

Ashish Arora

List of Publications by Year in descending order

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31
papers

246
citations

1040056

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31
docs citations

31
times ranked

389
citing authors

#	ARTICLE	IF	CITATIONS
1	Solution structure and dynamics of ADF from <i>Toxoplasma gondii</i> . <i>Journal of Structural Biology</i> , 2011, 176, 97-111.	2.8	28
2	Structural insights into the function of steroidogenic cytochrome P450 17A1. <i>Molecular and Cellular Endocrinology</i> , 2017, 441, 68-75.	3.2	27
3	Structural biology of <i>Mycobacterium tuberculosis</i> proteins: The Indian efforts. <i>Tuberculosis</i> , 2011, 91, 456-468.	1.9	22
4	Structural and binding studies of peptidyl-tRNA hydrolase from <i>Pseudomonas aeruginosa</i> provide a platform for the structure-based inhibitor design against peptidyl-tRNA hydrolase. <i>Biochemical Journal</i> , 2014, 463, 329-337.	3.7	17
5	Molecular interaction between human SUMO-1 and histone like DNA binding protein of <i>Helicobacter pylori</i> (Hup) investigated by NMR and other biophysical tools. <i>International Journal of Biological Macromolecules</i> , 2019, 123, 446-456.	7.5	16
6	NMR elucidation of monomer-dimer transition and conformational heterogeneity in histone-like DNA binding protein of <i>Helicobacter pylori</i> . <i>Magnetic Resonance in Chemistry</i> , 2018, 56, 285-299.	1.9	14
7	Purification, Characterization and in vitro Evaluation of Polymyxin A From <i>Paenibacillus dendritiformis</i> : An Underexplored Member of the Polymyxin Family. <i>Frontiers in Microbiology</i> , 2018, 9, 2864.	3.5	14
8	Recombinant Calponin of human filariid <i>Brugia malayi</i> : Secondary structure and immunoprophylactic potential. <i>Vaccine</i> , 2017, 35, 5201-5208.	3.8	12
9	Unraveling the stereochemical and dynamic aspects of the catalytic site of bacterial peptidyl-tRNA hydrolase. <i>Rna</i> , 2017, 23, 202-216.	3.5	11
10	Structural and functional characterization of the transcriptional regulator Rv3488 of <i>Mycobacterium tuberculosis</i> H37Rv. <i>Biochemical Journal</i> , 2018, 475, 3393-3416.	3.7	11
11	Solution structures and dynamics of ADF/cofilins UNC-60A and UNC-60B from <i>Caenorhabditis elegans</i> . <i>Biochemical Journal</i> , 2015, 465, 63-78.	3.7	10
12	Structural characterization of peptidyl-tRNA hydrolase from <i>Mycobacterium smegmatis</i> by NMR spectroscopy. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2016, 1864, 1304-1314.	2.3	9
13	Sweet Potato Peels and Cancer Prevention. <i>Nutrition and Cancer</i> , 2016, 68, 1330-1337.	2.0	9
14	Characterization of culture filtrate proteins Rv1197 and Rv1198 of ESAT-6 family from <i>Mycobacterium tuberculosis</i> H37Rv. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 396-408.	2.4	7
15	Biophysical and immunological characterization of the ESX-4 system ESAT-6 family proteins Rv3444c and Rv3445c from <i>Mycobacterium tuberculosis</i> H37Rv. <i>Tuberculosis</i> , 2018, 109, 85-96.	1.9	7
16	Structural and Biophysical Characterization of Rab5a from <i>Leishmania Donovanii</i> . <i>Biophysical Journal</i> , 2018, 115, 1217-1230.	0.5	5
17	Structure, dynamics, and biochemical characterization of ADF/cofilin Twinstar from <i>Drosophila melanogaster</i> . <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2018, 1866, 885-898.	2.3	5
18	Solution NMR Spectroscopy for the Determination of Structures of Membrane Proteins in a Lipid Environment. <i>Methods in Molecular Biology</i> , 2013, 974, 389-413.	0.9	4

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19	Molecular characterization of novel immunodominant molybdenum cofactor biosynthesis protein C1 (Rv3111) from <i>Mycobacterium tuberculosis</i> H37Rv. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2016, 1860, 694-707.	2.4	3
20	Solution structure and dynamics of glia maturation factor from <i>Caenorhabditis elegans</i> . <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2018, 1866, 1008-1020.	2.3	3
21	Rv3272 encodes a novel Family III CoA transferase that alters the cell wall lipid profile and protects mycobacteria from acidic and oxidative stress. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2019, 1867, 317-330.	2.3	3
22	Immunological characterization of chimeras of high specificity antigens from <i>Mycobacterium tuberculosis</i> H37Rv. <i>Tuberculosis</i> , 2021, 127, 102054.	1.9	3
23	Role of methionine 71 in substrate recognition and structural integrity of bacterial peptidyl-tRNA hydrolase. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2018, 1866, 865-874.	2.3	2
24	Investigation of HDAC8-ligandsâ€™ intermolecular forces through molecular dynamics simulations: profiling of non-bonding energies to design potential compounds as new anti-cancer agents. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020, 39, 1-26.	3.5	2
25	Solution NMR Spectroscopy for the Determination of Structures of Membrane Proteins in a Lipid Environment. <i>Methods in Molecular Biology</i> , 2019, 2003, 599-643.	0.9	1
26	Resonance assignments and secondary structure prediction of secretory protein Rv0603 from <i>Mycobacterium tuberculosis</i> H37Rv. <i>Biomolecular NMR Assignments</i> , 2020, 14, 217-219.	0.8	1
27	Lipid and Detergent Interactions with Membrane Proteins Derived from Solution Nuclear Magnetic Resonance. , 2006, , 119-137.		0
28	A New Lupane Triterpenoid from <i>Peganum Harmala</i> . <i>Natural Product Communications</i> , 2007, 2, 1934578X0700201.	0.5	0
29	NMR assignments of actin depolymerizing factor (ADF) like UNC-60A and cofilin like UNC-60B proteins of <i>Caenorhabditis elegans</i> . <i>Biomolecular NMR Assignments</i> , 2015, 9, 261-265.	0.8	0
30	Structural and functional characterization of peptidyl-tRNA hydrolase from <i>Klebsiella pneumoniae</i> . <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2021, 1869, 140554.	2.3	0
31	Crystal structure of the GDP-bound GTPase domain of Rab5a from <i>Leishmania donovani</i> . <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2020, 76, 544-556.	0.8	0