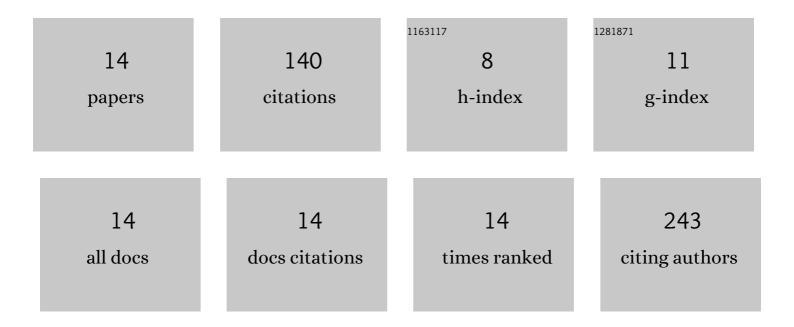
Rudra N Purusottam

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Histone H4 Tails in Nucleosomes: a Fuzzy Interaction with DNA. Angewandte Chemie - International Edition, 2021, 60, 6480-6487.	13.8	24
2	Quantitative one- and two-dimensional 13C spectra of microcrystalline proteins with enhanced intensity. Journal of Biomolecular NMR, 2013, 57, 11-19.	2.8	18
3	Probing the gel to liquid-crystalline phase transition and relevant conformation changes in liposomes by 13C magic-angle spinning NMR spectroscopy. Biochimica Et Biophysica Acta - Biomembranes, 2015, 1848, 3134-3139.	2.6	17
4	Metabonomic Study of Host–Phage Interaction by Nuclear Magnetic Resonance- and Statistical Total Correlation Spectroscopy-Based Analysis. Analytical Chemistry, 2012, 84, 4063-4070.	6.5	13
5	Conformational Dynamics of Histone H3 Tails in Chromatin. Journal of Physical Chemistry Letters, 2021, 12, 6174-6181.	4.6	13
6	Determination of sample temperature in unstable static fields by combining solid-state 79Br and 13C NMR. Journal of Magnetic Resonance, 2014, 246, 69-71.	2.1	10
7	Effects of inherent rf field inhomogeneity on heteronuclear decoupling in solid-state NMR. Chemical Physics Letters, 2015, 635, 157-162.	2.6	10
8	Mechanistic Insights into Water–Protein Interactions of Filamentous Bacteriophage. Journal of Physical Chemistry B, 2013, 117, 2837-2840.	2.6	8
9	Sensitivity improvement during heteronuclear spin decoupling in solid-state nuclear magnetic resonance experiments at high spinning frequencies and moderate radio-frequency amplitudes. Chemical Physics Letters, 2014, 614, 220-225.	2.6	8
10	Molecular Level Understanding of Biological Systems with High Motional Heterogeneity in Its Absolute Native State. Journal of Physical Chemistry C, 2016, 120, 21871-21878.	3.1	7
11	Structural Studies of TSPO, a Mitochondrial Membrane Protein. , 2014, , 393-421.		6
12	Chirp pulse sequences for broadband ï€ rotation. Journal of Magnetic Resonance, 2021, 328, 107002.	2.1	3
13	Site-specific dynamics of methyl groups probed by temporal evolution of heteronuclear 13C{1H} Overhauser polarisation encoded in 13C – 13C solid-state NMR correlation experiments. Chemical Physics Letters, 2020, 754, 137628.	2.6	2
14	Histone H4 Tails in Nucleosomes: a Fuzzy Interaction with DNA. Angewandte Chemie, 2021, 133, 6554-6561.	2.0	1