Eugenio Vilanova

List of Publications by Year
in descending order

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131 papers	2,947 citations	257450 24 h-index	197818 49 g-index
146 all docs	146 docs citations	146 times ranked	2428 citing authors

#	Article	IF	Citations
1	Enzymes involved in the detoxification of organophosphorus, carbamate and pyrethroid insecticides through hydrolysis. Toxicology Letters, 2002, 128, 215-228.	0.8	476
2	A simple and rapid HPLCâ€“MS method for the simultaneous determination of epinephrine, norepinephrine, dopamine and 5-hydroxytryptamine: Application to the secretion of bovine chromaffin cell cultures. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2007, 847, 88-94.	2.3	413
3	Future applications of phosphotriesterases in the prophylaxis and treatment of organophosporus insecticide and nerve agent poisonings. Toxicology Letters, 2004, 151, 219-233.	0.8	125
4	Dichlorophenyl phosphoramidates as substrates for avian and mammalian liver phosphotriesterases: activity levels, calcium dependence and stereospecificity. Chemico-Biological Interactions, 1999, 119-120, 257-262.	4.0	75
5	The Role of Phosphotriesterases in the Detoxication of Organophosphorus Compounds. Critical Reviews in Toxicology, 1999, 29, 21-57.	3.9	74
6	New insights on molecular interactions of organophosphorus pesticides with esterases. Toxicology, 2017, 376, 30-43.	4.2	63
7	Tyrosine hydroxylase activity of immobilized tyrosinase on enzacryl-AA and CPG-AA supports: Stabilization and properties. Biotechnology and Bioengineering, 1984, 26, 1306-1312.	3.3	58
8	Serum Albumin is as Efficient as Paraxonase in the Detoxication of Paraoxon at Toxicologically Relevant Concentrations. Chemical Research in Toxicology, 2008, 21, 1524-1529.	3.3	56
9	Anomalous biochemical responses in tests of the delayed neuropathic potential of methamidophos (O,S-dimethyl phosphorothioamidate), its resolved isomers and of some higher O-alkyl homologues. Archives of Toxicology, 1991, 65, 618-624.	4.2	51
10	Interaction of some unsubstituted phosphoramidate analogs of methamidophos (O,S-dimethyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 38 Pesticide Biochemistry and Physiology, 1987, 28, 224-238.	3.6	48
11	Model equations for the kinetics of covalent irreversible enzyme inhibition and spontaneous reactivation: Esterases and organophosphorus compounds. Critical Reviews in Toxicology, 2009, 39, 427-448.	3.9	45
12	Enzyme Concentration as an Important Factor in the In Vitro Testing of the Stereospecificity of the Enzymatic Hydrolysis of Organophosphorus Compounds. Toxicology in Vitro, 1999, 13, 689-692.	2.4	44
13	An integrated approach for detecting embryotoxicity and developmental toxicity of environmental contaminants using in vitro alternative methods. Toxicology Letters, 2014, 230, 356-367.	0.8	41
14	Soluble and Participate Forms of the Organophosphorus Neuropathy Target Esterase in Hen Sciatic Nerve. Journal of Neurochemistry, 1990, 55, 1258-1265.	3.9	40
15	Phosphotriesterase activity identified in purified serum albumins. Archives of Toxicology, 1998, 72, 219-226.	4.2	37
16	Serum albumins and detoxication of anti-cholinesterase agents. Chemico-Biological Interactions, 2010, 187, 325-329.	4.0	37
17	Biochemical and clinical tests of the delayed neuropathic potential of some O-alkylO-dichlorophenyl phosphoramidate analogues of methamidophos (O,S-dimethyl phosphorothioamidate). Toxicology, 1989, 54, 89-100.	4.2	34
18	Cell Viability Effects and Antioxidant and Antimicrobial Activities of Tunisian Date Syrup (Rub El) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	5.2	33

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19	Chlorpyrifos and its metabolites alter gene expression at non-cytotoxic concentrations in D3 mouse embryonic stem cells under in vitro differentiation: Considerations for embryotoxic risk assessment. Toxicology Letters, 2013, 217, 14-22.	0.8	33
