

# Judith Schlagnitweit

## List of Publications by Citations

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23  
papers

358  
citations

12  
h-index

18  
g-index

27  
ext. papers

465  
ext. citations

7.3  
avg, IF

3.42  
L-index

#	Paper	IF	Citations
23	Measuring Nano- to Microstructures from Relayed Dynamic Nuclear Polarization NMR. <i>Journal of Physical Chemistry C</i> , <b>2017</b> , 121, 15993-16005	3.8	61
22	Secondary structure determination of conserved SARS-CoV-2 RNA elements by NMR spectroscopy. <i>Nucleic Acids Research</i> , <b>2020</b> , 48, 12415-12435	20.1	58
21	Comprehensive analysis of NMR data using advanced line shape fitting. <i>Journal of Biomolecular NMR</i> , <b>2017</b> , 69, 93-99	3	30
20	RNA Dynamics by NMR Spectroscopy. <i>ChemBioChem</i> , <b>2019</b> , 20, 2685-2710	3.8	27
19	Observing an Antisense Drug Complex in Intact Human Cells by in-Cell NMR Spectroscopy. <i>ChemBioChem</i> , <b>2019</b> , 20, 2474-2478	3.8	24
18	Base-pair conformational switch modulates miR-34a targeting of Sirt1 mRNA. <i>Nature</i> , <b>2020</b> , 583, 139-144	50.4	22
17	Nanostructure of Materials Determined by Relayed Paramagnetic Relaxation Enhancement. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 12482-5	16.4	19
16	Spin-Noise-Detected Two-Dimensional Fourier-Transform NMR Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , <b>2013</b> , 4, 3853-3856	6.4	17
15	Signal enhancement in protein NMR using the spin-noise tuning optimum. <i>Journal of Biomolecular NMR</i> , <b>2010</b> , 48, 157-67	3	16
14	Efficient Detection of Structure and Dynamics in Unlabeled RNAs: The SELOPE Approach. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 6067-6070	4.8	14
13	On the tuning of high-resolution NMR probes. <i>ChemPhysChem</i> , <b>2014</b> , 15, 3639-45	3.2	14
12	Capturing Excited States in the Fast-Intermediate Exchange Limit in Biological Systems Using H NMR Spectroscopy. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 15869-15872	16.4	13
11	Non-linear signal detection improvement by radiation damping in single-pulse NMR spectra. <i>ChemPhysChem</i> , <b>2012</b> , 13, 482-7	3.2	12
10	Determination of the xanthate group distribution on viscose by liquid-state <sup>1</sup> H NMR spectroscopy. <i>Analytical and Bioanalytical Chemistry</i> , <b>2011</b> , 400, 2449-56	4.4	5
9	Capturing Excited States in the Fast-Intermediate Exchange Limit in Biological Systems Using <sup>1</sup> H NMR Spectroscopy. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 16101-16104	3.6	5
8	H, C and N chemical shift assignment of the stem-loop 5a from the 5bUTR of SARS-CoV-2. <i>Biomolecular NMR Assignments</i> , <b>2021</b> , 15, 203-211	0.7	5
7	MQD--multiplex-quadrature detection in multi-dimensional NMR. <i>ChemPhysChem</i> , <b>2012</b> , 13, 342-6	3.2	4

6	Backbone assignment and secondary structure of the PsbQ protein from photosystem II. <i>Biomolecular NMR Assignments</i> , <b>2011</b> , 5, 169-75	0.7	4
5	Refocused linewidths less than 10 Hz in H solid-state NMR. <i>Journal of Magnetic Resonance</i> , <b>2018</b> , 293, 41-46	3	3
4	Resonance assignment of PsbP: an extrinsic protein from photosystem II of <i>Spinacia oleracea</i> . <i>Biomolecular NMR Assignments</i> , <b>2015</b> , 9, 341-6	0.7	2
3	Nuclear spin noise tomography in three dimensions with iterative simultaneous algebraic reconstruction technique (SART) processing. <i>Magnetic Resonance</i> , <b>2020</b> , 1, 165-173	2.9	2
2	Practical Aspects of Sample Preparation and Setup of $^1\text{H}$ $R_{1\rho}$ Relaxation Dispersion Experiments of RNA. <i>Journal of Visualized Experiments</i> , <b>2021</b> ,	1.6	1
1	Mutate-and-chemical-shift-fingerprint (MCSF) to characterize excited states in RNA using NMR spectroscopy. <i>Nature Protocols</i> , <b>2021</b> , 16, 5146-5170	18.8	