David T Yeung

List of Publications by Year
in descending order

29	525	759233	677142
papers	citations	12 h-index	22 g-index

31	31	31	523
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Structure/function analyses of human serum paraoxonase (HuPON1) mutants designed from a DFPase-like homology model. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2004, 1702, 67-77.	2.3	71
2	Analysis of active-site amino-acid residues of human serum paraoxonase using competitive substrates. FEBS Journal, 2005, 272, 2225-2230.	4.7	56
3	A comprehensive evaluation of the efficacy of leading oxime therapies in guinea pigs exposed to organophosphorus chemical warfare agents or pesticides. Toxicology and Applied Pharmacology, 2014, 281, 254-265.	2.8	51
4	Direct detection of stereospecific soman hydrolysis by wild-type human serum paraoxonase. FEBS Journal, 2007, 274, 1183-1191.	4.7	42
5	Dramatic Differences in Organophosphorus Hydrolase Activity between Human and Chimeric Recombinant Mammalian Paraoxonase-1 Enzymes. Biochemistry, 2009, 48, 10416-10422.	2.5	42
6	The CounterACT Research Network: Basic Mechanisms and Practical Applications. Proceedings of the American Thoracic Society, 2010, 7, 254-256.	3.5	42
7	A Gas Chromatographic-Mass Spectrometric Approach to Examining Stereoselective Interaction of Human Plasma Proteins with Soman*. Journal of Analytical Toxicology, 2008, 32, 86-91.	2.8	31
8	Synthesis and Storage Stability of Diisopropylfluorophosphate. Journal of Chemistry, 2016, 2016, 1-5.	1.9	23
9	Screening for Efficacious Anticonvulsants and Neuroprotectants in Delayed Treatment Models of Organophosphate-induced Status Epilepticus. Neuroscience, 2020, 425, 280-300.	2.3	17
10	QuEChERS-based approach toward the analysis of two insecticides, methomyl and aldicarb, in blood and brain tissue. Analytical Methods, 2015, 7, 321-328.	2.7	14
11	Human Paraoxonase I: A Potential Bioscavenger of Organophosphorus Nerve Agents. , 2008, , 151-170.		13
12	Toxicity and median effective doses of oxime therapies against percutaneous organophosphorus pesticide and nerve agent challenges in the Hartley guinea pig. Journal of Toxicological Sciences, 2016, 41, 511-521.	1.5	13
13	Evaluating the broad-spectrum efficacy of the acetylcholinesterase oximes reactivators MMB4 DMS, HLÃ¶-7 DMS, and 2-PAM Cl against phorate oxon, sarin, and VX in the Hartley guinea pig. NeuroToxicology, 2018, 68, 142-148.	3.0	10
14	Ocular Surface â€“ Merging Challenges and Opportunities. Translational Vision Science and Technology, 2020, 9, 3.	2.2	10
15	Kinetic analysis of oxime-assisted reactivation of human, Guinea pig, and rat acetylcholinesterase inhibited by the organophosphorus pesticide metabolite phorate oxon (PHO). Pesticide Biochemistry and Physiology, 2018, 145, 93-99.	3.6	8
16	Supporting Fundamental Chemical Toxicology Research To Inform Medical Countermeasure Developments: The National Institutes of Health Chemical Countermeasures Research Program. Chemical Research in Toxicology, 2020, 33, 855-859.	3.3	8
17	Assessing the therapeutic efficacy of oxime therapies against percutaneous organophosphorus pesticide and nerve agent challenges in the Hartley guinea pig. Journal of Toxicological Sciences, 2015, 40, 759-775.	1.5	7
18	Efficacy of Recommended Prehospital Human Equivalent Doses of Atropine and Pralidoxime Against the Toxic Effects of Carbamate Poisoning in the Hartley Guinea Pig. International Journal of Toxicology, 2016, 35, 344-357.	1.2	7

#	Article	IF	Citations
19	The National Institutes of Health Chemical Countermeasures Research Program (NIH CCRP): A collaborative opportunity to develop effective and accessible chemical medical countermeasures for the American people. Drug Development Research, 2020, 81, 907-910.	2.9	7
20	Evaluation of HemogloBind^{TM} treatment for preparation of samples for cholinesterase analysis. Advances in Bioscience and Biotechnology (Print), 2013, 04, 1020-1023.	0.7	7
21	Supporting discovery and development of medical countermeasures for chemical injury to eye and skin. Experimental Eye Research, 2022, 221, 109156.	2.6	6
22	Acute toxicity of phorate oxon by oral gavage in the Sprague-Dawley rat. Fundamental Toxicological Sciences, 2016, 3, 195-204.	0.6	5
23	A Rodent Model of Sulfur Mustard Hematologic Toxicity for the Efficacy Evaluation of Candidate Medical Countermeasures. Military Medicine, 2022, 187, e106-e115.	0.8	5
24	A novel sulfur mustard (HD) vapor inhalation exposure system for accurate inhaled dose delivery. Journal of Pharmacological and Toxicological Methods, 2015, 71, 120-128.	0.7	4
25	Considerations in developing medical countermeasures against chemical ocular toxicity. Toxicology Letters, 2020, 334, 1-3.	0.8	3
26	Strategies to Enhance Medical Countermeasures After the Use of Chemical Warfare Agents on Civilians. , 2015, , 1049-1056.		2
27	The Kv7 Modulator, Retigabine, is an Efficacious Antiseizure Drug for Delayed Treatment of Organophosphate-induced Status Epilepticus. Neuroscience, 2021, 463, 143-158.	2.3	2
28	An Overview of the NIAID/NIH Chemical Medical Countermeasures Product Research and Development Program *. , 2019, , 615-626.		1
29	Strategies to Enhance Medical Countermeasures After the Use of Chemical Warfare Agents on Civilians. , 2009, , 889-895.		0