

Beat H Meier

List of Publications by Year in descending order

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Version: 2024-02-01

311
papers

23,176
citations

15880

67
h-index

11608

140
g-index

347
all docs

347
docs citations

347
times ranked

15229
citing authors

#	ARTICLE	IF	CITATIONS
1	Correction of field instabilities in biomolecular solid-state NMR by simultaneous acquisition of a frequency reference. <i>Magnetic Resonance</i> , 2022, 3, 15-26.	0.8	2
2	Fast Magicâ€Angleâ€Spinning NMR Reveals the Evasive Hepatitisâ€B Virus Capsid Câ€Terminal Domain**. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	1
3	Fast Magicâ€Angleâ€Spinning NMR Reveals the Evasive Hepatitisâ€B Virus Capsid Câ€Terminal Domain**. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	9
4	Pharmacomodulation of a ligand targeting the HBV capsid hydrophobic pocket. <i>Chemical Science</i> , 2022, 13, 8840-8847.	3.7	1
5	Solid-State NMR Reveals Asymmetric ATP Hydrolysis in the Multidrug ABC Transporter BmrA. <i>Journal of the American Chemical Society</i> , 2022, 144, 12431-12442.	6.6	13
6	Dimer Organization of Membraneâ€Associated NS5A of Hepatitisâ€C Virus as Determined by Highly Sensitive 1 Hâ€Detected Solidâ€State NMR. <i>Angewandte Chemie</i> , 2021, 133, 5399-5407.	1.6	3
7	Dimer Organization of Membraneâ€Associated NS5A of Hepatitisâ€C Virus as Determined by Highly Sensitive ¹ Hâ€Detected Solidâ€State NMR. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 5339-5347.	7.2	25
8	How wide is the window opened by high-resolution relaxometry on the internal dynamics of proteins in solution?. <i>Journal of Biomolecular NMR</i> , 2021, 75, 119-131.	1.6	9
9	A pocket-factorâ€triggered conformational switch in the hepatitis B virus capsid. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, e2022464118.	3.3	15
10	A rationally designed oral vaccine induces immunoglobulin A in the murine gut that directs the evolution of attenuated Salmonella variants. <i>Nature Microbiology</i> , 2021, 6, 830-841.	5.9	21
11	Large-Scale Recombinant Production of the SARS-CoV-2 Proteome for High-Throughput and Structural Biology Applications. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 653148.	1.6	29
12	Paramagnetic Solidâ€State NMR to Localize the Metalâ€Ion Cofactor in an Oligomeric DnaB Helicase. <i>Chemistry - A European Journal</i> , 2021, 27, 7745-7755.	1.7	8
13	Temperature-Dependent Solid-State NMR Proton Chemical-Shift Values and Hydrogen Bonding. <i>Journal of Physical Chemistry B</i> , 2021, 125, 6222-6230.	1.2	13
14	Biomolecular solid-state NMR spectroscopy at 1200â€MHz: the gain in resolution. <i>Journal of Biomolecular NMR</i> , 2021, 75, 255-272.	1.6	41
15	Residual dipolar line width in magic-angle spinning proton solid-state NMR. <i>Magnetic Resonance</i> , 2021, 2, 499-509.	0.8	15
16	Spectroscopic glimpses of the transition state of ATP hydrolysis trapped in a bacterial DnaB helicase. <i>Nature Communications</i> , 2021, 12, 5293.	5.8	13
17	Hommage to Richard R. Ernst. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 769772.	1.6	0
18	HPTLC Fingerprint Authentication of Selected Sideritis spp. Using a Pharmacognostic Approach. <i>Planta Medica</i> , 2021, 87, 1152-1166.	0.7	3

