

# Akram Shirdel

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10124717/publications.pdf>

Version: 2024-02-01

9  
papers

44  
citations

1937685

4  
h-index

1720034

7  
g-index

9  
all docs

9  
docs citations

9  
times ranked

35  
citing authors

#	ARTICLE	IF	CITATIONS
1	Longer characteristic wavelength in a novel engineered photoprotein Mnemiopsin 2. Photochemical and Photobiological Sciences, 2022, , 1.	2.9	1
2	Comparing similar versions of a connecting helix on the structure of Chondroitinase ABC I. Enzyme and Microbial Technology, 2022, 160, 110073.	3.2	1
3	Bioinformatics and experimental studies on the structural roles of a surface-exposed $\hat{I}\pm$ -helix at the C-terminal domain of Chondroitinase ABC I. International Journal of Biological Macromolecules, 2020, 163, 1572-1578.	7.5	2
4	Structural and functional consequences of replacement of His403 with Arg near the catalytic site of Anoxybacillus flavithermus cyclomaltodextrinase. Enzyme and Microbial Technology, 2019, 131, 109421.	3.2	3
5	Designing and construction of novel variants of Chondroitinase ABC I to reduce aggregation rate. Archives of Biochemistry and Biophysics, 2019, 668, 46-53.	3.0	6
6	Molecular mechanisms governing the evolutionary conservation of Glycine in the 6th position of loops $\hat{I}^{TM}\hat{I}^{TM}\hat{I}^{TM}$ and $\hat{I}^{TM}V$ in photoprotein mnemiopsin 2. Journal of Photochemistry and Photobiology B: Biology, 2018, 187, 18-24.	3.8	5
7	Investigating the structural and functional features of representative recombinants of chondroitinase ABC I. Enzyme and Microbial Technology, 2017, 107, 64-71.	3.2	7
8	Optimization of conformational stability and catalytic efficiency in chondroitinase ABC $\hat{I}^{TM}$ by protein engineering methods. Engineering in Life Sciences, 2016, 16, 690-696.	3.6	13
9	The effect of charge alteration and flexibility on the function and structural stability of sweet-tasting brazzein. RSC Advances, 2016, 6, 59834-59841.	3.6	6