

Sukrit Singh

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8097731/publications.pdf>

Version: 2024-02-01

15
papers

996
citations

759233

12
h-index

996975

15
g-index

23
all docs

23
docs citations

23
times ranked

1809
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | The SARS-CoV-2 nucleocapsid protein is dynamic, disordered, and phase separates with RNA. <i>Nature Communications</i> , 2021, 12, 1936. | 12.8 | 334 |
| 2 | SARS-CoV-2 simulations go exascale to predict dramatic spike opening and cryptic pockets across the proteome. <i>Nature Chemistry</i> , 2021, 13, 651-659. | 13.6 | 190 |
| 3 | SARS-CoV-2 Nsp16 activation mechanism and a cryptic pocket with pan-coronavirus antiviral potential. <i>Biophysical Journal</i> , 2021, 120, 2880-2889. | 0.5 | 52 |
| 4 | Quantifying Allosteric Communication via Both Concerted Structural Changes and Conformational Disorder with CARDS. <i>Journal of Chemical Theory and Computation</i> , 2017, 13, 1509-1517. | 5.3 | 46 |
| 5 | Defining NADH-Driven Allostery Regulating Apoptosis-Inducing Factor. <i>Structure</i> , 2016, 24, 2067-2079. | 3.3 | 39 |
| 6 | Simulation of spontaneous G protein activation reveals a new intermediate driving GDP unbinding. <i>ELife</i> , 2018, 7, . | 6.0 | 39 |
| 7 | Structural Conservation and Functional Diversity of the Poxvirus Immune Evasion (PIE) Domain Superfamily. <i>Viruses</i> , 2015, 7, 4873-4893. | 3.3 | 37 |
| 8 | The small molecule JIB-04 disrupts O ₂ binding in the Fe-dependent histone demethylase KDM4A/JMJD2A. <i>Chemical Communications</i> , 2017, 53, 2174-2177. | 4.1 | 23 |
| 9 | Lithium protects against glucocorticoid induced neural progenitor cell apoptosis in the developing cerebellum. <i>Brain Research</i> , 2014, 1545, 54-63. | 2.2 | 22 |
| 10 | A cryptic pocket in Ebola VP35 allosterically controls RNA binding. <i>Nature Communications</i> , 2022, 13, 2269. | 12.8 | 19 |
| 11 | Opening of a cryptic pocket in β -lactamase increases penicillinase activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, . | 7.1 | 17 |
| 12 | Antagonism between substitutions in β -lactamase explains a path not taken in the evolution of bacterial drug resistance. <i>Journal of Biological Chemistry</i> , 2020, 295, 7376-7390. | 3.4 | 14 |
| 13 | Design, synthesis, and biological evaluation of stable β -lactams: Discovery of non-hemolytic antibacterial peptides. <i>European Journal of Medicinal Chemistry</i> , 2018, 149, 193-210. | 5.5 | 9 |
| 14 | Mechanistic Basis for ATP-Dependent Inhibition of Glutamine Synthetase by Tabtoxinine- β -lactam. <i>Biochemistry</i> , 2018, 57, 117-135. | 2.5 | 8 |
| 15 | Dexmedetomidine protects against glucocorticoid induced progenitor cell apoptosis in neonatal mouse cerebellum. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2017, 30, 2156-2162. | 1.5 | 2 |