

# Nidhi Aggarwal

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9176415/publications.pdf>

Version: 2024-02-01

7  
papers

200  
citations

1307366

7  
h-index

1719901

7  
g-index

7  
all docs

7  
docs citations

7  
times ranked

195  
citing authors

#	ARTICLE	IF	CITATIONS
1	Overcoming an optimization plateau in the directed evolution of highly efficient nerve agent bioscavengers. <i>Protein Engineering, Design and Selection</i> , 2017, 30, 333-345.	1.0	57
2	Catalytic efficiencies of directly evolved phosphotriesterase variants with structurally different organophosphorus compounds in vitro. <i>Archives of Toxicology</i> , 2016, 90, 2711-2724.	1.9	42
3	Post-exposure treatment of VX poisoned guinea pigs with the engineered phosphotriesterase mutant C23: A proof-of-concept study. <i>Toxicology Letters</i> , 2014, 231, 45-54.	0.4	40
4	Single treatment of VX poisoned guinea pigs with the phosphotriesterase mutant C23AL: Intraosseous versus intravenous injection. <i>Toxicology Letters</i> , 2016, 258, 198-206.	0.4	24
5	InÂvitro evaluation of the catalytic activity of paraoxonases and phosphotriesterases predicts the enzyme circulatory levels required for inÂvivo protection against organophosphate intoxications. <i>Chemico-Biological Interactions</i> , 2016, 259, 252-256.	1.7	17
6	Expression, purification, crystallization and preliminary X-ray diffraction analysis of carbonyl reductase from <i>Candida parapsilosis</i> ATCC 7330. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2013, 69, 313-315.	0.7	12
7	Understanding substrate specificity and enantioselectivity of carbonyl reductase from <i>Candida parapsilosis</i> ATCC 7330 (CpCR): Experimental and modeling studies. <i>Molecular Catalysis</i> , 2018, 460, 40-45.	1.0	8