

Adam N Smith

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

415
citations

759233

12
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

612
citing authors

#	ARTICLE	IF	CITATIONS
1	A Method for Dynamic Nuclear Polarization Enhancement of Membrane Proteins. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 1542-1546.	13.8	70
2	Dynamic Nuclear Polarization as an Enabling Technology for Solid State Nuclear Magnetic Resonance Spectroscopy. <i>Analytical Chemistry</i> , 2016, 88, 122-132.	6.5	55
3	A quasi-optical and corrugated waveguide microwave transmission system for simultaneous dynamic nuclear polarization NMR on two separate 14.1 T spectrometers. <i>Journal of Magnetic Resonance</i> , 2018, 289, 35-44.	2.1	49
4	Adeno-Associated Virus (AAV) Capsid Stability and Liposome Remodeling During Endo/Lysosomal pH Trafficking. <i>Viruses</i> , 2020, 12, 668.	3.3	32
5	Elucidating a Relationship between Conformational Sampling and Drug Resistance in HIV-1 Protease. <i>Biochemistry</i> , 2013, 52, 3278-3288.	2.5	30
6	Chemical Composition of Soil Organic Matter in a Subarctic Peatland: Influence of Shifting Vegetation Communities. <i>Soil Science Society of America Journal</i> , 2017, 81, 41-49.	2.2	28
7	Natural Isotopic Abundance ^{13}C and ^{15}N Multidimensional Solid-State NMR Enabled by Dynamic Nuclear Polarization. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 4652-4662.	4.6	26
8	Molecular Rationale for Improved Dynamic Nuclear Polarization of Biomembranes. <i>Journal of Physical Chemistry B</i> , 2016, 120, 7880-7888.	2.6	22
9	Specific binding of a naturally occurring amyloidogenic fragment of <i>Streptococcus mutans</i> adhesin P1 to intact P1 on the cell surface characterized by solid state NMR spectroscopy. <i>Journal of Biomolecular NMR</i> , 2016, 64, 153-164.	2.8	22
10	Structural Fingerprinting of Protein Aggregates by Dynamic Nuclear Polarization-Enhanced Solid-State NMR at Natural Isotopic Abundance. <i>Journal of the American Chemical Society</i> , 2018, 140, 14576-14580.	13.7	22
11	Expedient dynamic nuclear polarization without glassing agents. <i>NMR in Biomedicine</i> , 2016, 29, 226-231.	2.8	19
12	Organic Matter Chemistry Drives Carbon Dioxide Production of Peatlands. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL093392.	4.0	11
13	Effects of PRE and POST therapy drug-resistant mutations on HIV-1 protease conformational sampling. <i>FEBS Letters</i> , 2014, 588, 3123-3128.	2.8	10
14	Delineation of the dynamic properties of individual lipid species in native and synthetic pulmonary surfactants. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2015, 1848, 203-210.	2.6	5