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19	Experimental Characterization of the Hepatitis B Virus Capsid Dynamics by Solid-State NMR. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 807577.	1.6	9
20	Nucleotide Binding Modes in a Motor Protein Revealed by ³¹ P- and ¹ H-Detected MAS Solid-State NMR Spectroscopy. <i>ChemBioChem</i> , 2020, 21, 324-330.	1.3	20
21	Ethnoveterinary knowledge of farmers in bilingual regions of Switzerland – is there potential to extend veterinary options to reduce antimicrobial use?. <i>Journal of Ethnopharmacology</i> , 2020, 246, 112184.	2.0	28
22	Proton-Detected Solid-State NMR of the Cell-Free Synthesized β -Helical Transmembrane Protein NS4B from Hepatitis C Virus. <i>ChemBioChem</i> , 2020, 21, 1453-1460.	1.3	16
23	Solid-State NMR for Studying the Structure and Dynamics of Viral Assemblies. <i>Viruses</i> , 2020, 12, 1069.	1.5	29
24	The three-dimensional structure of human β -endorphin amyloid fibrils. <i>Nature Structural and Molecular Biology</i> , 2020, 27, 1178-1184.	3.6	46
25	ATP Analogues for Structural Investigations: Case Studies of a DnaB Helicase and an ABC Transporter. <i>Molecules</i> , 2020, 25, 5268.	1.7	27
26	Protein Side-Chain-DNA Contacts Probed by Fast Magic-Angle Spinning NMR. <i>Journal of Physical Chemistry B</i> , 2020, 124, 11089-11097.	1.2	13
27	Asparagine and Glutamine Side-Chains and Ladders in HET-s(218-289) Amyloid Fibrils Studied by Fast Magic-Angle Spinning NMR. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 582033.	1.6	12
28	Prion Amyloid Polymorphs – The Tag Might Change It All. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 190.	1.6	2
29	Protein NMR Spectroscopy at 150-...kHz Magic-Angle Spinning Continues To Improve Resolution and Mass Sensitivity. <i>ChemBioChem</i> , 2020, 21, 2540-2548.	1.3	72
30	Sedimentation Yields Long-Term Stable Protein Samples as Shown by Solid-State NMR. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 17.	1.6	32
31	Origin of the residual line width under frequency-switched Lee-Goldburg decoupling in MAS solid-state NMR. <i>Magnetic Resonance</i> , 2020, 1, 13-25.	0.8	9
32	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.	1.3	33
33	Reducing bias in the analysis of solution-state NMR data with dynamics detectors. <i>Journal of Chemical Physics</i> , 2019, 151, 034102.	1.2	19
34	100 kHz MAS Proton-Detected NMR Spectroscopy of Hepatitis B Virus Capsids. <i>Frontiers in Molecular Biosciences</i> , 2019, 6, 58.	1.6	38
35	Including Protons in Solid-State NMR Resonance Assignment and Secondary Structure Analysis: The Example of RNA Polymerase II Subunits Rpo4/7. <i>Frontiers in Molecular Biosciences</i> , 2019, 6, 100.	1.6	14
36	Combining Cell-Free Protein Synthesis and NMR Into a Tool to Study Capsid Assembly Modulation. <i>Frontiers in Molecular Biosciences</i> , 2019, 6, 67.	1.6	20

