

Cecylia Lupala

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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1040056

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#	ARTICLE	IF	CITATIONS
1	Mutations on RBD of SARS-CoV-2 Omicron variant result in stronger binding to human ACE2 receptor. <i>Biochemical and Biophysical Research Communications</i> , 2022, 590, 34-41.	2.1	178
2	Flavonoid allosteric modulation of mutated visual rhodopsin associated with retinitis pigmentosa. <i>Scientific Reports</i> , 2017, 7, 11167.	3.3	28
3	Zinc Is Involved in Depression by Modulating G Protein-Coupled Receptor Heterodimerization. <i>Molecular Neurobiology</i> , 2016, 53, 2003-2015.	4.0	21
4	Using molecular dynamics for the refinement of atomistic models of GPCRs by homology modeling. <i>Journal of Biomolecular Structure and Dynamics</i> , 2018, 36, 2436-2448.	3.5	16
5	Improving thermostability of (R)-selective amine transaminase from <i>Aspergillus terreus</i> by evolutionary coupling saturation mutagenesis. <i>Biochemical Engineering Journal</i> , 2021, 167, 107926.	3.6	16
6	Computational simulations reveal the binding dynamics between human ACE2 and the receptor binding domain of SARS-CoV-2 spike protein. <i>Quantitative Biology</i> , 2021, 9, 61-72.	0.5	15
7	New insights into the stereochemical requirements of the bradykinin B2 receptor antagonists binding. <i>Journal of Computer-Aided Molecular Design</i> , 2016, 30, 85-101.	2.9	14
8	New insights into the stereochemical requirements of the bradykinin B1 receptor antagonists binding. <i>Journal of Molecular Graphics and Modelling</i> , 2016, 68, 184-196.	2.4	13
9	Designing Type II Topoisomerase Inhibitors: A Molecular Modeling Approach. <i>Current Topics in Medicinal Chemistry</i> , 2013, 14, 40-50.	2.1	10
10	A Community-Randomized Evaluation of the Effect of Intermittent Preventive Treatment in Infants on Antimalarial Drug Resistance in Southern Tanzania. <i>Journal of Infectious Diseases</i> , 2013, 207, 848-859.	4.0	8
11	Molecular Determinants of the Bacterial Resistance to Fluoroquinolones: A Computational Study. <i>Current Computer-Aided Drug Design</i> , 2013, 9, 281-288.	1.2	5