20	Hydrolysis of carbaryl by human serum albumin. Archives of Toxicology, 2004, 78, 629-634.	4.2	27
21	Detection of clinical interactions between methadone and anti-retroviral compounds using an enantioselective capillary electrophoresis for methadone analysis. Toxicology Letters, 2004, 151, 243-249.	0.8	27
22	Chicken Serum Albumin Hydrolyzes Dichlorophenyl Phosphoramidates by a Mechanism Based on Transient Phosphorylation. Chemical Research in Toxicology, 1998, 11, 1441-1446.	3.3	26
23	Peripheral nerve soluble esterases are spontaneously reactivated after inhibition by paraoxon: implications for a new definition of neuropathy target esterase. Chemico-Biological Interactions, 1999, 119-120, 541-550.	4.0	26
24	An alternative in vitro method for detecting neuropathic compounds based on acetylcholinesterase inhibition and on inhibition and aging of neuropathy target esterase (NTE). Toxicology in Vitro, 2010, 24, 942-952.	2.4	25
25	Distribution and some biochemical properties of rat paraoxonase activity. Neurotoxicology and Teratology, 1990, 12, 611-614.	2.4	24
26	The inhibition of the high sensitive peripheral nerve soluble esterases by mipafox. Toxicology Letters, 2004, 151, 171-181.	0.8	24
27	An in vitro approach for demonstrating the critical role of serum albumin in the detoxication of the carbamate carbaryl at in vivo toxicologically relevant concentrations. Archives of Toxicology, 2007, 81, 113-119.	4.2	24
28	Inhibition with spontaneous reactivation and the â€œongoing inhibitionâ€• effect of esterases by biotinylated organophosphorus compounds: S9B as a model. Chemico-Biological Interactions, 2010, 187, 397-402.	4.0	23
29	Inhibition with Spontaneous Reactivation of Carboxyl Esterases by Organophosphorus Compounds: Paraoxon as a Model. Chemical Research in Toxicology, 2011, 24, 135-143.	3.3	23
30	Roles of NTE protein and encoding gene in development and neurodevelopmental toxicity. Chemico-Biological Interactions, 2016, 259, 352-357.	4.0	23
31	Plasma phenylacetate and 1-naphthyl acetate hydrolyzing activities of wild birds as possible non-invasive biomarkers of exposure to organophosphorus and carbamate insecticides. Toxicology Letters, 2007, 168, 278-285.	0.8	22
32	Genomic and Phenotypic Alterations of the Neuronal-Like Cells Derived from Human Embryonal Carcinoma Stem Cells (NT2) Caused by Exposure to Organophosphorus Compounds Paraoxon and Mipafox. International Journal of Molecular Sciences, 2014, 15, 905-926.	4.1	22
33	Cytotoxic effect against 3T3 fibroblasts cells of saffron floral bio-residues extracts. Food Chemistry, 2014, 147, 55-59.	8.2	22
34	Discrimination of carboxylesterases of chicken neural tissue by inhibition with a neuropathic, non-neuropathic organophosphorus compounds and neuropathy promoter. Chemico-Biological Interactions, 1997, 106, 191-200.	4.0	21
35	Cholinesterase assay by an efficient fixed time endpoint method. MethodsX, 2014, 1, 258-263.	1.6	21
36	Organophosphorus Pesticide Chlorpyrifos and Its Metabolites Alter the Expression of Biomarker Genes of Differentiation in D3 Mouse Embryonic Stem Cells in a Comparable Way to Other Model Neurodevelopmental Toxicants. Chemical Research in Toxicology, 2014, 27, 1487-1495.	3.3	21

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37	Partial characterization of neuropathy target esterase and related phenyl valerate esterases from bovine adrenal medulla. Journal of Biochemical Toxicology, 1994, 9, 145-152.	0.4	20
38	Rabbit Serum Albumin Hydrolyzes the Carbamate Carbaryl. Chemical Research in Toxicology, 2002, 15, 520-526.	3.3	20
39	Sciatic nerve neuropathy target esterase. Methods of assay, proximo-distal distribution and regeneration. Toxicology, 1988, 49, 107-114.	4.2	19
40	Expression of Neuropathy Target Esterase in mouse embryonic stem cells during differentiation. Archives of Toxicology, 2010, 84, 481-491.	4.2	19
