

Christopher T Jurgenson

List of Publications by Year in descending order

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11
papers

687
citations

1040056

9
h-index

1372567

10
g-index

12
all docs

12
docs citations

12
times ranked

919
citing authors

#	ARTICLE	IF	CITATIONS
1	The Structural and Biochemical Foundations of Thiamin Biosynthesis. <i>Annual Review of Biochemistry</i> , 2009, 78, 569-603.	11.1	285
2	Structural and biochemical characterization of two binding sites for nucleation-promoting factor WASp-VCA on Arp2/3 complex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, E463-71.	7.1	124
3	Biosynthesis of Thiamin Thiazole in Eukaryotes: Conversion of NAD to an Advanced Intermediate. <i>Journal of the American Chemical Society</i> , 2007, 129, 2914-2922.	13.7	66
4	Thiamin Biosynthesis in Eukaryotes: Characterization of the Enzyme-Bound Product of Thiazole Synthase from <i>Saccharomyces cerevisiae</i> and Its Implications in Thiazole Biosynthesis. <i>Journal of the American Chemical Society</i> , 2006, 128, 7158-7159.	13.7	54
5	O-Phospho-L-serine and the Thiocarboxylated Sulfur Carrier Protein CysO-COSH Are Substrates for CysM, a Cysteine Synthase from <i>Mycobacterium tuberculosis</i> . <i>Biochemistry</i> , 2008, 47, 11606-11615.	2.5	44
6	Structural Insights into the Function of the Thiamin Biosynthetic Enzyme Thi4 from <i>Saccharomyces cerevisiae</i> . <i>Biochemistry</i> , 2006, 45, 11061-11070.	2.5	39
7	Crystal Structure of a Sulfur Carrier Protein Complex Found in the Cysteine Biosynthetic Pathway of <i>Mycobacterium tuberculosis</i> . <i>Biochemistry</i> , 2008, 47, 10354-10364.	2.5	32
8	Biosynthesis of the Thiamin-Thiazole in Eukaryotes: Identification of a Thiazole Tautomer Intermediate. <i>Journal of the American Chemical Society</i> , 2008, 130, 11394-11398.	13.7	24
9	Crystals of the Arp2/3 complex in two new space groups with structural information about actin-related protein 2 and potential WASP binding sites. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2015, 71, 1161-1168.	0.8	9
10	Biosynthesis of Thiamin Pyrophosphate. <i>EcoSal Plus</i> , 2009, 3, .	5.4	7
11	Using 3D Printing to Make Models for Visualization of Protein Structure. <i>Journal of Chemical Education</i> , 2022, 99, 2005-2011.	2.3	1