

Eugenio Vilanova

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

122
papers

2,431
citations

23
h-index

44
g-index

146
ext. papers

2,613
ext. citations

4.5
avg, IF

4.93
L-index

| # | Paper | IF | Citations |
|-----|---|-----|-----------|
| 122 | Alternative methods to animal experimentation for testing developmental toxicity 2022 , 107-125 | | |
| 121 | Interactions of human acetylcholinesterase with phenyl valerate and acetylthiocholine: Thiocholine as an enhancer of phenyl valerate esterase activity. <i>Chemico-Biological Interactions</i> , 2021 , 351, 109764 | 5 | |
| 120 | Case study: risk associated to wearing silver or graphene nanoparticle-coated facemasks for protection against COVID-19. <i>Archives of Toxicology</i> , 2021 , 96, 105 | 5.8 | 4 |
| 119 | Titanium Dioxide, but Not Zinc Oxide, Nanoparticles Cause Severe Transcriptomic Alterations in T98G Human Glioblastoma Cells. <i>International Journal of Molecular Sciences</i> , 2021 , 22, | 6.3 | 2 |
| 118 | DAEH N-terminal sequence of avian serum albumins as catalytic center of Cu (II)-dependent organophosphorus hydrolyzing A-esterase activity. <i>Chemico-Biological Interactions</i> , 2021 , 345, 109524 | 5 | 1 |
| 117 | Toxicokinetics and toxicodynamics of DFP 2020 , 921-944 | | |
| 116 | Effects of silver nanoparticles on T98G human glioblastoma cells. <i>Toxicology and Applied Pharmacology</i> , 2020 , 404, 115178 | 4.6 | 6 |
| 115 | Case study: Is bisphenol S safer than bisphenol A in thermal papers?. <i>Archives of Toxicology</i> , 2019 , 93, 1835-1852 | 5.8 | 13 |
| 114 | Interactions of human butyrylcholinesterase with phenylvalerate and acetylthiocholine as substrates and inhibitors: kinetic and molecular modeling approaches. <i>Archives of Toxicology</i> , 2019 , 93, 1281-1296 | 5.8 | 5 |
| 113 | O-hexyl O-2,5-dichlorophenyl phosphoramidate as a substrate for domestic and sea bird serum A-esterases: Hydrolysis levels, Cu- and Zn-dependence and stereoselectivity. <i>Chemico-Biological Interactions</i> , 2019 , 310, 108727 | 5 | 1 |
| 112 | Biomarkers for Testing Toxicity and Monitoring Exposure to Xenobiotics 2019 , 1165-1174 | | 1 |
| 111 | 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. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019 , 1105, 203-209 | 3.2 | 5 |
| 110 | Analysis of the neurotoxic effects of neuropathic organophosphorus compounds in adult zebrafish. <i>Scientific Reports</i> , 2018 , 8, 4844 | 4.9 | 10 |
| 109 | Albumin, the responsible protein of the Cu-dependent hydrolysis of O-hexyl O-2,5-dichlorophenyl phosphoramidate (HDPCP) by chicken serum "antagonistic stereoselectivity". <i>Food and Chemical Toxicology</i> , 2018 , 120, 523-527 | 4.7 | 7 |
| 108 | Hydrolyzing activities of phenyl valerate sensitive to organophosphorus compounds paraoxon and mipafox in human neuroblastoma SH-SY5Y cells. <i>Toxicology</i> , 2018 , 406-407, 123-128 | 4.4 | 0 |
| 107 | Cholinesterase and phenyl valerate-esterase activities sensitive to organophosphorus compounds in membranes of chicken brain. <i>Toxicology</i> , 2018 , 410, 73-82 | 4.4 | 1 |
| 106 | Butyrylcholinesterase identification in a phenylvalerate esterase-enriched fraction sensitive to low mipafox concentrations in chicken brain. <i>Archives of Toxicology</i> , 2017 , 91, 909-919 | 5.8 | 6 |