41	Kinetics of inhibition of soluble peripheral nerve esterases by PMSF: a non-stable compound that potentiates the organophosphorus-induced delayed neurotoxicity. Archives of Toxicology, 2012, 86, 767-777.	4.2	19
42	A stereospecific phosphotriesterase in hen liver and brain. Chemico-Biological Interactions, 1998, 108, 187-196.	4.0	18
43	Kinetics of the inhibitory interaction of organophosphorus neuropathy inducers and non-inducers in soluble esterases in the avian nervous system. Toxicology and Applied Pharmacology, 2011, 256, 360-368.	2.8	18
44	NTE and non-NTE esterases in brain membrane: Kinetic characterization with organophosphates. Toxicology, 2012, 297, 17-25.	4.2	18
45	Silencing of PNPLA6, the neuropathy target esterase (NTE) codifying gene, alters neurodifferentiation of human embryonal carcinoma stem cells (NT2). Neuroscience, 2014, 281, 54-67.	2.3	18
46	Case study: Is bisphenol S safer than bisphenol A in thermal papers?. Archives of Toxicology, 2019, 93, 1835-1852.	4.2	18
47	Inhibition and aging of neuropathy target esterase by the stereoisomers of a phosphoramidate related to methamidophos. Toxicology Letters, 1997, 93, 95-102.	0.8	17
48	Soluble and Particulate Organophosphorus Neuropathy Target Esterase in Brain and Sciatic Nerve of the Hen, Cat, Rat, and Chick. Journal of Neurochemistry, 1993, 61, 2164-2168.	3.9	16
49	Shortening and Improving the Embryonic Stem Cell Test through the Use of Gene Biomarkers of Differentiation. Journal of Toxicology, 2011, 2011, 1-8.	3.0	16
50	Hen liver and plasma can metabolize hexyl-DCP phosphoramidate at a rate comparable to that of rat. Neurotoxicology and Teratology, 1990, 12, 615-617.	2.4	15
51	Biochemical properties and possible toxicological significance of various forms of NTE. Chemico-Biological Interactions, 1993, 87, 369-381.	4.0	15
52	Functional pathways altered after silencing Pnpla6 (the codifying gene of neuropathy target esterase) in mouse embryonic stem cells under differentiation. In Vitro Cellular and Developmental Biology - Animal, 2014, 50, 261-273.	1.5	15
53	Chiral high-performance liquid chromatography and gas chromatography of the stereoisomers of hexyl 2,5-dichlorophenyl phosphoramidate. Biomedical Applications, 1993, 622, 179-186.	1.7	14
54	NTE soluble isoforms: new perspectives for targets of neuropathy inducers and promoters. Chemico-Biological Interactions, 1999, 119-120, 525-540.	4.0	14

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55	Properties of phenyl valerate esterase activities from chicken serum are comparable with soluble esterases of peripheral nerves in relation with organophosphorus compounds inhibition. Toxicology Letters, 2003, 142, 1-10.	0.8	14
56	RNA transcripts for the quantification of differentiation allow marked improvements in the performance of embryonic stem cell test (EST). Toxicology Letters, 2015, 238, 60-69.	0.8	14
57	Effects of silver nanoparticles on T98G human glioblastoma cells. Toxicology and Applied Pharmacology, 2020, 404, 115178.	2.8	14
58	Reversible inhibition can profoundly mislead studies on progressive inhibition of enzymes: the interaction of paraoxon with soluble neuropathy target esterase. Chemico-Biological Interactions, 1997, 108, 19-25.	4.0	13
59	Stereospecific hydrolysis of a phosphoramidate as a model to understand the role of biotransformation in the neurotoxicity of chiral organophosphorus compounds. Toxicology Letters, 2007, 170, 157-164.	0.8	13
60	Phenylmethylsulfonyl Fluoride, a Potentiator of Neuropathy, Alters the Interaction of Organophosphorus Compounds with Soluble Brain Esterases. Chemical Research in Toxicology, 2012, 25, 2393-2401.	3.3	13
61	Interaction between substrates suggests a relationship between organophosphorus-sensitive phenylvalerate- and acetylcholine-hydrolyzing activities in chicken brain. Toxicology Letters, 2014, 230, 132-138.	0.8	13
