Benjamin K Mueller

List of Publications by Year
in descending order

11 papers	1,382 citations	1162367 8 h-index	1281420 11 g-index
12 all docs	12 docs citations	12 times ranked	4206 citing authors

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