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| 105 | New insights on molecular interactions of organophosphorus pesticides with esterases. <i>Toxicology</i> , 2017 , 376, 30-43 | 4.4 | 40 |
| 104 | Copper activation of organophosphorus compounds detoxication by chicken serum. <i>Food and Chemical Toxicology</i> , 2017 , 106, 417-423 | 4.7 | 6 |
| 103 | Phenyl valerate esterase activity of human butyrylcholinesterase. <i>Archives of Toxicology</i> , 2017 , 91, 3295-3305 | 3.05 | 6 |
| 102 | OECD Guidelines for In Vivo Testing of Reproductive Toxicity 2017 , 163-178 | | 1 |
| 101 | Validated and Nonvalidated Mechanism-Based Methods for Testing Developmental Toxicity 2017 , 193-209 | | |
| 100 | Resolving pathways of interaction of mipafox and a sarin analog with human acetylcholinesterase by kinetics, mass spectrometry and molecular modeling approaches. <i>Archives of Toxicology</i> , 2016 , 90, 603-16 | 5.8 | 6 |
| 99 | Acetylcholine-hydrolyzing activities in soluble brain fraction: Characterization with reversible and irreversible inhibitors. <i>Chemico-Biological Interactions</i> , 2016 , 259, 374-381 | 5 | 2 |
| 98 | Aluminium, nickel, cadmium and lead in candy products and assessment of daily intake by children in Spain. <i>Food Additives and Contaminants: Part B Surveillance</i> , 2016 , 9, 66-71 | 3.3 | 5 |
| 97 | Neurotoxic Effects Associated with Current Uses of Organophosphorus Compounds. <i>Journal of the Brazilian Chemical Society</i> , 2016 , | 1.5 | 6 |
| 96 | Effects of mipafox, paraoxon, chlorpyrifos and its metabolite chlorpyrifos-oxon on the expression of biomarker genes of differentiation in D3 mouse embryonic stem cells. <i>Chemico-Biological Interactions</i> , 2016 , 259, 368-373 | 5 | 8 |
| 95 | Esterases hydrolyze phenyl valerate activity as targets of organophosphorus compounds. <i>Chemico-Biological Interactions</i> , 2016 , 259, 358-367 | 5 | 5 |
| 94 | Air Quality of Textile and Related Industries. <i>Comprehensive Analytical Chemistry</i> , 2016 , 73, 785-800 | 1.9 | 1 |
| 93 | Roles of NTE protein and encoding gene in development and neurodevelopmental toxicity. <i>Chemico-Biological Interactions</i> , 2016 , 259, 352-357 | 5 | 14 |
| 92 | Stereospecific hydrolysis of a phosphoramidate used as an OPIDP model by human sera with PON1 192 alloforms. <i>Archives of Toxicology</i> , 2015 , 89, 1801-9 | 5.8 | 11 |
| 91 | RNA transcripts for the quantification of differentiation allow marked improvements in the performance of embryonic stem cell test (EST). <i>Toxicology Letters</i> , 2015 , 238, 60-9 | 4.4 | 13 |
| 90 | Toxicokinetics and Toxicodynamics of DFP 2015 , 857-874 | | 1 |
| 89 | Expression of biomarker genes of differentiation in D3 mouse embryonic stem cells after exposure to different embryotoxicant and non-embryotoxicant model chemicals. <i>Data in Brief</i> , 2015 , 5, 354-65 | 1.2 | 1 |
| 88 | Kinetic interactions of a neuropathy potentiator (phenylmethylsulfonyl fluoride) with the neuropathy target esterase and other membrane bound esterases. <i>Archives of Toxicology</i> , 2014 , 88, 355-366 | 5.8 | 7 |

