

Mark Santer

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5050597/publications.pdf>

Version: 2024-02-01

17
papers

361
citations

840776

11
h-index

940533

16
g-index

19
all docs

19
docs citations

19
times ranked

515
citing authors

#	ARTICLE	IF	CITATIONS
1	Coarse-Grained Molecular Model for the Glycosylphosphatidylinositol Anchor with and without Protein. <i>Journal of Chemical Theory and Computation</i> , 2020, 16, 3889-3903.	5.3	10
2	Increasing the Affinity of an O-Antigen Polysaccharide Binding Site in <i>Shigella flexneri</i> Bacteriophage Sf6 Tailspike Protein. <i>Chemistry - A European Journal</i> , 2020, 26, 7263-7273.	3.3	9
3	<i>Cis</i> -to- <i>Trans</i> Isomerization of Azobenzene Derivatives Studied with Transition Path Sampling and Quantum Mechanical/Molecular Mechanical Molecular Dynamics. <i>Journal of Chemical Theory and Computation</i> , 2018, 14, 2042-2051.	5.3	33
4	A molecular dynamics model for glycosylphosphatidyl-inositol anchors: α -flop or α -lollipop?. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 29314-29324.	2.8	11
5	Solvent Networks Tune Thermodynamics of Oligosaccharide Complex Formation in an Extended Protein Binding Site. <i>Journal of the American Chemical Society</i> , 2018, 140, 10447-10455.	13.7	11
6	Complex carbohydrate recognition by proteins: Fundamental insights from bacteriophage cell adhesion systems. <i>Perspectives in Science</i> , 2017, 11, 45-52.	0.6	13
7	Bacteriophage Tailspikes and Bacterial O-Antigens as a Model System to Study Weak-Affinity Protein-Polysaccharide Interactions. <i>Journal of the American Chemical Society</i> , 2016, 138, 9109-9118.	13.7	17
8	Structure binding relationship of human surfactant protein D and various lipopolysaccharide inner core structures. <i>Journal of Structural Biology</i> , 2016, 195, 387-395.	2.8	16
9	Photoswitchable precision glycooligomers and their lectin binding. <i>Beilstein Journal of Organic Chemistry</i> , 2014, 10, 1603-1612.	2.2	25
10	New Insights into Lipid Monolayers from Coarse-Grained Simulation Techniques. <i>Biophysical Journal</i> , 2014, 107, 1038-1039.	0.5	0
11	Conformational Diversity of O-Antigen Polysaccharides of the Gram-Negative Bacterium <i>Shigella flexneri</i> Serotype Y. <i>Journal of Physical Chemistry B</i> , 2014, 118, 2523-2534.	2.6	18
12	Versatility of a Glycosylphosphatidylinositol Fragment in Forming Highly Ordered Polymorphs. <i>Langmuir</i> , 2014, 30, 5185-5192.	3.5	6
13	Leukocyte enrichment based on a modified pinched flow fractionation approach. <i>Microfluidics and Nanofluidics</i> , 2013, 14, 551-563.	2.2	28
14	Subgel Phase Structure in Monolayers of Glycosylphosphatidylinositol Glycolipids. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 12874-12878.	13.8	37
15	Mechanical Compressibility of the Glycosylphosphatidylinositol (GPI) Anchor Backbone Governed by Independent Glycosidic Linkages. <i>Journal of the American Chemical Society</i> , 2012, 134, 18964-18972.	13.7	39
16	Simulation of advanced microfluidic systems with dissipative particle dynamics. <i>Microfluidics and Nanofluidics</i> , 2009, 7, 307-323.	2.2	21
17	Dynamic capillary wetting studied with dissipative particle dynamics. <i>New Journal of Physics</i> , 2008, 10, 043009.	2.9	67