62	The kinetics of O-hexyl O-2,5-dichlorophenyl phosphoramidate hydrolysing activity in hen plasma. Chemico-Biological Interactions, 1993, 87, 117-125.	4.0	12
63	In vivo inhibition by mipafox of soluble and particulate forms of organophosphorus neuropathy target esterase (NTE) in hen sciatic nerve. Toxicology Letters, 1994, 71, 47-51.	0.8	12
64	Stereospecific hydrolysis of a phosphoramidate used as an OPIDP model by human sera with PON1 192 alloforms. Archives of Toxicology, 2015, 89, 1801-1809.	4.2	12
65	Local application of neuropathic organophosphorus compounds to hen sciatic nerve: Inhibition of neuropathy target esterase and peripheral neurological impairments. Toxicology and Applied Pharmacology, 1992, 117, 218-225.	2.8	11
66	Separating esterase targets of organophosphorus compounds in the brain by preparative chromatography. Toxicology Letters, 2014, 225, 167-176.	0.8	11
67	Effects of mipafox, paraoxon, chlorpyrifos and its metabolite chlorpyrifos-oxon on the expression of biomarker genes of differentiation in D3 mouse embryonic stem cells. Chemico-Biological Interactions, 2016, 259, 368-373.	4.0	11
68	Analysis of the neurotoxic effects of neuropathic organophosphorus compounds in adult zebrafish. Scientific Reports, 2018, 8, 4844.	3.3	11
69	Titanium Dioxide, but Not Zinc Oxide, Nanoparticles Cause Severe Transcriptomic Alterations in T98G Human Glioblastoma Cells. International Journal of Molecular Sciences, 2021, 22, 2084.	4.1	11
70	Interactions of neuropathy inducers and potentiators/promoters with soluble esterases. Chemico-Biological Interactions, 2013, 203, 245-250.	4.0	10
71	Neurotoxic Effects Associated with Current Uses of Organophosphorus Compounds. Journal of the Brazilian Chemical Society, 2016, , .	0.6	10
72	Effect of some metallic cations and organic compounds on theO-hexylO-2,5-dichlorophenyl phosphoramidate hydrolysing activity in hen plasma. Archives of Toxicology, 1993, 67, 416-421.	4.2	9

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73	Separation of two forms of neuropathy target esterase in the soluble fraction of the hen sciatic nerve. Chemico-Biological Interactions, 1995, 97, 247-255.	4.0	9
74	Copper activation of organophosporus compounds detoxication by chicken serum. Food and Chemical Toxicology, 2017, 106, 417-423.	3.6	9
75	Albumin, the responsible protein of the Cu2+-dependent hydrolysis of O-hexyl O-2,5-dichlorophenyl phosphoramidate (HDCP) by chicken serum "antagonistic stereoselectivity". Food and Chemical Toxicology, 2018, 120, 523-527.	3.6	9
76	Case study: risk associated to wearing silver or graphene nanoparticle-coated facemasks for protection against COVID-19. Archives of Toxicology, 2022, 96, 105-119.	4.2	9
77	Bovine chromaffin cell cultures as model to study organophosporus neurotoxicity. Toxicology Letters, 2004, 151, 163-170.	0.8	8
78	Comparison of chromaffin cells from several animal sources for their use as an in vitro model to study the mechanism of organophosphorous toxicity. Toxicology Letters, 2006, 165, 221-229.	0.8	8
79	Interactions of human butyrylcholinesterase with phenylvalerate and acetylthiocholine as substrates and inhibitors: kinetic and molecular modeling approaches. Archives of Toxicology, 2019, 93, 1281-1296.	4.2	8
80	Serum cholinesterase inhibitors in the commercial hexane impurities. Archives of Toxicology, 1983, 53, 59-69.	4.2	7
81	Phthalates and organophosphorus compounds as cholinesterase inhibitors in fractions of industrial hexane impurities. Archives of Toxicology, 1985, 57, 46-52.	4.2	7
82	An automatable microassay for phenyl valerate esterase activities sensitive to organophosphorus compounds. Toxicology Letters, 1996, 89, 241-247.	0.8	7
83	Over-expression of neuropathy target esterase activity in bovine chromaffin cell cultures by adenovirus-mediated gene transfer. Toxicology Letters, 2007, 168, 286-291.	0.8	7