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|----|---|-----|----|
| 87 | Functional pathways altered after silencing Pnpla6 (the codifying gene of neuropathy target esterase) in mouse embryonic stem cells under differentiation. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2014 , 50, 261-73 | 2.6 | 11 |
| 86 | Cytotoxic effect against 3T3 fibroblasts cells of saffron floral bio-residues extracts. <i>Food Chemistry</i> , 2014 , 147, 55-9 | 8.5 | 16 |
| 85 | 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. <i>Chemical Research in Toxicology</i> , 2014 , 27, 1487-95 | 4 | 18 |
| 84 | Interaction between substrates suggests a relationship between organophosphorus-sensitive phenylvalerate- and acetylcholine-hydrolyzing activities in chicken brain. <i>Toxicology Letters</i> , 2014 , 230, 132-8 | 4.4 | 10 |
| 83 | Separating esterase targets of organophosphorus compounds in the brain by preparative chromatography. <i>Toxicology Letters</i> , 2014 , 225, 167-76 | 4.4 | 10 |
| 82 | Biomarkers in biomonitoring of xenobiotics 2014 , 965-973 | | 1 |
| 81 | 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. <i>International Journal of Molecular Sciences</i> , 2014 , 15, 905-26 | 6.3 | 17 |
| 80 | Cholinesterase assay by an efficient fixed time endpoint method. <i>MethodsX</i> , 2014 , 1, 258-63 | 1.9 | 17 |
| 79 | Silencing of PNPLA6, the neuropathy target esterase (NTE) codifying gene, alters neurodifferentiation of human embryonal carcinoma stem cells (NT2). <i>Neuroscience</i> , 2014 , 281, 54-67 | 3.9 | 11 |
| 78 | An integrated approach for detecting embryotoxicity and developmental toxicity of environmental contaminants using in vitro alternative methods. <i>Toxicology Letters</i> , 2014 , 230, 356-67 | 4.4 | 35 |
| 77 | 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. <i>Toxicology Letters</i> , 2013 , 217, 14-22 | 4.4 | 29 |
| 76 | Interactions of neuropathy inducers and potentiators/promoters with soluble esterases. <i>Chemico-Biological Interactions</i> , 2013 , 203, 245-50 | 5 | 9 |
| 75 | NTE and non-NTE esterases in brain membrane: kinetic characterization with organophosphates. <i>Toxicology</i> , 2012 , 297, 17-25 | 4.4 | 17 |
| 74 | Phenylmethylsulfonyl fluoride, a potentiator of neuropathy, alters the interaction of organophosphorus compounds with soluble brain esterases. <i>Chemical Research in Toxicology</i> , 2012 , 25, 2393-401 | 4 | 12 |
| 73 | Kinetics of inhibition of soluble peripheral nerve esterases by PMSF: a non-stable compound that potentiates the organophosphorus-induced delayed neurotoxicity. <i>Archives of Toxicology</i> , 2012 , 86, 767-77 | 5.8 | 16 |
| 72 | Characterization and evolution of exposure to volatile organic compounds in the Spanish shoemaking industry over a 5-year period. <i>Journal of Occupational and Environmental Hygiene</i> , 2012 , 9, 653-62 | 2.9 | 6 |
| 71 | Cell viability effects and antioxidant and antimicrobial activities of Tunisian date syrup (Rub El Tamer) polyphenolic extracts. <i>Journal of Agricultural and Food Chemistry</i> , 2011 , 59, 402-6 | 5.7 | 28 |
| 70 | Mechanism-based models in reproductive and developmental toxicology 2011 , 135-146 | | 2 |

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|----|--|-----|-----------------|
| 69 | Shortening and Improving the Embryonic Stem Cell Test through the Use of Gene Biomarkers of Differentiation. <i>Journal of Toxicology</i> , 2011 , 2011, 286034 | 3.1 | 14 |
| 68 | OECD guidelines and validated methods for in vivo testing of reproductive toxicity 2011 , 123-133 | | 1 |
| 67 | Kinetics of the inhibitory interaction of organophosphorus neuropathy inducers and non-inducers in soluble esterases in the avian nervous system. <i>Toxicology and Applied Pharmacology</i> , 2011 , 256, 360-8 | 4.6 | 18 |
| 66 | Detoxication of Anticholinesterase Pesticides 2011 , 121-132 | | 1 |
| 65 | Inhibition with spontaneous reactivation of carboxyl esterases by organophosphorus compounds: paraoxon as a model. <i>Chemical Research in Toxicology</i> , 2011 , 24, 135-43 | 4 | 22 |
| 64 | An alternative in vitro method for detecting neuropathic compounds based on acetylcholinesterase inhibition and on inhibition and aging of neuropathy target esterase (NTE). <i>Toxicology in Vitro</i> , 2010 , 24, 942-52 | 3.6 | 21 |
| 63 | Expression of Neuropathy Target Esterase in mouse embryonic stem cells during differentiation. <i>Archives of Toxicology</i> , 2010 , 84, 481-91 | 5.8 | 14 |
| 62 | Serum albumins and detoxication of anti-cholinesterase agents. <i>Chemico-Biological Interactions</i> , 2010 , 187, 325-9 | 5 | 34 |
| 61 | Inhibition with spontaneous reactivation and the "ongoing inhibition" effect of esterases by biotinylated organophosphorus compounds: S9B as a model. <i>Chemico-Biological Interactions</i> , 2010 , 187, 397-402 | 5 | 22 |
| 60 | Improved analytical method for monitoring exposure to volatile compounds for occupational risk prevention. <i>Toxicology Letters</i> , 2009 , 189, S261-S262 | 4.4 | |
| 59 | Model equations for the kinetics of covalent irreversible enzyme inhibition and spontaneous reactivation: esterases and organophosphorus compounds. <i>Critical Reviews in Toxicology</i> , 2009 , 39, 427-48 | 5.7 | 39 |
| 58 | Serum albumin is as efficient as paraoxonase in the detoxication of paraoxon at toxicologically relevant concentrations. <i>Chemical Research in Toxicology</i> , 2008 , 21, 1524-9 | 4 | 47 |
| 57 | Plasma phenylacetate and 1-naphthyl acetate hydrolyzing activities of wild birds as possible non-invasive biomarkers of exposure to organophosphorus and carbamate insecticides. <i>Toxicology Letters</i> , 2007 , 168, 278-85 | 4.4 | 14 |
| 56 | Over-expression of neuropathy target esterase activity in bovine chromaffin cell cultures by adenovirus-mediated gene transfer. <i>Toxicology Letters</i> , 2007 , 168, 286-91 | 4.4 | 5 |
| 55 | Stereospecific hydrolysis of a phosphoramidate as a model to understand the role of biotransformation in the neurotoxicity of chiral organophosphorus compounds. <i>Toxicology Letters</i> , 2007 , 170, 157-64 | 4.4 | 11 |
| 54 | A simple and rapid HPLC-MS method for the simultaneous determination of epinephrine, norepinephrine, dopamine and 5-hydroxytryptamine: application to the secretion of bovine chromaffin cell cultures. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007 , 847, 22-31 | 3.2 | 34 ^o |
| 53 | Recovery of neuropathy target esterase activity after inhibition with mipafox and O-hexyl O-2,5-dichlorophenyl phosphoramidate in bovine chromaffin cell cultures. <i>Chemico-Biological Interactions</i> , 2007 , 165, 99-105 | 5 | 5 |
| 52 | 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. <i>Archives of Toxicology</i> , 2007 , 81, 113-9 | 5.8 | 21 |

