Akram Shirdel

List of Publications by Year
in descending order

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	Optimization of conformational stability and catalytic efficiency in chondroitinase ABC Î™ by protein engineering methods. Engineering in Life Sciences, 2016, 16, 690-696.	3.6	13
2	Investigating the structural and functional features of representative recombinants of chondroitinase ABC I. Enzyme and Microbial Technology, 2017, 107, 64-71.	3.2	7
3	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
4	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
5	Molecular mechanisms governing the evolutionary conservation of Glycine in the 6th position of loops Î™Î™Î™ and Î™V in photoprotein mnemiopsin 2. Journal of Photochemistry and Photobiology B: Biology, 2018, 187, 18-24.	3.8	5
6	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
7	Bioinformatics and experimental studies on the structural roles of a surface-exposed Î±-helix at the C-terminal domain of Chondroitinase ABC I. International Journal of Biological Macromolecules, 2020, 163, 1572-1578.	7.5	2
8	Longer characteristic wavelength in a novel engineered photoprotein Mnemiopsin 2. Photochemical and Photobiological Sciences, 2022, , 1.	2.9	1
9	Comparing similar versions of a connecting helix on the structure of Chondroitinase ABC I. Enzyme and Microbial Technology, 2022, 160, 110073.	3.2	1