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37	Characterization of H ₂ Splitting Products of Frustrated Lewis Pairs: Benefit of Fast Magic-Angle Spinning. <i>ChemPhysChem</i> , 2019, 20, 672-679.	1.0	9
38	Spinning faster: protein NMR at MAS frequencies up to 126 kHz. <i>Journal of Biomolecular NMR</i> , 2019, 73, 19-29.	1.6	101
39	Protein sample preparation for solid-state NMR investigations. <i>Progress in Nuclear Magnetic Resonance Spectroscopy</i> , 2019, 110, 20-33.	3.9	23
40	Localized and Collective Motions in HET(218) Fibrils from Combined NMR Relaxation and MD Simulation. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 9383-9388.	7.2	25
41	Localized and Collective Motions in HET(218) Fibrils from Combined NMR Relaxation and MD Simulation. <i>Angewandte Chemie</i> , 2019, 131, 9483-9488.	1.6	9
42	Flexible-to-rigid transition is central for substrate transport in the ABC transporter BmrA from <i>Bacillus subtilis</i> . <i>Communications Biology</i> , 2019, 2, 149.	2.0	32
43	Measuring strong one-bond dipolar couplings using REDOR in magic-angle spinning solid-state NMR. <i>Journal of Chemical Physics</i> , 2019, 150, 134201.	1.2	14
44	A Small Helical Bundle Prepares Primer Synthesis by Binding Two Nucleotides that Enhance Sequence-Specific Recognition of the DNA Template. <i>Cell</i> , 2019, 176, 154-166.e13.	13.5	22
45	A Substantial Structural Conversion of the Native Monomer Leads to in-register Parallel Amyloid Fibril Formation in Light-Chain Amyloidosis. <i>ChemBioChem</i> , 2019, 20, 1027-1031.	1.3	21
46	Ethnoveterinary contemporary knowledge of farmers in pre-alpine and alpine regions of the Swiss cantons of Bern and Lucerne compared to ancient and recent literature – Is there a tradition?. <i>Journal of Ethnopharmacology</i> , 2019, 234, 225-244.	2.0	25
47	The conformational changes coupling ATP hydrolysis and translocation in a bacterial DnaB helicase. <i>Nature Communications</i> , 2019, 10, 31.	5.8	45
48	Microscale 3D imaging by magnetic resonance force microscopy using full-volume Fourier- and Hadamard-encoding. <i>Journal of Magnetic Resonance</i> , 2019, 299, 196-201.	1.2	5
49	Detection of liquids by magnetic resonance force microscopy in the gradient-on-cantilever geometry. <i>Journal of Magnetic Resonance</i> , 2019, 298, 85-90.	1.2	4
50	Two new polymorphic structures of human full-length alpha-synuclein fibrils solved by cryo-electron microscopy. <i>ELife</i> , 2019, 8, .	2.8	220
51	Structural Studies of Self-Assembled Subviral Particles: Combining Cell-Free Expression with 110 kHz MAS NMR Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 4787-4791.	7.2	37
52	Strukturelle Untersuchung subviraler Partikel durch die Kombination von zellfreier Proteinherstellung mit 110 kHz MAS-NMR-Spektroskopie. <i>Angewandte Chemie</i> , 2018, 130, 4877-4882.	1.6	4
53	Solid-state [¹³ C- ¹⁵ N] NMR resonance assignment of hepatitis B virus core protein. <i>Biomolecular NMR Assignments</i> , 2018, 12, 205-214.	0.4	21
54	Optimized detectors for dynamics analysis in solid-state NMR. <i>Journal of Chemical Physics</i> , 2018, 148, 045104.	1.2	29