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|----|---|-----|-----|
| 51 | Comparative hydrolysis of O-hexyl O-2,5-dichlorophenyl phosphoramidate and paraoxon in different tissues of vertebrates. <i>Archives of Toxicology</i> , 2007 , 81, 689-95 | 5.8 | 5 |
| 50 | Comparison of chromaffin cells from several animal sources for their use as an in vitro model to study the mechanism of organophosphorous toxicity. <i>Toxicology Letters</i> , 2006 , 165, 221-9 | 4.4 | 8 |
| 49 | Hydrolysis of carbaryl by human serum albumin. <i>Archives of Toxicology</i> , 2004 , 78, 629-34 | 5.8 | 24 |
| 48 | The inhibition of the high sensitive peripheral nerve soluble esterases by mipafox. A new mathematical processing for the kinetics of inhibition of esterases by organophosphorus compounds. <i>Toxicology Letters</i> , 2004 , 151, 171-171 | 4.4 | |
| 47 | Bovine chromaffin cell cultures as model to study organophosphorus neurotoxicity. <i>Toxicology Letters</i> , 2004 , 151, 163-70 | 4.4 | 8 |
| 46 | Future applications of phosphotriesterases in the prophylaxis and treatment of organophosphorus insecticide and nerve agent poisonings. <i>Toxicology Letters</i> , 2004 , 151, 219-33 | 4.4 | 110 |
| 45 | The inhibition of the high sensitive peripheral nerve soluble esterases by mipafox. A new mathematical processing for the kinetics of inhibition of esterases by organophosphorus compounds. <i>Toxicology Letters</i> , 2004 , 151, 171-81 | 4.4 | 23 |
| 44 | Detection of clinical interactions between methadone and anti-retroviral compounds using an enantioselective capillary electrophoresis for methadone analysis. <i>Toxicology Letters</i> , 2004 , 151, 243-9 | 4.4 | 23 |
| 43 | Properties of phenyl valerate esterase activities from chicken serum are comparable with soluble esterases of peripheral nerves in relation with organophosphorus compounds inhibition. <i>Toxicology Letters</i> , 2003 , 142, 1-10 | 4.4 | 14 |
| 42 | Distribution of serum paraoxon hydrolyzing activity in a large Spanish population using a routine automatized method in clinical laboratory. <i>Journal of Analytical Toxicology</i> , 2003 , 27, 290-3 | 2.9 | 2 |
| 41 | Rabbit serum albumin hydrolyzes the carbamate carbaryl. <i>Chemical Research in Toxicology</i> , 2002 , 15, 520-6 | | 16 |
| 40 | Enzymes involved in the detoxification of organophosphorus, carbamate and pyrethroid insecticides through hydrolysis. <i>Toxicology Letters</i> , 2002 , 128, 215-28 | 4.4 | 415 |
| 39 | The role of phosphotriesterases in the detoxication of organophosphorus compounds. <i>Critical Reviews in Toxicology</i> , 1999 , 29, 21-57 | 5.7 | 68 |
| 38 | Dichlorophenyl phosphoramidates as substrates for avian and mammalian liver phosphotriesterases: activity levels, calcium dependence and stereospecificity. <i>Chemico-Biological Interactions</i> , 1999 , 119-120, 257-62 | 5 | 9 |
| 37 | NTE soluble isoforms: new perspectives for targets of neuropathy inducers and promoters. <i>Chemico-Biological Interactions</i> , 1999 , 119-120, 525-40 | 5 | 13 |
| 36 | Peripheral nerve soluble esterases are spontaneously reactivated after inhibition by paraoxon: implications for a new definition of neuropathy target esterase. <i>Chemico-Biological Interactions</i> , 1999 , 119-120, 541-50 | 5 | 26 |
| 35 | Enzyme concentration as an important factor in the in vitro testing of the stereospecificity of the enzymatic hydrolysis of organophosphorus compounds. <i>Toxicology in Vitro</i> , 1999 , 13, 689-92 | 3.6 | 10 |
| 34 | A stereospecific phosphotriesterase in hen liver and brain. <i>Chemico-Biological Interactions</i> , 1998 , 108, 187-96 | 5 | 16 |

