

Sivaraman Padavattan

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

631
citations

840728

11
h-index

839512

18
g-index

18
all docs

18
docs citations

18
times ranked

980
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>In silico</i> screening of small molecule modulators and their binding studies against human sirtuin-6 protein. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 10033-10044.	3.5	1
2	Engineering nucleosomes for generating diverse chromatin assemblies. <i>Nucleic Acids Research</i> , 2021, 49, e52.	14.5	3
3	Crystal structure of enoyl-CoA hydratase from <i>Thermus thermophilus</i> HB8. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2021, 77, 148-155.	0.8	2
4	Molecular insights into α -synuclein interaction with individual human core histones, linker histone, and dsDNA. <i>Protein Science</i> , 2021, 30, 2121-2131.	7.6	11
5	Biochemical insight into pseudouridine synthase 7 (PUS7) as a novel interactor of sirtuin, SIRT1. <i>Biochemical and Biophysical Research Communications</i> , 2019, 518, 598-604.	2.1	2
6	PARP1 exhibits enhanced association and catalytic efficiency with H2A.X -nucleosome. <i>Nature Communications</i> , 2019, 10, 5751.	12.8	25
7	Structural analyses of the nucleosome complexes with human testis-specific histone variants, hTh2a and hTh2b. <i>Biophysical Chemistry</i> , 2017, 221, 41-48.	2.8	12
8	Nucleosome acidic patch-targeting binuclear ruthenium compounds induce aberrant chromatin condensation. <i>Nature Communications</i> , 2017, 8, 1575.	12.8	41
9	Structural and functional analyses of nucleosome complexes with mouse histone variants TH2a and TH2b, involved in reprogramming. <i>Biochemical and Biophysical Research Communications</i> , 2015, 464, 929-935.	2.1	31
10	Revelation of endogenously bound Fe^{2+} ions in the crystal structure of ferritin from <i>Escherichia coli</i> . <i>Biochemical and Biophysical Research Communications</i> , 2014, 453, 636-641.	2.1	3
11	Crystal structure of the single-stranded RNA binding protein HutP from <i>Geobacillus thermodenitrificans</i> . <i>Biochemical and Biophysical Research Communications</i> , 2014, 446, 945-951.	2.1	1
12	Histone Variants Enriched in Oocytes Enhance Reprogramming to Induced Pluripotent Stem Cells. <i>Cell Stem Cell</i> , 2014, 14, 217-227.	11.1	130
13	Crystal Structure of Archaeal Chromatin Protein Alba2-Double-stranded DNA Complex from <i>Aeropyrum pernix</i> K1. <i>Journal of Biological Chemistry</i> , 2012, 287, 10394-10402.	3.4	28
14	High-Affinity IgE Recognition of a Conformational Epitope of the Major Respiratory Allergen Phl p 2 As Revealed by X-Ray Crystallography. <i>Journal of Immunology</i> , 2009, 182, 2141-2151.	0.8	104
15	Crystal Structures of YkuL and Its Complex with Second Messenger Cyclic Di-GMP Suggest Catalytic Mechanism of Phosphodiester Bond Cleavage by EAL Domains. <i>Journal of Biological Chemistry</i> , 2009, 284, 13174-13184.	3.4	96
16	Structure of the major carrot allergen Dau 1. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2009, 65, 1206-1212.	2.5	25
17	Crystal Structure of the Major Allergen from Fire Ant Venom, Sol i 3. <i>Journal of Molecular Biology</i> , 2008, 383, 178-185.	4.2	41
18	Identification of a B-cell Epitope of Hyaluronidase, a Major Bee Venom Allergen, from its Crystal Structure in Complex with a Specific Fab. <i>Journal of Molecular Biology</i> , 2007, 368, 742-752.	4.2	75