

Cynthia V Stauffacher

List of Publications by Year in descending order

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22
papers

767
citations

759233

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677142

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22
docs citations

22
times ranked

904
citing authors

#	ARTICLE	IF	CITATIONS
1	Crystal Structure of Bovine Low Molecular Weight Phosphotyrosyl Phosphatase Complexed with the Transition State Analog Vanadate,. <i>Biochemistry</i> , 1997, 36, 15-23.	2.5	240
2	Crystal Structure of a Human Low Molecular Weight Phosphotyrosyl Phosphatase. <i>Journal of Biological Chemistry</i> , 1998, 273, 21714-21720.	3.4	71
3	Crystal Structures of a Low-Molecular Weight Protein Tyrosine Phosphatase from <i>Saccharomyces cerevisiae</i> and Its Complex with the Substrate p-Nitrophenyl Phosphate,. <i>Biochemistry</i> , 2000, 39, 1903-1914.	2.5	63
4	Class II 3-Hydroxy-3-Methylglutaryl Coenzyme A Reductases. <i>Journal of Bacteriology</i> , 2004, 186, 1927-1932.	2.2	50
5	The Increasingly Complex Mechanism of HMG-CoA Reductase. <i>Accounts of Chemical Research</i> , 2013, 46, 2416-2426.	15.6	47
6	Crystal Structure of the Human B-form Low Molecular Weight Phosphotyrosyl Phosphatase at 1.6-Å... Resolution. <i>Journal of Biological Chemistry</i> , 2006, 281, 6520-6527.	3.4	34
7	The Structure of the Bovine Protein Tyrosine Phosphatase Dimer Reveals a Potential Self-Regulation Mechanism,. <i>Biochemistry</i> , 1999, 38, 11651-11658.	2.5	33
8	Molecular Modeling of the Reaction Pathway and Hydride Transfer Reactions of HMG-CoA Reductase. <i>Biochemistry</i> , 2012, 51, 7983-7995.	2.5	31
9	Nonfouling NTA-PEG-Based TEM Grid Coatings for Selective Capture of Histidine-Tagged Protein Targets from Cell Lysates. <i>Langmuir</i> , 2016, 32, 551-559.	3.5	30
10	Rice Cellulose SynthaseA8 Plant-Conserved Region Is a Coiled-Coil at the Catalytic Core Entrance. <i>Plant Physiology</i> , 2017, 173, 482-494.	4.8	27
11	Inhibition studies with rationally designed inhibitors of the human low molecular weight protein tyrosine phosphatase. <i>Bioorganic and Medicinal Chemistry</i> , 2004, 12, 1867-1880.	3.0	26
12	Structural and Mechanistic Basis for the Activation of a Low-Molecular Weight Protein Tyrosine Phosphatase by Adenineâ€. <i>Biochemistry</i> , 2000, 39, 1234-1242.	2.5	25
13	In Vitro Reassembly of the Ribose ATP-binding Cassette Transporter Reveals a Distinct Set of Transport Complexes. <i>Journal of Biological Chemistry</i> , 2015, 290, 5555-5565.	3.4	14
14	Visualizing the enzyme mechanism of mevalonate diphosphate decarboxylase. <i>Nature Communications</i> , 2020, 11, 3969.	12.8	13
15	Identification of novel inhibitors for a low molecular weight protein tyrosine phosphatase via virtual screening. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 5449-5456.	3.0	12
16	Specificity of HCPTP variants toward EphA2 tyrosines by quantitative selected reaction monitoring. <i>Protein Science</i> , 2011, 20, 1172-1181.	7.6	11
17	Mevalonate 5-diphosphate mediates ATP binding to the mevalonate diphosphate decarboxylase from the bacterial pathogen <i>Enterococcus faecalis</i> . <i>Journal of Biological Chemistry</i> , 2017, 292, 21340-21351.	3.4	11
18	Use of selected reaction monitoring data for labelâ€free quantification of protein modification stoichiometry. <i>Proteomics</i> , 2010, 10, 4301-4305.	2.2	10

#	ARTICLE	IF	CITATIONS
19	Microsecond timescale MD simulations at the transition state of <i>Pm</i> HMGR predict remote allosteric residues. <i>Chemical Science</i> , 2021, 12, 6413-6418.	7.4	7
20	Synthesis of a 5-Azaindole Phosphonic Acid as a Computationally Designed Inhibitor of the Low Molecular Weight Phosphatase HCPTP. <i>Heterocycles</i> , 2006, 70, 599.	0.7	5
21	Expression and purification of the intact cytoplasmic domain of the human ephrin receptor A2 tyrosine kinase in <i>Escherichia coli</i> . <i>Protein Expression and Purification</i> , 2006, 47, 210-216.	1.3	4
22	Crystallographic analysis of the ENTH domain from yeast epsin Ent2 that induces a cell division phenotype. <i>Protein Science</i> , 2013, 22, 755-761.	7.6	3