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|----|--|-----|----|
| 33 | Phosphotriesterase activity identified in purified serum albumins. <i>Archives of Toxicology</i> , 1998 , 72, 219-26.8 | | 32 |
| 32 | Chicken serum albumin hydrolyzes dichlorophenyl phosphoramidates by a mechanism based on transient phosphorylation. <i>Chemical Research in Toxicology</i> , 1998 , 11, 1441-6 | 4 | 23 |
| 31 | Inhibition and aging of neuropathy target esterase by the stereoisomers of a phosphoramidate related to methamidophos. <i>Toxicology Letters</i> , 1997 , 93, 95-102 | 4.4 | 16 |
| 30 | Discrimination of carboxylesterases of chicken neural tissue by inhibition with a neuropathic, non-neuropathic organophosphorus compounds and neuropathy promoter. <i>Chemico-Biological Interactions</i> , 1997 , 106, 191-200 | 5 | 21 |
| 29 | Reversible inhibition can profoundly mislead studies on progressive inhibition of enzymes: the interaction of paraoxon with soluble neuropathy target esterase. <i>Chemico-Biological Interactions</i> , 1997 , 108, 19-25 | 5 | 13 |
| 28 | An automatable microassay for phenyl valerate esterase activities sensitive to organophosphorus compounds. <i>Toxicology Letters</i> , 1996 , 89, 241-7 | 4.4 | 7 |
| 27 | Bovine chromaffin cells in culture show carboxylesterase activities sensitive to organophosphorus compounds. <i>International Journal of Biochemistry and Cell Biology</i> , 1996 , 28, 983-9 | 5.6 | 6 |
| 26 | The role of nicotinic receptors and calcium channels in mipafox induced inhibition of catecholamine release in bovine chromaffin cells. <i>Environmental Toxicology and Pharmacology</i> , 1996 , 1, 241-7 | 5.8 | 4 |
| 25 | Separation of two forms of neuropathy target esterase in the soluble fraction of the hen sciatic nerve. <i>Chemico-Biological Interactions</i> , 1995 , 97, 247-55 | 5 | 9 |
| 24 | Organophosphorus inhibition and heat inactivation kinetics of particulate and soluble forms of peripheral nerve neuropathy target esterase. <i>Journal of Biochemical Toxicology</i> , 1995 , 10, 211-8 | | 5 |
| 23 | Partial characterization of neuropathy target esterase and related phenyl valerate esterases from bovine adrenal medulla. <i>Journal of Biochemical Toxicology</i> , 1994 , 9, 145-52 | | 19 |
| 22 | Non-calcium dependent activity hydrolysing organophosphorus compounds in hen plasma. <i>Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology</i> , 1994 , 107, 213-9 | | |
| 21 | In vivo inhibition by mipafox of soluble and particulate forms of organophosphorus neuropathy target esterase (NTE) in hen sciatic nerve. <i>Toxicology Letters</i> , 1994 , 71, 47-51 | 4.4 | 11 |
| 20 | Chiral high-performance liquid chromatography and gas chromatography of the stereoisomers of hexyl 2,5-dichlorophenyl phosphoramidate. <i>Biomedical Applications</i> , 1993 , 622, 179-86 | | 13 |
| 19 | Soluble and particulate organophosphorus neuropathy target esterase in brain and sciatic nerve of the hen, cat, rat, and chick. <i>Journal of Neurochemistry</i> , 1993 , 61, 2164-8 | 6 | 15 |
| 18 | The kinetics of O-hexyl O-2,5-dichlorophenyl phosphoramidate hydrolysing activity in hen plasma. <i>Chemico-Biological Interactions</i> , 1993 , 87, 117-25 | 5 | 11 |
| 17 | Biochemical properties and possible toxicological significance of various forms of NTE. <i>Chemico-Biological Interactions</i> , 1993 , 87, 369-81 | 5 | 11 |
| 16 | Properties of partly preinhibited hen brain neuropathy target esterase. <i>Chemico-Biological Interactions</i> , 1993 , 87, 417-23 | 5 | 3 |