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55	Transient effects in π -pulse sequences in MAS solid-state NMR. <i>Journal of Magnetic Resonance</i> , 2018, 287, 65-73.	1.2	11
56	Localizing Conformational Hinges by NMR: Where Do Hepatitis B Virus Core Proteins Adapt for Capsid Assembly?. <i>ChemPhysChem</i> , 2018, 19, 1336-1340.	1.0	25
57	Binding of Polythiophenes to Amyloids: Structural Mapping of the Pharmacophore. <i>ACS Chemical Neuroscience</i> , 2018, 9, 475-481.	1.7	31
58	Selective labeling and unlabeled strategies in protein solid-state NMR spectroscopy. <i>Journal of Biomolecular NMR</i> , 2018, 71, 141-150.	1.6	49
59	CONFINE-MAS: a magic-angle spinning NMR probe that confines the sample in case of a rotor explosion. <i>Journal of Biomolecular NMR</i> , 2018, 72, 171-177.	1.6	5
60	Direct amide ^{15}N to ^{13}C transfers for solid-state assignment experiments in deuterated proteins. <i>Journal of Biomolecular NMR</i> , 2018, 72, 69-78.	1.6	4
61	Insight into small molecule binding to the neonatal Fc receptor by X-ray crystallography and 100 kHz magic-angle-spinning NMR. <i>PLoS Biology</i> , 2018, 16, e2006192.	2.6	31
62	Efficient low-power TOBSY sequences for fast MAS. <i>Solid State Nuclear Magnetic Resonance</i> , 2018, 89, 27-34.	1.5	11
63	Setting the magic angle for fast magic-angle spinning probes. <i>Journal of Magnetic Resonance</i> , 2018, 293, 115-122.	1.2	23
64	Segmental isotope labelling and solid-state NMR of a 12.5 kDa motor protein: identification of structural variability. <i>Journal of Biomolecular NMR</i> , 2018, 71, 237-245.	1.6	18
65	Amyloid Fibril Polymorphism: Almost Identical on the Atomic Level, Mesoscopically Very Different. <i>Journal of Physical Chemistry B</i> , 2017, 121, 1783-1792.	1.2	41
66	Line-Broadening in Low-Temperature Solid-State NMR Spectra of Fibrils. <i>Journal of Biomolecular NMR</i> , 2017, 67, 51-61.	1.6	26
67	Partially-deuterated samples of HET-s(218-289) fibrils: assignment and deuterium isotope effect. <i>Journal of Biomolecular NMR</i> , 2017, 67, 109-119.	1.6	30
68	Parameter independent low-power heteronuclear decoupling for fast magic-angle spinning solid-state NMR. <i>Journal of Chemical Physics</i> , 2017, 146, 084202.	1.2	17
69	Solid-state NMR and EPR Spectroscopy of Mn^{2+} -Substituted ATP-Fueled Protein Engines. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 3369-3373.	7.2	49
70	Microsecond Dynamics in Ubiquitin Probed by Solid-state ^{15}N NMR Spectroscopy $\langle R^2 \rangle$ Relaxation Experiments under Fast MAS (60-110 kHz). <i>Chemistry - A European Journal</i> , 2017, 23, 9425-9433.	1.7	43
71	Hexagonal ice in pure water and biological NMR samples. <i>Journal of Biomolecular NMR</i> , 2017, 67, 15-22.	1.6	1
72	Because the Light is Better Here: Correlation Time Analysis by NMR Spectroscopy. <i>Angewandte Chemie</i> , 2017, 129, 13778-13783.	1.6	14

