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Review of the toxicology of chlorpyrifos with an emphasis on human exposure and neurodevelopment

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#	Paper	IF	Citations
474	Levels of metabolites of organophosphate pesticides, phthalates, and bisphenol A in pooled urine specimens from pregnant women participating in the Norwegian Mother and Child Cohort Study (MoBa). 2009 , 212, 481-91		129
473	A human stem cell-based model for identifying adverse effects of organic and inorganic chemicals on the developing nervous system. 2009 , 27, 2591-601		101
472	Effects of phenyl saligenin phosphate on cell viability and transglutaminase activity in N2a neuroblastoma and HepG2 hepatoma cell lines. <i>Toxicology in Vitro</i> , 2009 , 23, 1559-63	3.6	8
471	Genetic polymorphism in paraoxonase 1 (PON1): Population distribution of PON1 activity. 2009 , 12, 473-507		53
470	Risk Assessment of Fenthion Oxide Derivatives in Aqueous Environment. 2010 , 8, 215-221		
469	Investigation of the acute toxic effect of chlorpyrifos on <i>Pseudomonas putida</i> in a sterilized soil environment monitored by microcalorimetry. 2010 , 58, 587-93		8
468	Association between organophosphate pesticides exposure and thyroid hormones in floriculture workers. 2010 , 243, 19-26		78
467	Toxicogenomic profiling in maternal and fetal rodent brains following gestational exposure to chlorpyrifos. 2010 , 245, 310-25		37
466	Effect of in vivo nicotine exposure on chlorpyrifos pharmacokinetics and pharmacodynamics in rats. 2010 , 184, 449-57		12
465	Toxicokinetic variation in 15 freshwater arthropod species exposed to the insecticide chlorpyrifos. 2010 , 29, 2225-34		64
464	Gene-environmental interactions and organophosphate toxicity. 2010 , 278, 294-304		26
463	Human variation in CYP-specific chlorpyrifos metabolism. 2010 , 276, 184-91		45
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454	Hypothesis-based weight-of-evidence evaluation of the neurodevelopmental effects of chlorpyrifos. <i>Critical Reviews in Toxicology</i> , 2011 , 41, 822-903	5-7 21
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445	Organophosphates dysregulate dopamine signaling, glutamatergic neurotransmission, and induce neuronal injury markers in striatum. 2011 , 119, 303-13	65
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4 ¹⁹	Sex dimorphic behaviors as markers of neuroendocrine disruption by environmental chemicals: the case of chlorpyrifos. <i>NeuroToxicology</i> , 2012 , 33, 1420-1426	4.4	51
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4 ¹¹	Organophosphate pesticide levels in blood and urine of women and newborns living in an agricultural community. 2012 , 117, 8-16		87
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161	Use of computational toxicology (CompTox) tools to predict in vivo toxicity for risk assessment. 2020 , 116, 104724		1
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106	Pesticides and aging: Prewaning exposure to Chlorpyrifos induces a general hypomotricity state in late-adult rats. <i>NeuroToxicology</i> , 2021 , 86, 69-77	4.4	0
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103	Preparation and characterization of new adsorbent from Cinnamon waste by physical activation for removal of Chlorpyrifos. 2021 , 5, 100208		3
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93	Application of a mathematical model to describe the effects of chlorpyrifos on <i>Caenorhabditis elegans</i> development. 2009 , 4, e7024	43
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