Thomas E Frederick

List of Publications by Year
in descending order

12	311	933447 10	1199594 12
papers	citations	h-index	g-index

13	13	13	461
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A cryptic pocket in Ebola VP35 allosterically controls RNA binding. Nature Communications, 2022, 13, 2269.	12.8	19
2	Opening of a cryptic pocket in Î²-lactamase increases penicillinase activity. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	17
3	The Cap-Snatching SFTSV Endonuclease Domain Is an Antiviral Target. Cell Reports, 2020, 30, 153-163.e5.	6.4	31
4	Coupled intra- and interdomain dynamics support domain cross-talk in Pin1. Journal of Biological Chemistry, 2020, 295, 16585-16603.	3.4	5
5	Electron Cryo-microscopy Structure of Ebola Virus Nucleoprotein Reveals a Mechanism for Nucleocapsid-like Assembly. Cell, 2018, 172, 966-978.e12.	28.9	51
6	A gratuitous Î²-Lactamase inducer uncovers hidden active site dynamics of the Staphylococcus aureus BlaR1 sensor domain. PLoS ONE, 2018, 13, e0197241.	2.5	6
7	Endogenous retinoid X receptor ligands in mouse hematopoietic cells. Science Signaling, 2017, 10, .	3.6	18
8	Repurposing Hsp90 inhibitors as antibiotics targeting histidine kinases. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 5235-5244.	2.2	18
9	Prediction of New Stabilizing Mutations Based on Mechanistic Insights from Markov State Models. ACS Central Science, 2017, 3, 1311-1321.	11.3	55
10	Designing small molecules to target cryptic pockets yields both positive and negative allosteric modulators. PLoS ONE, 2017, 12, e0178678.	2.5	53
11	Investigation of Signal Transduction Routes within the Sensor/Transducer Protein BlaR1 of Staphylococcus aureus. Biochemistry, 2015, 54, 1600-1610.	2.5	25
12	Revealing Cell-Surface Intramolecular Interactions in the BlaR1 Protein of Methicillin-Resistant Staphylococcus aureus by NMR Spectroscopy. Biochemistry, 2014, 53, 10-12.	2.5	13