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73	Frontispiece: Because the Light is Better Here: Correlation Time Analysis by NMR Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2017, 56, .	7.2	0
74	Because the Light is Better Here: Correlation Time Analysis by NMR Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 13590-13595.	7.2	34
75	Emerging Structural Understanding of Amyloid Fibrils by Solid-State NMR. <i>Trends in Biochemical Sciences</i> , 2017, 42, 777-787.	3.7	73
76	Proton-Detected NMR Spectroscopy of Nanodisc-Embedded Membrane Proteins: MAS Solid-State vs Solution-State Methods. <i>Journal of Physical Chemistry B</i> , 2017, 121, 7671-7680.	1.2	23
77	Sample Preparation for Membrane Protein Structural Studies by Solid-State NMR. <i>Methods in Molecular Biology</i> , 2017, 1635, 345-358.	0.4	5
78	Festkörperlaser-NMR- und EPR-Spektroskopie an Mn ²⁺ -substituierten ATP-angetriebenen Proteinmaschinen. <i>Angewandte Chemie</i> , 2017, 129, 3418-3422.	1.6	5
79	Protein-nucleotide contacts in motor proteins detected by DNP-enhanced solid-state NMR. <i>Journal of Biomolecular NMR</i> , 2017, 69, 157-164.	1.6	19
80	The conformation of the Congo-red ligand bound to amyloid fibrils HET-s(218-289): a solid-state NMR study. <i>Journal of Biomolecular NMR</i> , 2017, 69, 207-213.	1.6	8
81	Dissolution DNP using trityl radicals at 7 T field. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 19196-19204.	1.3	23
82	Swiss ethnoveterinary knowledge on medicinal plants – a within-country comparison of Italian speaking regions with north-western German speaking regions. <i>Journal of Ethnobiology and Ethnomedicine</i> , 2017, 13, 1.	1.1	111
83	Optimizing symmetry-based recoupling sequences in solid-state NMR by pulse-transient compensation and asynchronous implementation. <i>Journal of Chemical Physics</i> , 2017, 146, 244202.	1.2	5
84	Frontispiz: Because the Light is Better Here: Correlation Time Analysis by NMR Spectroscopy. <i>Angewandte Chemie</i> , 2017, 129, .	1.6	0
85	Gradient reconstitution of membrane proteins for solid-state NMR studies. <i>Journal of Biomolecular NMR</i> , 2017, 69, 81-91.	1.6	11
86	An Efficient Procedure for Removal and Inactivation of Alpha-Synuclein Assemblies from Laboratory Materials. <i>Journal of Parkinson's Disease</i> , 2016, 6, 143-151.	1.5	31
87	A generalized theoretical framework for the description of spin decoupling in solid-state MAS NMR: Offset effect on decoupling performance. <i>Journal of Chemical Physics</i> , 2016, 145, 094201.	1.2	16
88	Improved transfer efficiencies in radio-frequency-driven recoupling solid-state NMR by adiabatic sweep through the dipolar recoupling condition. <i>Journal of Chemical Physics</i> , 2016, 145, 034201.	1.2	4
89	Cell-free expression, purification, and membrane reconstitution for NMR studies of the nonstructural protein 4B from hepatitis C virus. <i>Journal of Biomolecular NMR</i> , 2016, 65, 87-98.	1.6	25
90	Plant and natural product based homemade remedies manufactured and used by farmers of six central Swiss cantons to treat livestock. <i>Livestock Science</i> , 2016, 189, 110-125.	0.6	27

