

# C Linn Cadieux

## List of Publications by Citations

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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.

15  
papers

294  
citations

9  
h-index

15  
g-index

15  
ext. papers

327  
ext. citations

5.5  
avg, IF

2.39  
L-index

#	Paper	IF	Citations
15	Stereoselective hydrolysis of organophosphate nerve agents by the bacterial phosphotriesterase. <i>Biochemistry</i> , <b>2010</b> , 49, 7978-87	3.2	82
14	Plant-derived human butyrylcholinesterase, but not an organophosphorous-compound hydrolyzing variant thereof, protects rodents against nerve agents. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 20251-6	11.5	68
13	Nanoscavenger provides long-term prophylactic protection against nerve agents in rodents. <i>Science Translational Medicine</i> , <b>2019</b> , 11,	17.5	39
12	Probing the activity of a non-oxime reactivator for acetylcholinesterase inhibited by organophosphorus nerve agents. <i>Chemico-Biological Interactions</i> , <b>2016</b> , 259, 133-141	5	24
11	Nerve agent hydrolysis activity designed into a human drug metabolism enzyme. <i>PLoS ONE</i> , <b>2011</b> , 6, e17441	3.7	18
10	Independence and interdependence of Dif and Frz chemosensory pathways in <i>Myxococcus xanthus</i> chemotaxis. <i>Molecular Microbiology</i> , <b>2008</b> , 69, 714-23	4.1	16
9	Purification, characterization, and N-glycosylation of recombinant butyrylcholinesterase from transgenic rice cell suspension cultures. <i>Biotechnology and Bioengineering</i> , <b>2018</b> , 115, 1301-1310	4.9	14
8	Butyrylcholinesterase, a stereospecific in vivo bioscavenger against nerve agent intoxication. <i>Biochemical Pharmacology</i> , <b>2020</b> , 171, 113670	6	12
7	Comparison of human and guinea pig acetylcholinesterase sequences and rates of oxime-assisted reactivation. <i>Chemico-Biological Interactions</i> , <b>2010</b> , 187, 229-33	5	10
6	Adeno-associated virus-mediated expression of human butyrylcholinesterase to treat organophosphate poisoning. <i>PLoS ONE</i> , <b>2019</b> , 14, e0225188	3.7	4
5	The role of genetic background in susceptibility to chemical warfare nerve agents across rodent and non-human primate models. <i>Toxicology</i> , <b>2018</b> , 393, 51-61	4.4	3
4	Evaluating mice lacking serum carboxylesterase as a behavioral model for nerve agent intoxication. <i>Toxicology Mechanisms and Methods</i> , <b>2018</b> , 28, 563-572	3.6	3
3	Novel Genetically Modified Mouse Model to Assess Soman-Induced Toxicity and Medical Countermeasure Efficacy: Human Acetylcholinesterase Knock-in Serum Carboxylesterase Knockout Mice. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	1
2	Development of a CNS-permeable reactivator for nerve agent exposure: an iterative, multi-disciplinary approach. <i>Scientific Reports</i> , <b>2021</b> , 11, 15567	4.9	0
1	Utilizing Structure-Activity Relationships to Design Non - Oxime Reactivators. <i>FASEB Journal</i> , <b>2018</b> , 32, lb79	0.9	