

# Deepti Jain

## List of Publications by Year in descending order

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29  
papers

679  
citations

567281

15  
h-index

580821

25  
g-index

29  
all docs

29  
docs citations

29  
times ranked

870  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure of a Ternary Transcription Activation Complex. <i>Molecular Cell</i> , 2004, 13, 45-53.	9.7	80
2	Allosteric control of transcription in <scp>G</scp>nt<scp>R</scp> family of transcription regulators: A structural overview. <i>IUBMB Life</i> , 2015, 67, 556-563.	3.4	75
3	Structural and Functional Consequences of Peptide-Carbohydrate Mimicry. <i>Journal of Biological Chemistry</i> , 2000, 275, 16098-16102.	3.4	55
4	Crystal Structure of Bacteriophage $\phi$ cll and Its DNA Complex. <i>Molecular Cell</i> , 2005, 19, 259-269.	9.7	39
5	Functional Equality in the Absence of Structural Similarity. <i>Journal of Biological Chemistry</i> , 2001, 276, 39277-39281.	3.4	38
6	Plasticity in structure and interactions is critical for the action of indolicidin, an antibacterial peptide of innate immune origin. <i>Protein Science</i> , 2009, 11, 2158-2167.	7.6	33
7	A novel method for the production of <i>in vivo</i>-assembled, recombinant <i>Escherichia coli</i> RNA polymerase lacking the $\pm$ C-terminal domain. <i>Protein Science</i> , 2011, 20, 986-995.	7.6	32
8	Antibody specificity and promiscuity. <i>Biochemical Journal</i> , 2019, 476, 433-447.	3.7	31
9	Structural Basis of Functional Mimicry between Carbohydrate and Peptide Ligands of Con A. <i>Biochemical and Biophysical Research Communications</i> , 2000, 272, 843-849.	2.1	30
10	The C-Terminal Domain of the MutL Homolog from <i>Neisseria gonorrhoeae</i> Forms an Inverted Homodimer. <i>PLoS ONE</i> , 2010, 5, e13726.	2.5	29
11	Structure of the Induced Antibacterial Protein from Tasar Silkworm, <i>Antheraea mylitta</i> . <i>Journal of Biological Chemistry</i> , 2001, 276, 41377-41382.	3.4	25
12	Plasticity in Protein-Peptide Recognition: Crystal Structures of Two Different Peptides Bound to Concanavalin A. <i>Biophysical Journal</i> , 2001, 80, 2912-2921.	0.5	21
13	Effector mining from the <i>Erysiphe pisi</i> haustorial transcriptome identifies novel candidates involved in pea powdery mildew pathogenesis. <i>Molecular Plant Pathology</i> , 2019, 20, 1506-1522.	4.2	21
14	Molecular and structural facets of c-di-GMP signalling associated with biofilm formation in <i>Pseudomonas aeruginosa</i> . <i>Molecular Aspects of Medicine</i> , 2021, 81, 101001.	6.4	21
15	The antiactivator FleN uses an allosteric mechanism to regulate $\sigma^{54}$ -dependent expression of flagellar genes in <i>Pseudomonas aeruginosa</i>. <i>Science Advances</i> , 2021, 7, eabj1792.	10.3	18
16	Immunological implications of structural mimicry between a dodecapeptide and a carbohydrate moiety. <i>Vaccine</i> , 2001, 19, 3124-3130.	3.8	17
17	Active site geometry of oxalate decarboxylase from <i>Flammulina velutipes</i> : Role of histidine-coordinated manganese in substrate recognition. <i>Protein Science</i> , 2009, 11, 2138-2147.	7.6	17
18	Sensor I Regulated ATPase Activity of FleQ Is Essential for Motility to Biofilm Transition in <i>Pseudomonas aeruginosa</i>. <i>ACS Chemical Biology</i> , 2019, 14, 1515-1527.	3.4	15

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19	Spacing between core recognition motifs determines relative orientation of AraR monomers on bipartite operators. <i>Nucleic Acids Research</i> , 2013, 41, 639-647.	14.5	14
20	ATP-Induced Structural Remodeling in the Antiactivator FleN Enables Formation of the Functional Dimeric Form. <i>Structure</i> , 2017, 25, 243-252.	3.3	14
21	Ancestral Variations of the PCDHG Gene Cluster Predispose to Dyslexia in a Multiplex Family. <i>EBioMedicine</i> , 2018, 28, 168-179.	6.1	12
22	Enhanced Binding of a Rationally Designed Peptide Ligand of Concanavalin A Arises from Improved Geometrical Complementarity. <i>Biochemistry</i> , 2001, 40, 12059-12066.	2.5	11
23	The <i>Medicago truncatula</i> Sugar Transport Protein 13 and Its Lr67res-Like Variant Confer Powdery Mildew Resistance in Legumes via Defense Modulation. <i>Plant and Cell Physiology</i> , 2021, 62, 650-667.	3.1	11
24	Tetramerization at Low pH Licenses DNA Methylation Activity of M.HpyAXI in the Presence of Acid Stress. <i>Journal of Molecular Biology</i> , 2020, 432, 324-342.	4.2	7
25	Computational Tools in Protein Crystallography. <i>Methods in Molecular Biology</i> , 2010, 673, 129-156.	0.9	6
26	Cloning, expression, purification, crystallization and initial crystallographic analysis of FleN from <i>Pseudomonas aeruginosa</i> . <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2016, 72, 135-138.	0.8	5
27	Plasticity in Repressor-DNA Interactions Neutralizes Loss of Symmetry in Bipartite Operators. <i>Journal of Biological Chemistry</i> , 2016, 291, 1235-1242.	3.4	2
28	Transcriptional Fidelity of Mitochondrial RNA Polymerase RpoTm from <i>Arabidopsis thaliana</i> . <i>Journal of Molecular Biology</i> , 2019, 431, 4767-4783.	4.2	0
29	Draft Genome Sequence of a Poly- $\gamma$ -Glutamic Acid-Producing Isolate, <i>Bacillus paralicheniformis</i> Strain bcasdu2018/01. <i>Microbiology Resource Announcements</i> , 2021, 10, e0101321.	0.6	0