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91	Further exploration of the conformational space of $\hat{\pm}$ -synuclein fibrils: solid-state NMR assignment of a high-pH polymorph. <i>Biomolecular NMR Assignments</i> , 2016, 10, 5-12.	0.4	36
92	Solid-state NMR sequential assignment of an Amyloid- $\hat{1}^2$ (1 $\hat{\epsilon}$ "42) fibril polymorph. <i>Biomolecular NMR Assignments</i> , 2016, 10, 269-276.	0.4	18
93	Variability and conservation of structural domains in divide-and-conquer approaches. <i>Journal of Biomolecular NMR</i> , 2016, 65, 79-86.	1.6	15
94	Atomic-resolution structure of a disease-relevant A $\hat{1}^2$ (1 $\hat{\epsilon}$ "42) amyloid fibril. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E4976-84.	3.3	712
95	Characterization of fibril dynamics on three timescales by solid-state NMR. <i>Journal of Biomolecular NMR</i> , 2016, 65, 171-191.	1.6	63
96	Beobachtung von ssDNA $\hat{\epsilon}$ Bindung an die DnaB $\hat{\epsilon}$ Helikase von <i>Helicobacter pylori</i> mittels Festk $\hat{\epsilon}$ trper $\hat{\epsilon}$ NMR $\hat{\epsilon}$ Spektroskopie. <i>Angewandte Chemie</i> , 2016, 128, 14370-14375.	1.6	4
97	Monitoring ssDNA Binding to the DnaB Helicase from <i>Helicobacter pylori</i> by Solid $\hat{\epsilon}$ State NMR Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 14164-14168.	7.2	22
98	Accelerating proton spin diffusion in perdeuterated proteins at 100 $\hat{\epsilon}$ kHz MAS. <i>Journal of Biomolecular NMR</i> , 2016, 66, 233-242.	1.6	26
99	Solid-state NMR sequential assignment of the $\hat{1}^2$ -endorphin peptide in its amyloid form. <i>Biomolecular NMR Assignments</i> , 2016, 10, 259-268.	0.4	5
100	Theoretical description of RESPIRATION-CP. <i>Chemical Physics Letters</i> , 2016, 645, 150-156.	1.2	9
101	Investigation of the structural preference and flexibility of the loop residues in amyloid fibrils of the HET-s prion. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 5860-5866.	1.3	4
102	Preparation and Characterization of Stable $\hat{\pm}$ -Synuclein Lipoprotein Particles. <i>Journal of Biological Chemistry</i> , 2016, 291, 8516-8527.	1.6	49
103	Solid-state NMR chemical-shift perturbations indicate domain reorientation of the DnaG primase in the primosome of <i>Helicobacter pylori</i> . <i>Journal of Biomolecular NMR</i> , 2016, 64, 189-195.	1.6	15
104	Quantification and compensation of the influence of pulse transients on symmetry-based recoupling sequences. <i>Journal of Magnetic Resonance</i> , 2016, 263, 7-18.	1.2	13
105	Dynamic Assembly and Disassembly of Functional $\hat{1}^2$ -Endorphin Amyloid Fibrils. <i>Journal of the American Chemical Society</i> , 2016, 138, 846-856.	6.6	71
106	Sequence-specific solid-state NMR assignments of the mouse ASC PYRIN domain in its filament form. <i>Biomolecular NMR Assignments</i> , 2016, 10, 107-115.	0.4	12
107	Solid-state NMR sequential assignments of the N-terminal domain of HpDnaB helicase. <i>Biomolecular NMR Assignments</i> , 2016, 10, 13-23.	0.4	16
108	Reassessment of MxiH subunit orientation and fold within native <i>Shigella</i> T3SS needles using surface labelling and solid-state NMR. <i>Journal of Structural Biology</i> , 2015, 192, 441-448.	1.3	18

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109	Compensating Pulse Imperfections in Solid-State NMR Spectroscopy: A Key to Better Reproducibility and Performance. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 12592-12596.	7.2	23
110	Alternative salt bridge formation in A β a hallmark of early-onset Alzheimer's disease?. <i>Frontiers in Molecular Biosciences</i> , 2015, 2, 14.	1.6	17
111	Structure-based drug design identifies polythiophenes as antiprion compounds. <i>Science Translational Medicine</i> , 2015, 7, 299ra123.	5.8	130
112	Spinning proteins, the faster, the better?. <i>Journal of Magnetic Resonance</i> , 2015, 253, 71-79.	1.2	127
113	Structure and assembly of the mouse ASC inflammasome by combined NMR spectroscopy and cryo-electron microscopy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 13237-13242.	3.3	133
114	Protein resonance assignment at MAS frequencies approaching 100 kHz: a quantitative comparison of J-coupling and dipolar-coupling-based transfer methods. <i>Journal of Biomolecular NMR</i> , 2015, 63, 165-186.	1.6	91
115	The structure of fibrils from α -misfolded proteins. <i>Current Opinion in Structural Biology</i> , 2015, 30, 43-49.	2.6	61
116	Solid-state NMR sequential assignment of Osaka-mutant amyloid-beta (A β ¹⁻⁴⁰ E22 Δ) fibrils. <i>Biomolecular NMR Assignments</i> , 2015, 9, 7-14.	0.4	16
117	Atomic-Resolution Three-Dimensional Structure of Amyloid β Fibrils Bearing the Osaka Mutation. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 331-335.	7.2	245
118	Wheat germ cell-free expression: Two detergents with a low critical micelle concentration allow for production of soluble HCV membrane proteins. <i>Protein Expression and Purification</i> , 2015, 105, 39-46.	0.6	24
119	Unlike Twins: An NMR Comparison of Two β -Synuclein Polymorphs Featuring Different Toxicity. <i>PLoS ONE</i> , 2014, 9, e90659.	1.1	110
120	Contribution of Specific Residues of the β -Solenoid Fold to HET-s Prion Function, Amyloid Structure and Stability. <i>PLoS Pathogens</i> , 2014, 10, e1004158.	2.1	45
121	Solid-state NMR sequential assignments of the amyloid core of full-length Sup35p. <i>Biomolecular NMR Assignments</i> , 2014, 8, 349-356.	0.4	13
122	Improved decoupling during symmetry-based C9-TOBSY sequences. <i>Journal of Magnetic Resonance</i> , 2014, 239, 61-68.	1.2	6
123	Solid-state NMR sequential assignments of the amyloid core of Sup35pNM. <i>Biomolecular NMR Assignments</i> , 2014, 8, 365-370.	0.4	6
124	Solid-state NMR sequential assignments of the C-terminal oligomerization domain of human C4b-binding protein. <i>Biomolecular NMR Assignments</i> , 2014, 8, 1-6.	0.4	1
125	Yet another polymorph of β -synuclein: solid-state sequential assignments. <i>Biomolecular NMR Assignments</i> , 2014, 8, 395-404.	0.4	42
126	Cross-polarization for dissolution dynamic nuclear polarization. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 21407-21416.	1.3	25

