

Abhimanyu K Singh

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

255
citations

1162367

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25
all docs

25
docs citations

25
times ranked

540
citing authors

#	ARTICLE	IF	CITATIONS
1	Targeting a Subpocket in <i>Trypanosoma brucei</i> Phosphodiesterase B1 (TbrPDEB1) Enables the Structure-Based Discovery of Selective Inhibitors with Trypanocidal Activity. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 3870-3888.	2.9	34
2	Structure and Sialyllactose Binding of the Carboxy-Terminal Head Domain of the Fibre from a Siadenovirus, Turkey Adenovirus 3. <i>PLoS ONE</i> , 2015, 10, e0139339.	1.1	25
3	Anticancer Activities of Pterostilbene-Isothiocyanate Conjugate in Breast Cancer Cells: Involvement of PPAR β . <i>PLoS ONE</i> , 2014, 9, e104592.	1.1	23
4	Structure of a Reptilian Adenovirus Reveals a Phage Tailspike Fold Stabilizing a Vertebrate Virus Capsid. <i>Structure</i> , 2017, 25, 1562-1573.e5.	1.6	19
5	Some of the most interesting CASP11 targets through the eyes of their authors. <i>Proteins: Structure, Function and Bioinformatics</i> , 2016, 84, 34-50.	1.5	16
6	Crystal Structure of the Fibre Head Domain of the Atadenovirus Snake Adenovirus 1. <i>PLoS ONE</i> , 2014, 9, e114373.	1.1	16
7	Alkynamide phthalazinones as a new class of TbrPDEB1 inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 3998-4012.	1.4	13
8	Chlamydial virulence factor TarP mimics talin to disrupt the talin-vinculin complex. <i>FEBS Letters</i> , 2018, 592, 1751-1760.	1.3	11
9	Target highlights from the first post-PSI CASP experiment (CASP12, May-August 2016). <i>Proteins: Structure, Function and Bioinformatics</i> , 2018, 86, 27-50.	1.5	11
10	Alkynamide phthalazinones as a new class of TbrPDEB1 inhibitors (Part 2). <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 4013-4029.	1.4	11
11	Talin rod domain-containing protein 1 (TLNRD1) is a novel actin-bundling protein which promotes filopodia formation. <i>Journal of Cell Biology</i> , 2021, 220, .	2.3	9
12	Development of a Novel SPR Assay to Study CXCR4-Ligand Interactions. <i>Biosensors</i> , 2020, 10, 150.	2.3	8
13	Lead Optimization of Phthalazinone Phosphodiesterase Inhibitors as Novel Antitrypanosomal Compounds. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 3485-3507.	2.9	8
14	Structure and N-acetylglucosamine binding of the distal domain of mouse adenovirus 2 fibre. <i>Journal of General Virology</i> , 2018, 99, 1494-1508.	1.3	8
15	Insights into HIV-1 Reverse Transcriptase (RT) Inhibition and Drug Resistance from Thirty Years of Structural Studies. <i>Viruses</i> , 2022, 14, 1027.	1.5	8
16	Crystallization of the C-terminal head domain of the fibre protein from a siadenovirus, turkey adenovirus 3. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2013, 69, 1135-1139.	0.7	7
17	Crystal structure of the fibre head domain of bovine adenovirus 4, a ruminant atadenovirus. <i>Virology Journal</i> , 2015, 12, 81.	1.4	6
18	Sliding of HIV-1 reverse transcriptase over DNA creates a transient P pocket – targeting P-pocket by fragment screening. <i>Nature Communications</i> , 2021, 12, 7127.	5.8	6

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19	Crystallization of the C-terminal domain of the fibre protein from snake adenovirus 1, an atadenovirus. Acta Crystallographica Section F: Structural Biology Communications, 2013, 69, 1374-1379.	0.7	5
20	Crystallization of the carboxy-terminal region of the bacteriophage T4 proximal long tail fibre protein gp34. Acta Crystallographica Section F, Structural Biology Communications, 2014, 70, 970-975.	0.4	4
21	Exploring the dNTP -binding site of HIV-1 reverse transcriptase for inhibitor design. European Journal of Medicinal Chemistry, 2021, 225, 113785.	2.6	3
22	Peptic Ulcer Detection Using DNA Nanorobot Based on Fuzzy Logic Rules. Lecture Notes in Computer Science, 2009, , 287-294.	1.0	0