

# Pravin Kumar Ankush Jagtap

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

641  
citations

687363

13  
h-index

713466

21  
g-index

22  
all docs

22  
docs citations

22  
times ranked

1056  
citing authors

#	ARTICLE	IF	CITATIONS
1	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-E4366.	7.1	130
2	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, 2147-2161.	2.3	91
3	Structure, dynamics and RNA binding of the multi-domain splicing factor TIA-1. <i>Nucleic Acids Research</i> , 2014, 42, 5949-5966.	14.5	77
4	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.	13.8	52
5	Integrative Structural Biology of Protein-RNA Complexes. <i>Structure</i> , 2020, 28, 6-28.	3.3	33
6	Molecular basis of mRNA transport by a kinesin-1 atypical tropomyosin complex. <i>Genes and Development</i> , 2021, 35, 976-991.	5.9	29
7	Crystal Structures Identify an Atypical Two-Metal-Ion Mechanism for Uridyltransfer in GlnU: Its Significance to Sugar Nucleotidyl Transferases. <i>Journal of Molecular Biology</i> , 2013, 425, 1745-1759.	4.2	28
8	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, 39524-39537.	3.4	24
9	Structural Basis for EarP-Mediated Arginine Glycosylation of Translation Elongation Factor EF-P. <i>MBio</i> , 2017, 8, .	4.1	24
10	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.	6.4	20
11	Identification of phenothiazine derivatives as UHM-binding inhibitors of early spliceosome assembly. <i>Nature Communications</i> , 2020, 11, 5621.	12.8	20
12	Selective Inhibitors of FKBP51 Employ Conformational Selection of Dynamic Invisible States. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 9429-9433.	13.8	18
13	Pseudo-RNA-Binding Domains Mediate RNA Structure Specificity in Upstream of N-Ras. <i>Cell Reports</i> , 2020, 32, 107930.	6.4	18
14	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.	14.5	17
15	Switching the Post-translational Modification of Translation Elongation Factor EF-P. <i>Frontiers in Microbiology</i> , 2019, 10, 1148.	3.5	16
16	Divergent evolution toward sex chromosome-specific gene regulation in <i>Drosophila</i> . <i>Genes and Development</i> , 2021, 35, 1055-1070.	5.9	12
17	Mechanism of Mg <sup>2+</sup> -Accompanied Product Release in Sugar Nucleotidyltransferases. <i>Structure</i> , 2018, 26, 459-466.e3.	3.3	10
18	Transcriptional regulation of the <i>N</i> -fructoselysine metabolism in <i>Escherichia coli</i> by global and substrate-specific cues. <i>Molecular Microbiology</i> , 2021, 115, 175-190.	2.5	10

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19	Segmental, Domain-Selective perdeuteration and Small-Angle Neutron Scattering for Structural Analysis of Multi-Domain Proteins. <i>Angewandte Chemie</i> , 2017, 129, 9450-9453.	2.0	4
20	Structure and dynamics of the quaternary <i>hunchback</i> mRNA translation repression complex. <i>Nucleic Acids Research</i> , 2021, 49, 8866-8885.	14.5	4