

Pieter E S Smith

List of Publications by Year in descending order

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14
papers

669
citations

933447

10
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

1246
citing authors

#	ARTICLE	IF	CITATIONS
1	Determining the Effects of Lipophilic Drugs on Membrane Structure by Solid-State NMR Spectroscopy: The Case of the Antioxidant Curcumin. <i>Journal of the American Chemical Society</i> , 2009, 131, 4490-4498.	13.7	245
2	Induction of Negative Curvature as a Mechanism of Cell Toxicity by Amyloidogenic Peptides: The Case of Islet Amyloid Polypeptide. <i>Journal of the American Chemical Society</i> , 2009, 131, 4470-4478.	13.7	130
3	Solid-State NMR Reveals the Hydrophobic-Core Location of Poly(amidoamine) Dendrimers in Biomembranes. <i>Journal of the American Chemical Society</i> , 2010, 132, 8087-8097.	13.7	95
4	Structure and Dynamics of the Huntingtin Exon-1 N-Terminus: A Solution NMR Perspective. <i>Journal of the American Chemical Society</i> , 2017, 139, 1168-1176.	13.7	56
5	Ultrafast NMR Relaxation Measurements: Probing Molecular Properties in Real Time. <i>ChemPhysChem</i> , 2013, 14, 3138-3145.	2.1	40
6	Proton-Evolved Local-Field Solid-State NMR Studies of Cytochrome <i>b₅</i> Embedded in Bicelles, Revealing both Structural and Dynamical Information. <i>Journal of the American Chemical Society</i> , 2010, 132, 5779-5788.	13.7	35
7	Shift-driven modulations of spin-echo signals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 5958-5961.	7.1	18
8	Reducing acquisition times in multidimensional NMR with a time-optimized Fourier encoding algorithm. <i>Journal of Chemical Physics</i> , 2014, 141, 194201.	3.0	17
9	A Proton Spin Diffusion Based Solid-State NMR Approach for Structural Studies on Aligned Samples. <i>Journal of Physical Chemistry B</i> , 2011, 115, 4863-4871.	2.6	10
10	High-resolution heteronuclear multi-dimensional NMR spectroscopy in magnetic fields with unknown spatial variations. <i>Journal of Magnetic Resonance</i> , 2014, 242, 49-56.	2.1	10
11	Both Ligands and Macromolecular Crowders Preferentially Bind to Closed Conformations of Maltose Binding Protein. <i>Biochemistry</i> , 2019, 58, 2208-2217.	2.5	7
12	A fast approach to 3D HSQC-based spectroscopy based on a Fourier phase encoding of pre-targeted resonances. <i>Journal of Magnetic Resonance</i> , 2017, 274, 95-102.	2.1	3
13	Single-Scan High-Resolution 2-D J -Resolved Spectroscopy in Inhomogeneous Magnetic Fields. <i>IEEE Transactions on Biomedical Engineering</i> , 2018, 65, 440-448.	4.2	2
14	Establishing resolution-improved NMR spectroscopy in high magnetic fields with unknown spatiotemporal variations. <i>Journal of Chemical Physics</i> , 2015, 143, 244201.	3.0	1