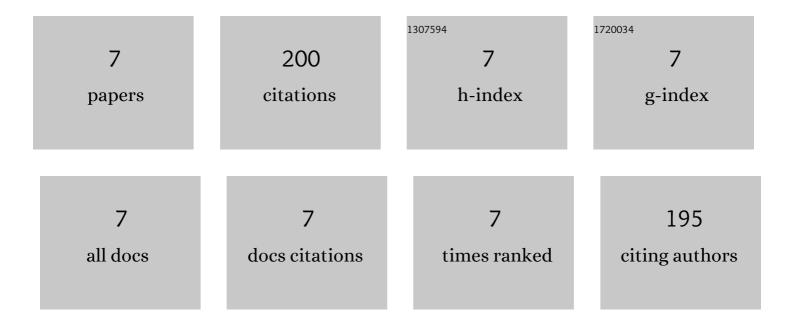
Nidhi Aggarwal

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/9176415/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Overcoming an optimization plateau in the directed evolution of highly efficient nerve agent bioscavengers. Protein Engineering, Design and Selection, 2017, 30, 333-345.	2.1	57
2	Catalytic efficiencies of directly evolved phosphotriesterase variants with structurally different organophosphorus compounds in vitro. Archives of Toxicology, 2016, 90, 2711-2724.	4.2	42
3	Post-exposure treatment of VX poisoned guinea pigs with the engineered phosphotriesterase mutant C23: A proof-of-concept study. Toxicology Letters, 2014, 231, 45-54.	0.8	40
4	Single treatment of VX poisoned guinea pigs with the phosphotriesterase mutant C23AL: Intraosseous versus intravenous injection. Toxicology Letters, 2016, 258, 198-206.	0.8	24
5	InÂvitro evaluation of the catalytic activity of paraoxonases and phosphotriesterases predicts the enzyme circulatory levels required for inÂvivo protection against organophosphate intoxications. Chemico-Biological Interactions, 2016, 259, 252-256.	4.0	17
6	Expression, purification, crystallization and preliminary X-ray diffraction analysis of carbonyl reductase from <i>Candida parapsilosis</i> ATCC 7330. Acta Crystallographica Section F: Structural Biology Communications, 2013, 69, 313-315.	0.7	12
7	Understanding substrate specificity and enantioselectivity of carbonyl reductase from Candida parapsilosis ATCC 7330 (CpCR): Experimental and modeling studies. Molecular Catalysis, 2018, 460, 40-45.	2.0	8