84	Recovery of neuropathy target esterase activity after inhibition with mipafox and O-hexyl O-2,5-dichlorophenyl phosphoramidate in bovine chromaffin cell cultures. Chemico-Biological Interactions, 2007, 165, 99-105.	4.0	7
85	Characterization and Evolution of Exposure to Volatile Organic Compounds in the Spanish Shoemaking Industry over a 5-Year Period. Journal of Occupational and Environmental Hygiene, 2012, 9, 653-662.	1.0	7
86	Kinetic interactions of a neuropathy potentiator (phenylmethylsulfonyl fluoride) with the neuropathy target esterase and other membrane bound esterases. Archives of Toxicology, 2014, 88, 355-366.	4.2	7
87	Aluminium, nickel, cadmium and lead in candy products and assessment of daily intake by children in Spain. Food Additives and Contaminants: Part B Surveillance, 2016, 9, 66-71.	2.8	7
88	Butyrylcholinesterase identification in a phenylvalerate esterase-enriched fraction sensitive to low mipafox concentrations in chicken brain. Archives of Toxicology, 2017, 91, 909-919.	4.2	7
89	Phenyl valerate esterase activity of human butyrylcholinesterase. Archives of Toxicology, 2017, 91, 3295-3305.	4.2	7
90	A Transcriptomic Analysis of T98G Human Glioblastoma Cells after Exposure to Cadmium-Selenium Quantum Dots Mainly Reveals Alterations in Neuroinflammation Processes and Hypothalamus Regulation. International Journal of Molecular Sciences, 2022, 23, 2267.	4.1	7

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91	Immobilized frog tyrosinase. Stabilization on nylon supports. Biotechnology Letters, 1982, 4, 341-346.	2.2	6
92	Bovine chromaffin cells in culture show carboxylesterase activities sensitive to organophosphorus compounds. International Journal of Biochemistry and Cell Biology, 1996, 28, 983-989.	2.8	6
93	Comparative hydrolysis of O-hexyl O-2,5-dichlorophenyl phosphoramidate and paraoxon in different tissues of vertebrates. Archives of Toxicology, 2007, 81, 689-695.	4.2	6
94	Mechanism-based models in reproductive and developmental toxicology. , 2011, , 135-146.		6
95	Biomarkers in biomonitoring of xenobiotics. , 2014, , 965-973.		6
96	Esterases hydrolyze phenyl valerate activity as targets of organophosphorus compounds. Chemico-Biological Interactions, 2016, 259, 358-367.	4.0	6
97	Resolving pathways of interaction of mipafox and a sarin analog with human acetylcholinesterase by kinetics, mass spectrometry and molecular modeling approaches. Archives of Toxicology, 2016, 90, 603-616.	4.2	6
98	Copper-dependent hydrolysis of trichloronate by turkey serum studied with use of new analytical procedure based on application of chiral chromatography and UV/Vis spectrophotometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2019, 1105, 203-209.	2.3	6
99	A tyrosinase electrode: A laboratory experiment. Biochemical Education, 1981, 9, 51-54.	0.1	5
100	Sensitivity to tri-o-cresylphosphate neurotoxicity on n-hexane exposed hens as a model of simultaneous hexacarbon solvent and organophosphorus occupational intoxication. Archives of Toxicology, 1987, 59, 311-318.	4.2	5
101	Organophosphorus inhibition and heat inactivation kinetics of particulate and soluble forms of peripheral nerve neuropathy target esterase. Journal of Biochemical Toxicology, 1995, 10, 211-218.	0.4	5
102	The role of nicotinic receptors and calcium channels in mipafox induced inhibition of catecholamine release in bovine chromaffin cells. Environmental Toxicology and Pharmacology, 1996, 1, 241-247.	4.0	4
103	OECD guidelines and validated methods for in vivo testing of reproductive toxicity. , 2011, , 123-133.		4
104	Properties of partly preinhibited hen brain neuropathy target esterase. Chemico-Biological Interactions, 1993, 87, 417-423.	4.0	3
105	Acetylcholine-hydrolyzing activities in soluble brain fraction: Characterization with reversible and irreversible inhibitors. Chemico-Biological Interactions, 2016, 259, 374-381.	4.0	3
