Charlie Strauss

List of Publications by Year
in descending order

9 papers	500 citations	1478280 6 h-index	1588896 8 g-index
13 all docs	13 docs citations	13 times ranked	1021 citing authors

#	Article	IF	Citations
1	Generalized Fragment Picking in Rosetta: Design, Protocols and Applications. PLoS ONE, 2011, 6, e23294.	1.1	172
2	Emergence of symmetry in homooligomeric biological assemblies. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 16148-16152.	3.3	153
3	Engineering an *Acinetobacter* regulon for biosensing and high-throughput enzyme screening in *E. coli* via flow cytometry. Nucleic Acids Research, 2014, 42, 8150-8160.	6.5	59
4	Rosetta comparative modeling for library design: Engineering alternative inducer specificity in a transcription factor. Proteins: Structure, Function and Bioinformatics, 2015, 83, 1327-1340.	1.5	51
5	A microbial sensor for organophosphate hydrolysis exploiting an engineered specificity switch in a transcription factor. Nucleic Acids Research, 2016, 44, 8490-8500.	6.5	31
6	Prediction of β-strand packing interactions using the signature product. Journal of Molecular Modeling, 2006, 12, 355-361.	0.8	9
7	The 2010 Rosetta Developers Meeting: Macromolecular Prediction and Design Meets Reproducible Publishing. PLoS ONE, 2011, 6, e22431.	1.1	7
8	Exploring the sequence–function relationship in transcriptional regulation by the *lac* O$_1$ operator. FEBS Journal, 2012, 279, 2534-2543.	2.2	3
9	Conformational control via sequence for a heteropeptoid in water: coupled NMR and Rosetta modelling. Chemical Communications, 2021, 57, 9922-9925.	2.2	1