

Brahm Yachnin

List of Publications by Year in descending order

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19
docs citations

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citing authors

#	ARTICLE	IF	CITATIONS
1	Massively parallel, computationally guided design of a proenzyme. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2116097119.	7.1	6
2	MHCEpitopeEnergy, a Flexible Rosetta-Based Biotherapeutic Deimmunization Platform. Journal of Chemical Information and Modeling, 2021, 61, 2368-2382.	5.4	12
3	Ensuring scientific reproducibility in bio-macromolecular modeling via extensive, automated benchmarks. Nature Communications, 2021, 12, 6947.	12.8	16
4	Identification and characterization of hippuristanol-resistant mutants reveals eIF4A1 dependencies within mRNA 5' leader regions. Nucleic Acids Research, 2020, 48, 9521-9537.	14.5	22
5	Structure-Based Design of Dimeric Bisbenzimidazole Inhibitors to an Emergent Trimethoprim-Resistant Type II Dihydrofolate Reductase Guides the Design of Monomeric Analogues. ACS Omega, 2019, 4, 10056-10069.	3.5	7
6	Massively Parallel Protein Design to Develop Enzymes for Next-Generation Chemotherapy. FASEB Journal, 2019, 33, 472.13.	0.5	0
7	Computational Design of a Photocontrolled Cytosine Deaminase. Journal of the American Chemical Society, 2018, 140, 14-17.	13.7	26
8	Engineering carboxypeptidase G2 circular permutations for the design of an autoinhibited enzyme. Protein Engineering, Design and Selection, 2017, 30, 321-331.	2.1	7
9	Comprehensive characterization of ligand-induced plasticity changes in a dimeric enzyme. FEBS Journal, 2016, 283, 3029-3038.	4.7	4
10	The role of conformational flexibility in Baeyer-Villiger monooxygenase catalysis and structure. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2016, 1864, 1641-1648.	2.3	21
11	Lactone-Bound Structures of Cyclohexanone Monooxygenase Provide Insight into the Stereochemistry of Catalysis. ACS Chemical Biology, 2014, 9, 2843-2851.	3.4	39
12	The Substrate-Bound Crystal Structure of a Baeyer-Villiger Monooxygenase Exhibits a Criegee-like Conformation. Journal of the American Chemical Society, 2012, 134, 7788-7795.	13.7	81
13	Novel crystallization conditions for tandem variant R67 DHFR yield a wild-type crystal structure. Acta Crystallographica Section F: Structural Biology Communications, 2011, 67, 1316-1322.	0.7	8
14	Sustained Development in Baeyer-Villiger Biooxidation Technology. ACS Symposium Series, 2010, , 343-372.	0.5	6
15	Multiple Conformers in Active Site of Human Dihydrofolate Reductase F31R/Q35E Double Mutant Suggest Structural Basis for Methotrexate Resistance. Journal of Biological Chemistry, 2009, 284, 20079-20089.	3.4	33
16	Crystal Structures of Cyclohexanone Monooxygenase Reveal Complex Domain Movements and a Sliding Cofactor. Journal of the American Chemical Society, 2009, 131, 8848-8854.	13.7	151
17	Characterization of the Redox and Metal Binding Activity of BsSco, a Protein Implicated in the Assembly of Cytochrome c Oxidase. Biochemistry, 2005, 44, 16949-16956.	2.5	32