

Edward Caldwell Meek

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

378
citations

840776

11
h-index

794594

19
g-index

26
all docs

26
docs citations

26
times ranked

472
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and In Vitro and In Vivo Inhibition Potencies of Highly Relevant Nerve Agent Surrogates. <i>Toxicological Sciences</i> , 2012, 126, 525-533.	3.1	56
2	Testing of novel brain-penetrating oxime reactivators of acetylcholinesterase inhibited by nerve agent surrogates. <i>Chemico-Biological Interactions</i> , 2013, 203, 135-138.	4.0	52
3	Efficacy of novel phenoxyalkyl pyridinium oximes as brain-penetrating reactivators of cholinesterase inhibited by surrogates of sarin and VX. <i>Chemico-Biological Interactions</i> , 2016, 259, 154-159.	4.0	33
4	Exposure to p,p'-dichlorodiphenyldichloroethylene (DDE) induces fasting hyperglycemia without insulin resistance in male C57BL/6H mice. <i>Toxicology</i> , 2014, 320, 6-14.	4.2	32
5	Novel brain-penetrating oximes for reactivation of cholinesterase inhibited by sarin and VX surrogates. <i>Annals of the New York Academy of Sciences</i> , 2016, 1374, 52-58.	3.8	29
6	Novel substituted phenoxyalkyl pyridinium oximes enhance survival and attenuate seizure-like behavior of rats receiving lethal levels of nerve agent surrogates. <i>Toxicology</i> , 2016, 339, 51-57.	4.2	23
7	Novel centrally active oxime reactivators of acetylcholinesterase inhibited by surrogates of sarin and VX. <i>Neurobiology of Disease</i> , 2020, 133, 104487.	4.4	21
8	Novel Nucleophiles Enhance the Human Serum Paraoxonase 1 (PON1)-mediated Detoxication of Organophosphates. <i>Toxicological Sciences</i> , 2015, 143, 46-53.	3.1	18
9	Association of type 2 diabetes mellitus with plasma organochlorine compound concentrations. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2016, 26, 207-213.	3.9	15
10	A case-control study: The association of serum paraoxonase 1 activity and concentration with the development of type 2 diabetes mellitus. <i>Diabetes/Metabolism Research and Reviews</i> , 2018, 34, e2967.	4.0	15
11	Neuroprotection From Organophosphate-Induced Damage by Novel Phenoxyalkyl Pyridinium Oximes in Rat Brain. <i>Toxicological Sciences</i> , 2018, 166, 420-427.	3.1	15
12	Oxime-mediated reactivation of organophosphate-inhibited acetylcholinesterase with emphasis on centrally-active oximes. <i>Neuropharmacology</i> , 2020, 175, 108201.	4.1	10
13	Human paraoxonase 1 hydrolysis of nanomolar chlorpyrifos-oxon concentrations is unaffected by phenotype or Q192R genotype. <i>Toxicology Letters</i> , 2014, 230, 57-61.	0.8	9
14	<i>In vitro</i> P-glycoprotein activity does not completely explain <i>in vivo</i> efficacy of novel centrally effective oxime acetylcholinesterase reactivators. <i>Drug and Chemical Toxicology</i> , 2019, 42, 403-408.	2.3	9
15	Association of serum levels of p,p'-Dichlorodiphenyldichloroethylene (DDE) with type 2 diabetes in African American and Caucasian adult men from agricultural (Delta) and non-agricultural (non-Delta) regions of Mississippi. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2019, 82, 387-400.	2.3	8
16	Central neuroprotection demonstrated by novel oxime countermeasures to nerve agent surrogates. <i>Annals of the New York Academy of Sciences</i> , 2020, 1479, 5-12.	3.8	7
17	The effect of PON1 enhancers on reducing acetylcholinesterase inhibition following organophosphate anticholinesterase exposure in rats. <i>Toxicology</i> , 2015, 336, 79-83.	4.2	5
18	The association of serum trans-nonachlor levels with atherosclerosis. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2016, 79, 210-220.	2.3	5

#	ARTICLE	IF	CITATIONS
19	Inhibition Kinetics of 16 Organophosphorus Pesticides or Their Active Metabolites on Erythrocyte Acetylcholinesterase From Humans and Rats. <i>Toxicological Sciences</i> , 2021, 183, 404-414.	3.1	5
20	In vitro age-related differences in rats to organophosphates. <i>Toxicology in Vitro</i> , 2021, 72, 105102.	2.4	5
21	Novel pyridinium oximes enhance 24-h survivability against a lethal dose of nerve agent surrogate in adult female rats. <i>Toxicology</i> , 2020, 446, 152626.	4.2	2
22	Pharmacokinetics of three novel pyridinium aldoxime acetylcholinesterase reactivators in female rats. <i>Toxicology and Applied Pharmacology</i> , 2022, 446, 116046.	2.8	2
23	Effects of Chlorpyrifos or Methyl Parathion on Regional Cholinesterase Activity and Muscarinic Receptor Subtype Binding in Juvenile Rat Brain. , 2017, 1, .		1
24	Comparison of Esterase Sensitivity, Metabolic Efficiency, and Toxicity Levels of Two Organophosphorus Insecticides: Parathion and Chlorpyrifos. <i>ACS Symposium Series</i> , 2012, , 179-194.	0.5	0
25	Effect of high fat diet-induced type 2 diabetes on liver and serum paraoxonase activities in C57BL/6J mice. <i>FASEB Journal</i> , 2011, 25, 1b375.	0.5	0