

Benjamin K Mueller

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

1,382
citations

1162367

8
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1281420

11
g-index

12
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12
docs citations

12
times ranked

4206
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling Immunity with Rosetta: Methods for Antibody and Antigen Design. <i>Biochemistry</i> , 2021, 60, 825-846.	1.2	24
2	Comparative modeling and docking of chemokine-receptor interactions with Rosetta. <i>Biochemical and Biophysical Research Communications</i> , 2020, 528, 389-397.	1.0	5
3	Potently neutralizing and protective human antibodies against SARS-CoV-2. <i>Nature</i> , 2020, 584, 443-449.	13.7	956
4	Modeling the complete chemokine-receptor interaction. <i>Methods in Cell Biology</i> , 2019, 149, 289-314.	0.5	7
5	Holistic Approach to Partial Covalent Interactions in Protein Structure Prediction and Design with Rosetta. <i>Journal of Chemical Information and Modeling</i> , 2018, 58, 1021-1036.	2.5	4
6	Expanding the toolkit for membrane protein modeling in Rosetta. <i>Bioinformatics</i> , 2017, 33, 754-756.	1.8	32
7	Combination of C π -H Hydrogen Bonds and van der Waals Packing Modulates the Stability of GxxxG-Mediated Dimers in Membranes. <i>Journal of the American Chemical Society</i> , 2017, 139, 15774-15783.	6.6	36
8	Protocols for Molecular Modeling with Rosetta3 and RosettaScripts. <i>Biochemistry</i> , 2016, 55, 4748-4763.	1.2	182
9	A frequent, GxxxG-mediated, transmembrane association motif is optimized for the formation of interhelical C π -H hydrogen bonds. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E888-95.	3.3	94
10	A Gly-Zipper Motif Mediates Homodimerization of the Transmembrane Domain of the Mitochondrial Kinase ADCK3. <i>Journal of the American Chemical Society</i> , 2014, 136, 14068-14077.	6.6	17
11	Structural informatics, modeling, and design with an open-source Molecular Software Library (MSL). <i>Journal of Computational Chemistry</i> , 2012, 33, 1645-1661.	1.5	23