possible mechanism for toxicity in low dose exposure.. <i>Toxicology</i> , 2003, 185, 89-102.	2.0	61
5	Fish tolerance to organophosphate-induced oxidative stress is dependent on the glutathione metabolism and enhanced by N-acetylcysteine. <i>Aquatic Toxicology</i> , 2003, 65, 337-360.	1.9	227
6	Use of biomarkers to indicate exposure of children to organophosphate pesticides: implications for a longitudinal study of children's environmental health.. <i>Environmental Health Perspectives</i> , 2003, 111, 1939-1946.	2.8	162
7	Sources of exposure to and public health implications of organophosphate pesticides. <i>Revista Panamericana De Salud Publica/Pan American Journal of Public Health</i> , 2003, 14, 171-185.	0.6	172
8	Accidental Organophosphate Insecticide Poisoning: a Fatal Child case with Hazards to Emergency Department Staff. <i>Hong Kong Journal of Emergency Medicine</i> , 2003, 10, 248-252.	0.4	0
9	SUBLETHAL DOSES OF MALATHION ALTER MALE REPRODUCTIVE PARAMETERS OF <i>Eisenia foetida</i> . <i>International Journal of Morphology</i> , 2004, 22, 297.	0.1	16
10	Genomic filtering: an approach to discovering novel antiparasitics. <i>Trends in Parasitology</i> , 2004, 20, 462-468.	1.5	60
11	Kinetic analysis of interactions between human acetylcholinesterase, structurally different organophosphorus compounds and oximes. <i>Biochemical Pharmacology</i> , 2004, 68, 2237-2248.	2.0	434
12	Insecticides. <i>Current Treatment Options in Neurology</i> , 2004, 6, 17-23.	0.7	11
13	The Effects of Fresh Frozen Plasma on Cholinesterase Levels and Outcomes in Patients with Organophosphate Poisoning. <i>Journal of Toxicology: Clinical Toxicology</i> , 2004, 42, 617-623.	1.5	58
14	Activation of Phosphorothionate Pesticides Based on a Cytochrome P450 BM-3 (CYP102 A1) Mutant for Expanded Neurotoxin Detection in Food Using Acetylcholinesterase Biosensors. <i>Analytical Chemistry</i> , 2004, 76, 1720-1725.	3.2	41
15	Protective effect of polyurethane immobilized human butyrylcholinesterase against parathion inhalation in rat. <i>Environmental Toxicology and Pharmacology</i> , 2004, 16, 179-185.	2.0	13
16	Current Concepts in Treatment of Agents of Mass Destruction. <i>Refresher Courses in Anesthesiology</i> , 2004, 32, 19-28.	0.1	0
17	Antioxidant defenses and lipid peroxidation in the cerebral cortex and hippocampus following acute exposure to malathion and/or zinc chloride. <i>Toxicology</i> , 2005, 207, 283-291.	2.0	69
18	Inhibition of N-methyl-d-aspartate receptors increases paraoxon-induced apoptosis in cultured neurons. <i>Toxicology and Applied Pharmacology</i> , 2005, 208, 57-67.	1.3	12

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19	Diagnostic aspects of organophosphate poisoning. <i>Toxicology</i> , 2005, 214, 182-189.	2.0	136
20	New enzymatic immobilized biocatalysts for detoxification of organophosphorus compounds. <i>Biocatalysis and Biotransformation</i> , 2005, 23, 103-108.	1.1	16
21	36-Year-Old Woman With Loss of Consciousness, Fever, and Tachycardia. <i>Mayo Clinic Proceedings</i> , 2005, 80, 667-670.	1.4	4
22	Extrapyramidal Parkinsonism Complicating Acute Organophosphate Insecticide Poisoning. <i>Pediatric Neurology</i> , 2005, 33, 378-382.	1.0	22
23	A case study of acute human chlorpyrifos poisoning: Novel aspects on metabolism and toxicokinetics derived from liquid chromatography-tandem mass spectrometry analysis of urine samples. <i>Toxicology Letters</i> , 2005, 159, 235-251.	0.4	50
