

# Abhimanyu K Singh

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

255  
citations

1163117

8  
h-index

1058476

14  
g-index

25  
all docs

25  
docs citations

25  
times ranked

540  
citing authors

#	ARTICLE	IF	CITATIONS
1	Insights into HIV-1 Reverse Transcriptase (RT) Inhibition and Drug Resistance from Thirty Years of Structural Studies. <i>Viruses</i> , 2022, 14, 1027.	3.3	8
2	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, .	5.2	9
3	Exploring the dNTP-binding site of HIV-1 reverse transcriptase for inhibitor design. <i>European Journal of Medicinal Chemistry</i> , 2021, 225, 113785.	5.5	3
4	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.	12.8	6
5	Development of a Novel SPR Assay to Study CXCR4-Ligand Interactions. <i>Biosensors</i> , 2020, 10, 150.	4.7	8
6	Lead Optimization of Phthalazinone Phosphodiesterase Inhibitors as Novel Antitrypanosomal Compounds. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 3485-3507.	6.4	8
7	Alkynamide phthalazinones as a new class of TbrPDEB1 inhibitors (Part 2). <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 4013-4029.	3.0	11
8	Alkynamide phthalazinones as a new class of TbrPDEB1 inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 3998-4012.	3.0	13
9	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.	6.4	34
10	Chlamydial virulence factor TarP mimics talin to disrupt the talin-vinculin complex. <i>FEBS Letters</i> , 2018, 592, 1751-1760.	2.8	11
11	Target highlights from the first post-CASP experiment (CASP12, May-August 2016). <i>Proteins: Structure, Function and Bioinformatics</i> , 2018, 86, 27-50.	2.6	11
12	Structure and N-acetylglucosamine binding of the distal domain of mouse adenovirus 2 fibre. <i>Journal of General Virology</i> , 2018, 99, 1494-1508.	2.9	8
13	Structure of a Reptilian Adenovirus Reveals a Phage Tailspike Fold Stabilizing a Vertebrate Virus Capsid. <i>Structure</i> , 2017, 25, 1562-1573.e5.	3.3	19
14	Some of the most interesting CASP11 targets through the eyes of their authors. <i>Proteins: Structure, Function and Bioinformatics</i> , 2016, 84, 34-50.	2.6	16
15	Crystal structure of the fibre head domain of bovine adenovirus 4, a ruminant adenovirus. <i>Virology Journal</i> , 2015, 12, 81.	3.4	6
16	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.	2.5	25
17	Crystallization of the carboxy-terminal region of the bacteriophage T4 proximal long tail fibre protein gp34. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2014, 70, 970-975.	0.8	4
18	Anticancer Activities of Pterostilbene-Isothiocyanate Conjugate in Breast Cancer Cells: Involvement of PPAR $\beta$ . <i>PLoS ONE</i> , 2014, 9, e104592.	2.5	23

#	ARTICLE	IF	CITATIONS
19	Crystal Structure of the Fibre Head Domain of the Atadenovirus Snake Adenovirus 1. PLoS ONE, 2014, 9, e114373.	2.5	16
20	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
21	Crystallization of the C-terminal head domain of the fibre protein from a siadenovirus, turkey adenovirus 3. Acta Crystallographica Section F: Structural Biology Communications, 2013, 69, 1135-1139.	0.7	7
22	Peptic Ulcer Detection Using DNA Nanorobot Based on Fuzzy Logic Rules. Lecture Notes in Computer Science, 2009, , 287-294.	1.3	0