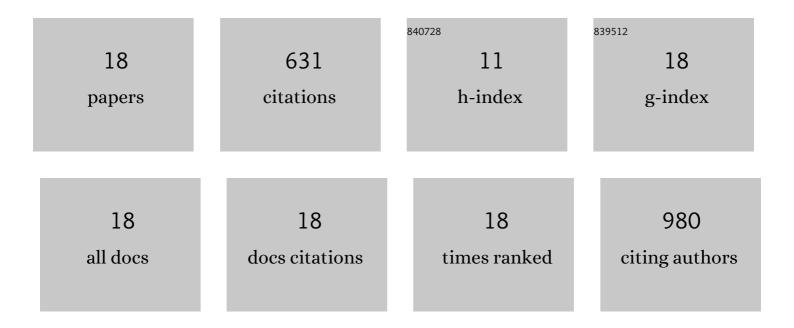
Sivaraman Padavattan

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3224950/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	<i>In silico</i> screening of small molecule modulators and their binding studies against human sirtuin-6 protein. Journal of Biomolecular Structure and Dynamics, 2022, 40, 10033-10044.	3.5	1
2	Engineering nucleosomes for generating diverse chromatin assemblies. Nucleic Acids Research, 2021, 49, e52.	14.5	3
3	Crystal structure of enoyl-CoA hydratase from <i>Thermus thermophilus</i> HB8. Acta Crystallographica Section F, Structural Biology Communications, 2021, 77, 148-155.	0.8	2
4	Molecular insights into <scp>αâ€synuclein</scp> interaction with individual human core histones, linker histone, and <scp>dsDNA</scp> . Protein Science, 2021, 30, 2121-2131.	7.6	11
5	Biochemical insight into pseudouridine synthase 7 (PUS7) as a novel interactor of sirtuin, SIRT1. Biochemical and Biophysical Research Communications, 2019, 518, 598-604.	2.1	2
6	PARP1 exhibits enhanced association and catalytic efficiency with \hat{I}^3 H2A.X-nucleosome. Nature Communications, 2019, 10, 5751.	12.8	25
7	Structural analyses of the nucleosome complexes with human testis-specific histone variants, hTh2a and hTh2b. Biophysical Chemistry, 2017, 221, 41-48.	2.8	12
8	Nucleosome acidic patch-targeting binuclear ruthenium compounds induce aberrant chromatin condensation. Nature Communications, 2017, 8, 1575.	12.8	41
9	Structural and functional analyses of nucleosome complexes with mouse histone variants TH2a and TH2b, involved in reprogramming. Biochemical and Biophysical Research Communications, 2015, 464, 929-935.	2.1	31
10	Revelation of endogenously bound Fe2+ ions in the crystal structure of ferritin from Escherichia coli. Biochemical and Biophysical Research Communications, 2014, 453, 636-641.	2.1	3
11	Crystal structure of the single-stranded RNA binding protein HutP from Geobacillus thermodenitrificans. Biochemical and Biophysical Research Communications, 2014, 446, 945-951.	2.1	1
12	Histone Variants Enriched in Oocytes Enhance Reprogramming to Induced Pluripotent Stem Cells. Cell Stem Cell, 2014, 14, 217-227.	11.1	130
13	Crystal Structure of Archaeal Chromatin Protein Alba2-Double-stranded DNA Complex from Aeropyrum pernix K1. Journal of Biological Chemistry, 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. Journal of Immunology, 2009, 182, 2141-2151.	0.8	104
15	Crystal Structures of YkuI and Its Complex with Second Messenger Cyclic Di-GMP Suggest Catalytic Mechanism of Phosphodiester Bond Cleavage by EAL Domains. Journal of Biological Chemistry, 2009, 284, 13174-13184.	3.4	96
16	Structure of the major carrot allergen Dauâ€câ€1. Acta Crystallographica Section D: Biological Crystallography, 2009, 65, 1206-1212.	2.5	25
17	Crystal Structure of the Major Allergen from Fire Ant Venom, Sol i 3. Journal of Molecular Biology, 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. Journal of Molecular Biology, 2007, 368, 742-752.	4.2	75