Mikolaj Feliks

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11085209/publications.pdf

Version: 2024-02-01

11 papers	401 citations	1306789 7 h-index	1281420 11 g-index
11 all docs	11 docs citations	11 times ranked	839 citing authors

#	Article	IF	Citations
1	Chromophore twisting in the excited state of a photoswitchable fluorescent protein captured by time-resolved serial femtosecond crystallography. Nature Chemistry, 2018, 10, 31-37.	6.6	152
2	Structural Basis for a Kolbe-Type Decarboxylation Catalyzed by a Glycyl Radical Enzyme. Journal of the American Chemical Society, 2011, 133, 14666-14674.	6.6	56
3	Photoswitching mechanism of a fluorescent protein revealed by time-resolved crystallography and transient absorption spectroscopy. Nature Communications, 2020, 11, 741.	5.8	56
4	Glycerol Dehydratation by the B₁₂-Independent Enzyme May Not Involve the Migration of a Hydroxyl Group: A Computational Study. Journal of Physical Chemistry B, 2012, 116, 7076-7087.	1.2	33
5	Catalytic Mechanism of the Glycyl Radical Enzyme 4-Hydroxyphenylacetate Decarboxylase from Continuum Electrostatic and QC/MM Calculations. Journal of the American Chemical Society, 2013, 135, 14574-14585.	6.6	31
6	On the control of the proton current in the voltage-gated proton channel Hv1. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 10321-10326.	3.3	28
7	Structural Determinants of Improved Fluorescence in a Family of Bacteriophytochrome-Based Infrared Fluorescent Proteins: Insights from Continuum Electrostatic Calculations and Molecular Dynamics Simulations. Biochemistry, 2016, 55, 4263-4274.	1.2	24
8	Norovirus RNAâ€dependent RNA polymerase: A computational study of metalâ€binding preferences. Proteins: Structure, Function and Bioinformatics, 2017, 85, 1435-1445.	1.5	10
9	Pcetk: A pDynamo-based Toolkit for Protonation State Calculations in Proteins. Journal of Chemical Information and Modeling, 2015, 55, 2288-2296.	2.5	6
10	Predicting substituent effects on activation energy changes by static catalytic fields. Journal of Molecular Modeling, 2018, 24, 28.	0.8	3
11	Catalytic Mechanism of Peptidoglycan Deacetylase: A Computational Study. Journal of Physical Chemistry B, 2017, 121, 89-99.	1.2	2