

Mark A Saper

List of Publications by Year in descending order

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30
papers

4,059
citations

331259

21
h-index

454577

30
g-index

30
all docs

30
docs citations

30
times ranked

2885
citing authors

#	ARTICLE	IF	CITATIONS
1	Escherichia coli O127 group 4 capsule proteins assemble at the outer membrane. PLoS ONE, 2021, 16, e0259900.	1.1	5
2	Structural basis of peptidoglycan endopeptidase regulation. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 11692-11702.	3.3	27
3	The gfc operon is involved in the formation of the O antigen capsule in Aeromonas hydrophila and contributes to virulence in channel catfish. Aquaculture, 2019, 512, 734334.	1.7	12
4	Structure of the capsule and lipopolysaccharide O-antigen from the channel catfish pathogen, Aeromonas hydrophila. Carbohydrate Research, 2019, 486, 107858.	1.1	13
5	Crystal structures of the amino-terminal domain of LpoA from <i>Escherichia coli</i> and <i>Haemophilus influenzae</i> . Acta Crystallographica Section F, Structural Biology Communications, 2019, 75, 368-376.	0.4	4
6	Crystal Structure Of Photorespiratory Alanine:Glyoxylate Aminotransferase 1 (AGT1) From Arabidopsis thaliana. Frontiers in Plant Science, 2019, 10, 1229.	1.7	9
7	Structural analyses of the Haemophilus influenzae peptidoglycan synthase activator LpoA suggest multiple conformations in solution. Journal of Biological Chemistry, 2017, 292, 17626-17642.	1.6	13
8	Cycling of Etk and Etp Phosphorylation States Is Involved in Formation of Group 4 Capsule by Escherichia coli. PLoS ONE, 2012, 7, e37984.	1.1	23
9	The Crystal Structure of <i>Escherichia coli</i> Group 4 Capsule Protein GfcC Reveals a Domain Organization Resembling That of Wza. Biochemistry, 2011, 50, 5465-5476.	1.2	31
10	Structure of YraM, a protein essential for growth of <i>Haemophilus influenzae</i> . Proteins: Structure, Function and Bioinformatics, 2008, 73, 204-217.	1.5	11
11	Two substrate-targeting sites in the Yersinia protein tyrosine phosphatase co-operate to promote bacterial virulence. Molecular Microbiology, 2005, 55, 1346-1356.	1.2	48
12	Identification of an Escherichia coli Operon Required for Formation of the O-Antigen Capsule. Journal of Bacteriology, 2005, 187, 5259-5266.	1.0	87
13	Solution Structure and Phosphopeptide Binding to the N-terminal Domain of Yersinia YopH: Comparison with a Crystal Structure. Biochemistry, 2002, 41, 11425-11437.	1.2	29
14	Structure of the type III secretion and substrate-binding domain of Yersinia YopH phosphatase. Molecular Microbiology, 2001, 42, 967-979.	1.2	33
15	¹ H, ¹⁵ N and ¹³ C assignments of the N-terminal domain of Yersinia outer protein H in its apo form and in complex with a phosphotyrosine peptide. Journal of Biomolecular NMR, 2001, 21, 69-70.	1.6	5
16	The 2.2 Å... Crystal Structure of Hsp33. Structure, 2001, 9, 367-375.	1.6	54
17	Structure of Hsp15 reveals a novel RNA-binding motif. EMBO Journal, 2000, 19, 749-757.	3.5	56
18	RNA Methylation under Heat Shock Control. Molecular Cell, 2000, 6, 349-360.	4.5	228

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19	Crystal Structure of the Catalytic Domain of the Human Cell Cycle Control Phosphatase, Cdc25A. <i>Cell</i> , 1998, 93, 617-625.	13.5	265
20	Structure of benzyl T-antigen disaccharide bound to <i>Amaranthus caudatus</i> agglutinin. <i>Nature Structural Biology</i> , 1997, 4, 779-783.	9.7	79
21	Form and Function in Protein Dephosphorylation. <i>Cell</i> , 1996, 87, 361-364.	13.5	339
22	Structure and function of the protein tyrosine phosphatases. <i>Trends in Biochemical Sciences</i> , 1996, 21, 413-417.	3.7	342
23	The X-ray Crystal Structures of <i>Yersinia</i> Tyrosine Phosphatase with Bound Tungstate and Nitrate. <i>Journal of Biological Chemistry</i> , 1996, 271, 18780-18788.	1.6	106
24	A ligand-induced conformational change in the <i>Yersinia</i> protein tyrosine phosphatase. <i>Protein Science</i> , 1995, 4, 1904-1913.	3.1	116
25	The Purification and Characterization of a Human Dual-specific Protein Tyrosine Phosphatase. <i>Journal of Biological Chemistry</i> , 1995, 270, 3796-3803.	1.6	82
26	Crystal structure of <i>Yersinia</i> protein tyrosine phosphatase at 2.5 Å... and the complex with tungstate. <i>Nature</i> , 1994, 370, 571-575.	13.7	423
27	The Cys(X)5Arg Catalytic Motif in Phosphoester Hydrolysis. <i>Biochemistry</i> , 1994, 33, 15266-15270.	1.2	179
28	Periplasmic binding protein structure and function. <i>Journal of Molecular Biology</i> , 1989, 206, 171-191.	2.0	252
29	A hypothetical model of the foreign antigen binding site of Class II histocompatibility molecules. <i>Nature</i> , 1988, 332, 845-850.	13.7	1,161
30	Nonrandom distribution of receptors for melanocyte-stimulating hormone on the surface of mouse melanoma cells. <i>Journal of Supramolecular Structure</i> , 1976, 4, 45-49.	2.3	27