Cynthia V Stauffacher

List of Publications by Year
in descending order

22 papers	767 citations	759233 12 h-index	677142 22 g-index
22 all docs	22 docs citations	22 times ranked	904 citing authors

#	Article	IF	Citations
1	Microsecond timescale MD simulations at the transition state of PmHMGR predict remote allosteric residues. Chemical Science, 2021, 12, 6413-6418.	7.4	7
2	Visualizing the enzyme mechanism of mevalonate diphosphate decarboxylase. Nature Communications, 2020, 11, 3969.	12.8	13
3	Rice Cellulose SynthaseA8 Plant-Conserved Region Is a Coiled-Coil at the Catalytic Core Entrance. Plant Physiology, 2017, 173, 482-494.	4.8	27
4	Mevalonate 5-diphosphate mediates ATP binding to the mevalonate diphosphate decarboxylase from the bacterial pathogen Enterococcus faecalis. Journal of Biological Chemistry, 2017, 292, 21340-21351.	3.4	11
5	Nonfouling NTA-PEG-Based TEM Grid Coatings for Selective Capture of Histidine-Tagged Protein Targets from Cell Lysates. Langmuir, 2016, 32, 551-559.	3.5	30
6	In Vitro Reassembly of the Ribose ATP-binding Cassette Transporter Reveals a Distinct Set of Transport Complexes. Journal of Biological Chemistry, 2015, 290, 5555-5565.	3.4	14
7	Crystallographic analysis of the ENTH domain from yeast epsin Ent2 that induces a cell division phenotype. Protein Science, 2013, 22, 755-761.	7.6	3
8	The Increasingly Complex Mechanism of HMG-CoA Reductase. Accounts of Chemical Research, 2013, 46, 2416-2426.	15.6	47
9	Molecular Modeling of the Reaction Pathway and Hydride Transfer Reactions of HMG-CoA Reductase. Biochemistry, 2012, 51, 7983-7995.	2.5	31
10	Specificity of HCPTP variants toward EphA2 tyrosines by quantitative selected reaction monitoring. Protein Science, 2011, 20, 1172-1181.	7.6	11
11	Identification of novel inhibitors for a low molecular weight protein tyrosine phosphatase via virtual screening. Bioorganic and Medicinal Chemistry, 2010, 18, 5449-5456.	3.0	12
12	Use of selected reaction monitoring data for labelâ€free quantification of protein modification stoichiometry. Proteomics, 2010, 10, 4301-4305.	2.2	10
13	Expression and purification of the intact cytoplasmic domain of the human ephrin receptor A2 tyrosine kinase in Escherichia coli. Protein Expression and Purification, 2006, 47, 210-216.	1.3	4
14	Crystal Structure of the Human B-form Low Molecular Weight Phosphotyrosyl Phosphatase at 1.6-Ã... Resolution. Journal of Biological Chemistry, 2006, 281, 6520-6527.	3.4	34
15	Synthesis of a 5-Azaindole Phosphonic Acid as a Computationally Designed Inhibitor of the Low Molecular Weight Phosphatase HCPTP. Heterocycles, 2006, 70, 599.	0.7	5
16	Class II 3-Hydroxy-3-Methylglutaryl Coenzyme A Reductases. Journal of Bacteriology, 2004, 186, 1927-1932.	2.2	50
17	Inhibition studies with rationally designed inhibitors of the human low molecular weight protein tyrosine phosphatase. Bioorganic and Medicinal Chemistry, 2004, 12, 1867-1880.	3.0	26
18	Structural and Mechanistic Basis for the Activation of a Low-Molecular Weight Protein Tyrosine Phosphatase by Adenineâ€‚â€¡. Biochemistry, 2000, 39, 1234-1242.	2.5	25

#	Article	IF	Citations
19	Crystal Structures of a Low-Molecular Weight Protein Tyrosine Phosphatase from Saccharomyces cerevisiae and Its Complex with the Substrate p-Nitrophenyl Phosphate,. Biochemistry, 2000, 39, 1903-1914.	2.5	63
20	The Structure of the Bovine Protein Tyrosine Phosphatase Dimer Reveals a Potential Self-Regulation Mechanism,. Biochemistry, 1999, 38, 11651-11658.	2.5	33
21	Crystal Structure of a Human Low Molecular Weight Phosphotyrosyl Phosphatase. Journal of Biological Chemistry, 1998, 273, 21714-21720.	3.4	71
22	Crystal Structure of Bovine Low Molecular Weight Phosphotyrosyl Phosphatase Complexed with the Transition State Analog Vanadate,. Biochemistry, 1997, 36, 15-23.	2.5	240