

# Alexander A MalÃ¸r

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Protein NMR Spectroscopy at 150â€¦kHz Magicâ€Angle Spinning Continues To Improve Resolution and Mass Sensitivity. <i>ChemBioChem</i> , 2020, 21, 2540-2548.	2.6	72
2	Biomolecular solid-state NMR spectroscopy at 1200ÂMHz: the gain in resolution. <i>Journal of Biomolecular NMR</i> , 2021, 75, 255-272.	2.8	41
3	100 kHz MAS Proton-Detected NMR Spectroscopy of Hepatitis B Virus Capsids. <i>Frontiers in Molecular Biosciences</i> , 2019, 6, 58.	3.5	38
4	Quantifying proton NMR coherent linewidth in proteins under fast MAS conditions: a second moment approach. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 18850-18865.	2.8	33
5	Dimer Organization of Membraneâ€Associated NS5A of Hepatitisâ€C Virus as Determined by Highly Sensitive <sup>1</sup> Hâ€Detected Solidâ€State NMR. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 5339-5347.	13.8	25
6	Nucleotide Binding Modes in a Motor Protein Revealed by <sup>31</sup> Pâ€and <sup>1</sup> Hâ€Detected MAS Solidâ€State NMR Spectroscopy. <i>ChemBioChem</i> , 2020, 21, 324-330.	2.6	20
7	Residual dipolar line width in magic-angle spinning proton solid-state NMR. <i>Magnetic Resonance</i> , 2021, 2, 499-509.	1.9	15
8	Protein Side-Chainâ€DNA Contacts Probed by Fast Magic-Angle Spinning NMR. <i>Journal of Physical Chemistry B</i> , 2020, 124, 11089-11097.	2.6	13
9	Temperature-Dependent Solid-State NMR Proton Chemical-Shift Values and Hydrogen Bonding. <i>Journal of Physical Chemistry B</i> , 2021, 125, 6222-6230.	2.6	13
10	Spectroscopic glimpses of the transition state of ATP hydrolysis trapped in a bacterial DnaB helicase. <i>Nature Communications</i> , 2021, 12, 5293.	12.8	13
11	Asparagine and Glutamine Side-Chains and Ladders in HET-s(218â€289) Amyloid Fibrils Studied by Fast Magic-Angle Spinning NMR. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 582033.	3.5	12
12	Characterization of H <sub>2</sub> â€Splitting Products of Frustrated Lewis Pairs: Benefit of Fast Magicâ€Angle Spinning. <i>ChemPhysChem</i> , 2019, 20, 672-679.	2.1	9
13	Experimental Characterization of the Hepatitis B Virus Capsid Dynamics by Solid-State NMR. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 807577.	3.5	9
14	Proton-phosphorous connectivities revealed by high-resolution proton-detected solid-state NMR. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 7768-7778.	2.8	6
15	Dimer Organization of Membraneâ€Associated NS5A of Hepatitisâ€C Virus as Determined by Highly Sensitive <sup>1</sup> Hâ€Detected Solidâ€State NMR. <i>Angewandte Chemie</i> , 2021, 133, 5399-5407.	2.0	3
16	Correction of field instabilities in biomolecular solid-state NMR by simultaneous acquisition of a frequency reference. <i>Magnetic Resonance</i> , 2022, 3, 15-26.	1.9	2