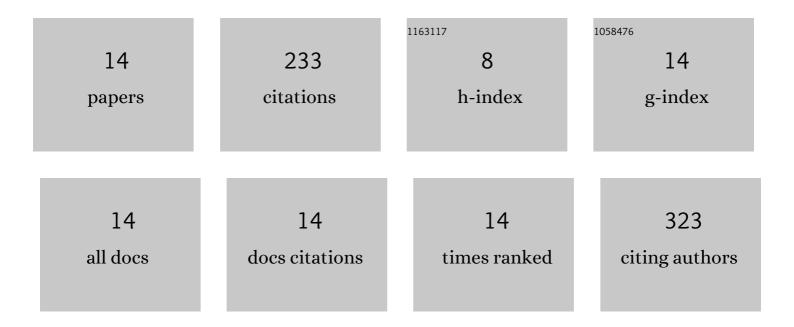
Srinivasan Muniyappan

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Direct Observation of Cooperative Protein Structural Dynamics of Homodimeric Hemoglobin from 100 ps to 10 ms with Pump–Probe X-ray Solution Scattering. Journal of the American Chemical Society, 2012, 134, 7001-7008.	13.7	82
2	Ultrafast coherent motion and helix rearrangement of homodimeric hemoglobin visualized with femtosecond X-ray solution scattering. Nature Communications, 2021, 12, 3677.	12.8	25
3	Deubiquitination Reactions on the Proteasome for Proteasome Versatility. International Journal of Molecular Sciences, 2020, 21, 5312.	4.1	24
4	Cooperative protein structural dynamics of homodimeric hemoglobin linked to water cluster at subunit interface revealed by time-resolved X-ray solution scattering. Structural Dynamics, 2016, 3, 023610.	2.3	22
5	SVD-aided pseudo principal-component analysis: A new method to speed up and improve determination of the optimum kinetic model from time-resolved data. Structural Dynamics, 2017, 4, 044013.	2.3	19
6	Effect of the abolition of intersubunit salt bridges on allosteric protein structural dynamics. Chemical Science, 2021, 12, 8207-8217.	7.4	13
7	Small-Molecule Inhibitors Targeting Proteasome-Associated Deubiquitinases. International Journal of Molecular Sciences, 2021, 22, 6213.	4.1	12
8	Protein Conformational Dynamics of Homodimeric Hemoglobin Revealed by Combined Timeâ€Resolved Spectroscopic Probes. ChemPhysChem, 2010, 11, 109-114.	2.1	9
9	Protein Structural Dynamics of Wild-Type and Mutant Homodimeric Hemoglobin Studied by Time-Resolved X-Ray Solution Scattering. International Journal of Molecular Sciences, 2018, 19, 3633.	4.1	7
10	170 NMR Spectroscopy: A Novel Probe for Characterizing Protein Structure and Folding. Biology, 2021, 10, 453.	2.8	6
11	Effect of Occluded Ligand Migration on the Kinetics and Structural Dynamics of Homodimeric Hemoglobin. Journal of Physical Chemistry B, 2020, 124, 1550-1556.	2.6	5
12	Uncovering the Conformational Distribution of a Small Protein with Nanoparticle-Aided Cryo-Electron Microscopy Sampling. Journal of Physical Chemistry Letters, 2021, 12, 6565-6573.	4.6	4
13	In vitro analysis of proteasome-associated USP14 activity for substrate degradation and deubiquitylation. Methods in Enzymology, 2019, 619, 249-268.	1.0	3
14	Aggregation-Prone Structural Ensembles of Transthyretin Collected With Regression Analysis for NMR Chemical Shift. Frontiers in Molecular Biosciences, 2021, 8, 766830.	3.5	2