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|----|--|-----|----|
| 15 | Effect of some metallic cations and organic compounds on the O-hexyl O-2,5-dichlorophenyl phosphoramidate hydrolysing activity in hen plasma. <i>Archives of Toxicology</i> , 1993 , 67, 416-21 | 5.8 | 9 |
| 14 | Local application of neuropathic organophosphorus compounds to hen sciatic nerve: inhibition of neuropathy target esterase and peripheral neurological impairments. <i>Toxicology and Applied Pharmacology</i> , 1992 , 117, 218-25 | 4.6 | 11 |
| 13 | 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. <i>Archives of Toxicology</i> , 1991 , 65, 618-24 | 5.8 | 50 |
| 12 | Soluble and particulate forms of the organophosphorus neuropathy target esterase in hen sciatic nerve. <i>Journal of Neurochemistry</i> , 1990 , 55, 1258-65 | 6 | 39 |
| 11 | Distribution and some biochemical properties of rat paraoxonase activity. <i>Neurotoxicology and Teratology</i> , 1990 , 12, 611-4 | 3.9 | 24 |
| 10 | Hen liver and plasma can metabolize hexyl-DCP phosphoramidate at a rate comparable to that of rat. <i>Neurotoxicology and Teratology</i> , 1990 , 12, 615-7 | 3.9 | 15 |
| 9 | Biochemical and clinical tests of the delayed neuropathic potential of some O-alkyl O-dichlorophenyl phosphoramidate analogues of methamidophos (O,S-dimethyl phosphorothioamidate). <i>Toxicology</i> , 1989 , 54, 89-100 | 4.4 | 34 |
| 8 | Sciatic nerve neuropathy target esterase. Methods of assay, proximo-distal distribution and regeneration. <i>Toxicology</i> , 1988 , 49, 107-14 | 4.4 | 19 |
| 7 | Interaction of some unsubstituted phosphoramidate analogs of methamidophos (O,S-dimethyl phosphorothioamidate) with acetylcholinesterase and neuropathy target esterase of hen brain. <i>Pesticide Biochemistry and Physiology</i> , 1987 , 28, 224-238 | 4.9 | 46 |
| 6 | Sensitivity to tri-o-cresylphosphate neurotoxicity on n-hexane exposed hens as a model of simultaneous hexacarbon solvent and organophosphorus occupational intoxication. <i>Archives of Toxicology</i> , 1987 , 59, 311-8 | 5.8 | 5 |
| 5 | Phthalates and organophosphorus compounds as cholinesterase inhibitors in fractions of industrial hexane impurities. <i>Archives of Toxicology</i> , 1985 , 57, 46-52 | 5.8 | 7 |
| 4 | Tyrosine hydroxylase activity of immobilized tyrosinase on enzacryl-AA and CPG-AA supports: Stabilization and properties. <i>Biotechnology and Bioengineering</i> , 1984 , 26, 1306-12 | 4.9 | 54 |
| 3 | Serum cholinesterase inhibitors in the commercial hexane impurities. <i>Archives of Toxicology</i> , 1983 , 53, 59-69 | 5.8 | 7 |
| 2 | Immobilized frog tyrosinase. Stabilization on nylon supports. <i>Biotechnology Letters</i> , 1982 , 4, 341-346 | 3 | 6 |
| 1 | A tyrosinase electrode: A laboratory experiment. <i>Biochemical Education</i> , 1981 , 9, 51-54 | | 5 |