

Rudra N Purusottam

List of Publications by Year in descending order

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243
citing authors

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