

Pravin Kumar Ankush Jagtap

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

21
papers

418
citations

10
h-index

20
g-index

22
ext. papers

553
ext. citations

10.4
avg, IF

3.16
L-index

#	Paper	IF	Citations
21	Molecular basis of mRNA transport by a kinesin-1-atypical tropomyosin complex. <i>Genes and Development</i> , 2021 , 35, 976-991	12.6	6
20	Divergent evolution toward sex chromosome-specific gene regulation in. <i>Genes and Development</i> , 2021 , 35, 1055-1070	12.6	1
19	Transcriptional regulation of the N -fructoselysine metabolism in Escherichia coli by global and substrate-specific cues. <i>Molecular Microbiology</i> , 2021 , 115, 175-190	4.1	3
18	Structure and dynamics of the quaternary hunchback mRNA translation repression complex. <i>Nucleic Acids Research</i> , 2021 , 49, 8866-8885	20.1	0
17	Identification of phenothiazine derivatives as UHM-binding inhibitors of early spliceosome assembly. <i>Nature Communications</i> , 2020 , 11, 5621	17.4	8
16	Integrative Structural Biology of Protein-RNA Complexes. <i>Structure</i> , 2020 , 28, 6-28	5.2	16
15	Pseudo-RNA-Binding Domains Mediate RNA Structure Specificity in Upstream of N-Ras. <i>Cell Reports</i> , 2020 , 32, 107930	10.6	10
14	Selective Inhibitors of FKBP51 Employ Conformational Selection of Dynamic Invisible States. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 9429-9433	16.4	7
13	Switching the Post-translational Modification of Translation Elongation Factor EF-P. <i>Frontiers in Microbiology</i> , 2019 , 10, 1148	5.7	10
12	Structure, dynamics and roX2-lncRNA binding of tandem double-stranded RNA binding domains dsRBD1,2 of Drosophila helicase Maleless. <i>Nucleic Acids Research</i> , 2019 , 47, 4319-4333	20.1	7
11	Mechanism of Mg-Accompanied Product Release in Sugar Nucleotidyltransferases. <i>Structure</i> , 2018 , 26, 459-466.e3	5.2	5
10	Segmental, Domain-Selective Perdeuteration and Small-Angle Neutron Scattering for Structural Analysis of Multi-Domain Proteins. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 9322-9325	16.4	39
9	Structural Basis for EarP-Mediated Arginine Glycosylation of Translation Elongation Factor EF-P. <i>MBio</i> , 2017 , 8,	7.8	15
8	Segmental, Domain-Selective Perdeuteration and Small-Angle Neutron Scattering for Structural Analysis of Multi-Domain Proteins. <i>Angewandte Chemie</i> , 2017 , 129, 9450-9453	3.6	0
7	Rational Design of Cyclic Peptide Inhibitors of U2AF Homology Motif (UHM) Domains To Modulate Pre-mRNA Splicing. <i>Journal of Medicinal Chemistry</i> , 2016 , 59, 10190-10197	8.3	18
6	Structural model of the dimeric Parkinson's protein LRRK2 reveals a compact architecture involving distant interdomain contacts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E4357-66	11.5	100
5	Leucine-rich repeat kinase 2 binds to neuronal vesicles through protein interactions mediated by its C-terminal WD40 domain. <i>Molecular and Cellular Biology</i> , 2014 , 34, 2147-61	4.8	72

4	Structure, dynamics and RNA binding of the multi-domain splicing factor TIA-1. <i>Nucleic Acids Research</i> , 2014 , 42, 5949-66	20.1	57
3	Crystal structures identify an atypical two-metal-ion mechanism for uridyltransfer in GlmU: its significance to sugar nucleotidyl transferases. <i>Journal of Molecular Biology</i> , 2013 , 425, 1745-59	6.5	23
2	Substrate-bound crystal structures reveal features unique to Mycobacterium tuberculosis N-acetyl-glucosamine 1-phosphate uridyltransferase and a catalytic mechanism for acetyl transfer. <i>Journal of Biological Chemistry</i> , 2012 , 287, 39524-37	5.4	19
1	Transcriptional regulation of the NEfructoselysine metabolism in Escherichia coli by global and substrate-specific cues		1