# Cecylia Lupala

List of Publications by Year
in descending order



| 11 | 334 | 1040056 9 | 1199594 12 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 14 | 14 | 14 | 396 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

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