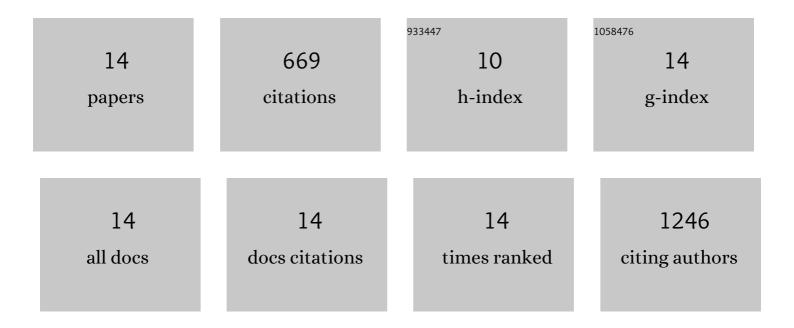
## Pieter E S Smith

List of Publications by Year in descending order

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