

Janet S Finer-Moore

List of Publications by Year in descending order

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27
papers

2,085
citations

471509

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642732

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docs citations

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times ranked

2201
citing authors

#	ARTICLE	IF	CITATIONS
1	Caught in Action: X-ray Structure of Thymidylate Synthase with Noncovalent Intermediate Analog. <i>Biochemistry</i> , 2021, 60, 1243-1247.	2.5	1
2	Diversity in kinetics correlated with structure in nano body-stabilized LacY. <i>PLoS ONE</i> , 2020, 15, e0232846.	2.5	3
3	Diversity in kinetics correlated with structure in nano body-stabilized LacY. , 2020, 15, e0232846.		0
4	Diversity in kinetics correlated with structure in nano body-stabilized LacY. , 2020, 15, e0232846.		0
5	Diversity in kinetics correlated with structure in nano body-stabilized LacY. , 2020, 15, e0232846.		0
6	Diversity in kinetics correlated with structure in nano body-stabilized LacY. , 2020, 15, e0232846.		0
7	A Single Mutation Traps a Half-Sites Reactive Enzyme in Midstream, Explaining Asymmetry in Hydride Transfer. <i>Biochemistry</i> , 2018, 57, 2786-2795.	2.5	9
8	Crystal Structure of a ligand-bound LacYâ€“Nanobody Complex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 8769-8774.	7.1	32
9	Mechanism of inhibition of human glucose transporter GLUT1 is conserved between cytochalasin B and phenylalanine amides. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 4711-4716.	7.1	170
10	Crystal Structure of the Human tRNA m1A58 Methyltransferaseâ€“tRNA3Lys Complex: Refolding of Substrate tRNA Allows Access to the Methylation Target. <i>Journal of Molecular Biology</i> , 2015, 427, 3862-3876.	4.2	48
11	Structure of LacY with an Î±-substituted galactoside: Connecting the binding site to the protonation site. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 9004-9009.	7.1	45
12	Substrates Control Multimerization and Activation of the Multi-Domain ATPase Motor of Type VII Secretion. <i>Cell</i> , 2015, 161, 501-512.	28.9	124
13	A Remote Mutation Affects the Hydride Transfer by Disrupting Concerted Protein Motions in Thymidylate Synthase. <i>Journal of the American Chemical Society</i> , 2012, 134, 17722-17730.	13.7	42
14	The Role of Protein Dynamics in Thymidylate Synthase Catalysis:â€“ Variants of Conserved 2â€“Deoxyuridine 5â€“Monophosphate (dUMP)-Binding Tyr-261,. <i>Biochemistry</i> , 2006, 45, 7415-7428.	2.5	38
15	Substrate Recognition by RNA 5-Methyluridine Methyltransferases and Pseudouridine Synthases: A Structural Perspective. <i>Journal of Biological Chemistry</i> , 2006, 281, 38969-38973.	3.4	31
16	The structure of <i>Cryptococcus neoformans</i> thymidylate synthase suggests strategies for using target dynamics for species-specific inhibition. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2005, 61, 1320-1334.	2.5	10
17	Lessons and Conclusions from Dissecting the Mechanism of a Bisubstrate Enzyme:â€“ Thymidylate Synthase Mutagenesis, Function, and Structureâ€“. <i>Biochemistry</i> , 2003, 42, 248-256.	2.5	116
18	Conformational Dynamics along an Enzymatic Reaction Pathway:â€“ Thymidylate Synthase, â€“the Movieâ€“. <i>Biochemistry</i> , 2003, 42, 239-247.	2.5	96

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19	The only active mutant of thymidylate synthase D169, a residue far from the site of methyl transfer, demonstrates the exquisite nature of enzyme specificity. <i>Protein Engineering, Design and Selection</i> , 2003, 16, 229-240.	2.1	8
20	Tryptophan 80 and Leucine 143 Are Critical for the Hydride Transfer Step of Thymidylate Synthase by Controlling Active Site Access. <i>Biochemistry</i> , 2002, 41, 7021-7029.	2.5	42
21	Design of potent selective zinc-mediated serine protease inhibitors. <i>Nature</i> , 1998, 391, 608-612.	27.8	164
22	Efficiency of signalling through cytokine receptors depends critically on receptor orientation. <i>Nature</i> , 1998, 395, 511-516.	27.8	545
23	Asparagine 229 Mutants of Thymidylate Synthase Catalyze the Methylation of 3-Methyl-2-deoxyuridine 5-Monophosphate. <i>Biochemistry</i> , 1996, 35, 3944-3949.	2.5	3
24	Stereochemistry of a multistep/bipartite methyl transfer reaction: thymidylate synthase. <i>FASEB Journal</i> , 1993, 7, 671-677.	0.5	40
25	Solvent structure in crystals of trypsin determined by X-ray and neutron diffraction. <i>Proteins: Structure, Function and Bioinformatics</i> , 1992, 12, 203-222.	2.6	102
26	Plastic adaptation toward mutations in proteins: Structural comparison of thymidylate synthases. <i>Proteins: Structure, Function and Bioinformatics</i> , 1990, 8, 315-333.	2.6	154
27	Structure, multiple site binding, and segmental accommodation in thymidylate synthase on binding dUMP and an anti-folate. <i>Biochemistry</i> , 1990, 29, 6964-6977.	2.5	262