106	Distribution of Serum Paraoxon Hydrolyzing Activity in a Large Spanish Population Using a Routine Automized Method in Clinical Laboratory. Journal of Analytical Toxicology, 2003, 27, 290-293.	2.8	2
107	OECD Guidelines for InÂVivo Testing of Reproductive Toxicity. , 2017, , 163-178.		2
108	Cholinesterase and phenyl valerate-esterase activities sensitive to organophosphorus compounds in membranes of chicken brain. Toxicology, 2018, 410, 73-82.	4.2	2

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109	Hydrolyzing activities of phenyl valerate sensitive to organophosphorus compounds paraoxon and mipafox in human neuroblastoma SH-SY5Y cells. Toxicology, 2018, 406-407, 123-128.	4.2	2
110	O-hexyl O-2,5-dichlorophenyl phosphoramidate as a substrate for domestic and sea bird serum A-esterases: Hydrolysis levels, Cu2+- and Zn2+-dependence and stereoselectivity. Chemico-Biological Interactions, 2019, 310, 108727.	4.0	2
111	DAEH N-terminal sequence of avian serum albumins as catalytic center of Cu (II)-dependent organophosphorus hydrolyzing A-esterase activity. Chemico-Biological Interactions, 2021, 345, 109524.	4.0	2
112	Interactions of human acetylcholinesterase with phenyl valerate and acetylthiocholine: Thiocholine as an enhancer of phenyl valerate esterase activity. Chemico-Biological Interactions, 2022, 351, 109764.	4.0	2
113	Non-calcium dependent activity hydrolysing organophosphorus compounds in hen plasma. Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology, 1994, 107, 213-219.	0.5	1
114	Preliminar characterization of carboxylesterase activities found in plasma of wild birds. Toxicology Letters, 2006, 164, S157.	0.8	1
115	Toxicokinetics and Toxicodynamics of DFP. , 2015, , 857-874.		1
116	Expression of biomarker genes of differentiation in D3 mouse embryonic stem cells after exposure to different embryotoxicant and non-embryotoxicant model chemicals. Data in Brief, 2015, 5, 354-365.	1.0	1
117	Air Quality of Textile and Related Industries. Comprehensive Analytical Chemistry, 2016, 73, 785-800.	1.3	1
118	Validated and Nonvalidated Mechanism-Based Methods for Testing Developmental Toxicity. , 2017, , 193-209.		1
119	Biomarkers for Testing Toxicity and Monitoring Exposure to Xenobiotics. , 2019, , 1165-1174.		1
120	Inhibition and aging of neuropathy target esterase by organophosphorus compound in bovine chromaffin cells. Toxicology Letters, 1996, 88, 24.	0.8	0
121	Hen serum albumin hydrolyses an organophosphorus compound. Toxicology Letters, 1996, 88, 88.	0.8	0
122	Methadone treatment in the province of Alicante from July 1990 to December 1995. Toxicology Letters, 1996, 88, 103.	0.8	0
123	The inhibition of the high sensitive peripheral nerve soluble esterases by mipafoxA new mathematical processing for the kinetics of inhibition of esterases by organophosphorus compounds. Toxicology Letters, 2004, 151, 171-171.	0.8	0
124	Role of serum albumins in the detoxication of the carbamate carbaryl. Toxicology Letters, 2006, 164, S65.	0.8	0
125	Plasmidic vector of human neuropathy target esterase in primary cultures of bovine chromaffin cells. Toxicology Letters, 2006, 164, S207-S208.	0.8	0
126	Improved analytical method for monitoring exposure to volatile compounds for occupational risk prevention. Toxicology Letters, 2009, 189, S261-S262.	0.8	0

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127	Kinetic identification of organophosphate-sensitive esterases in brain membrane. Toxicology Letters, 2012, 211, S171.	0.8	0
128	Human and mouse gene expression pathways of neural embryonic cell differentiation in developmental toxicity. Toxicology Letters, 2014, 229, S15.	0.8	0
129	Editorial. Chemico-Biological Interactions, 2016, 259, 49-50.	4.0	0
130	Toxicokinetics and toxicodynamics of DFP. , 2020, , 921-944.		0
131	Alternative methods to animal experimentation for testing developmental toxicity. , 2022, , 107-125.		0