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25	Involvement of apoptosis in malathion-induced cytotoxicity in a grass carp (<i>Ctenopharyngodon</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 50. <i>Toxicology Letters</i> , 2006, 142, 36-45.	1.3	30
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27	Drugs, their targets and the nature and number of drug targets. <i>Nature Reviews Drug Discovery</i> , 2006, 5, 821-834.	21.5	702
28	Properties of hexahistidine-tagged organophosphate hydrolase. <i>Biochemistry (Moscow)</i> , 2006, 71, 167-172.	0.7	40
29	Structural Changes of Phenylalanine 338 and Histidine 447 Revealed by the Crystal Structures of Tabun-Inhibited Murine Acetylcholinesterase. <i>Biochemistry</i> , 2006, 45, 74-81.	1.2	143
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33	Purification of His6-tagged organophosphate hydrolase using monolithic supermacroporous polyacrylamide cryogels developed for immobilized metal affinity chromatography. <i>Applied Microbiology and Biotechnology</i> , 2006, 70, 558-563.	1.7	65
34	Tissue-specific antioxidative and neurotoxic responses to diazinon in <i>Oreochromis niloticus</i> . <i>Pesticide Biochemistry and Physiology</i> , 2006, 84, 215-226.	1.6	62
35	Potential Uses of Biomonitoring Data: A Case Study Using the Organophosphorus Pesticides Chlorpyrifos and Malathion. <i>Environmental Health Perspectives</i> , 2006, 114, 1763-1769.	2.8	112
36	Interactions of Organophosphorus and Carbamate Compounds with Cholinesterases. , 2006, , 209-218.		20

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37	Increased morbidity and mortality in acute human organophosphate-poisoned patients treated by oximes: a meta-analysis of clinical trials. <i>Human and Experimental Toxicology</i> , 2006, 25, 157-162.	1.1	102
38	Unequal Efficacy of Pyridinium Oximes in Acute Organophosphate Poisoning. <i>Clinical Medicine and Research</i> , 2007, 5, 71-82.	0.4	201
39	<i>In vivo</i> Alterations in Glutathione-Related Processes, Lipid Peroxidation, and Cholinesterase Enzyme Activities in the Liver of Diazinon-Exposed <i>Oreochromis niloticus</i> . <i>Toxicology Mechanisms and Methods</i> , 2007, 17, 317-324.	1.3	7
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49	Human paraoxonase: A promising approach for pre-treatment and therapy of organophosphorus poisoning. <i>Toxicology</i> , 2007, 233, 47-59.	2.0	137
50	Novel Nerve-Agent Antidote Design Based on Crystallographic and Mass Spectrometric Analyses of Tabun-Conjugated Acetylcholinesterase in Complex with Antidotes. <i>Clinical Pharmacology and Therapeutics</i> , 2007, 82, 282-293.	2.3	73
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76	Protective effect of reduced glutathione on the respiratory muscle injury induced by acute omethoate poisoning. <i>Pesticide Biochemistry and Physiology</i> , 2009, 95, 135-140.	1.6	2
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87	Cardiac damage in acute organophosphate poisoning in rats: Effects of atropine and pralidoxime. <i>American Journal of Emergency Medicine</i> , 2009, 27, 169-175.	0.7	21
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113	Clinical profile and outcome of patients hospitalized with dimethyl and diethyl organophosphate poisoning. <i>Clinical Toxicology</i> , 2010, 48, 916-923.	0.8	29
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117	Toxic influence of organophosphate, carbamate, and organochlorine pesticides on cellular metabolism of lipids, proteins, and carbohydrates. <i>Human and Experimental Toxicology</i> , 2011, 30, 1119-1140.	1.1	338
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