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127	Broad-Band DREAM Recoupling Sequence. <i>Journal of Physical Chemistry Letters</i> , 2014, 5, 3366-3372.	2.1	12
128	Deâ€¦Novo 3D Structure Determination from Subâ€¦milligram Protein Samples by Solidâ€¦State 100â€¦kHz MAS NMR Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 12253-12256.	7.2	294
129	Controlling spin diffusion by tailored rf-irradiation schemes. <i>Chemical Physics Letters</i> , 2014, 608, 60-67.	1.2	12
130	Efficient and stable reconstitution of the ABC transporter BmrA for solid-state NMR studies. <i>Frontiers in Molecular Biosciences</i> , 2014, 1, 5.	1.6	25
131	Ethnoveterinary herbal remedies used by farmers in four north-eastern Swiss cantons (St. Gallen,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 14 Ethnomedicine, 2014, 10, 32.	1.1	35
132	Structural and functional characterization of two alpha-synuclein strains. <i>Nature Communications</i> , 2013, 4, 2575.	5.8	721
133	The Conformation of the Prion Domain of Sup35â€¦op in Isolation and in the Fullâ€¦Length Protein. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 12741-12744.	7.2	40
134	HR-MAS NMR reveals a pH-dependent LPS alteration by de-O-acetylation at abequeose in the O-antigen of <i>Salmonella enterica</i> serovar Typhimurium. <i>Carbohydrate Research</i> , 2013, 382, 58-64.	1.1	13
135	Amplitude-modulated low-power decoupling sequences for fast magic-angle spinning NMR. <i>Chemical Physics Letters</i> , 2013, 583, 1-7.	1.2	39
136	Spatio-chemical characterization of a polymer blend by magnetic resonance force microscopy. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 3438.	1.3	6
137	Adiabatic Rotor-Echo-Short-Pulse-Irradiation mediated cross-polarization. <i>Journal of Magnetic Resonance</i> , 2013, 237, 147-151.	1.2	14
138	Automated solid-state NMR resonance assignment of protein microcrystals and amyloids. <i>Journal of Biomolecular NMR</i> , 2013, 56, 243-254.	1.6	39
139	PAIN with and without PAR: variants for third-spin assisted heteronuclear polarization transfer. <i>Journal of Biomolecular NMR</i> , 2013, 56, 365-377.	1.6	17
140	On the Behavior of Water at Subfreezing Temperatures in a Protein Crystal: Evidence of Higher Mobility Than in Bulk Water. <i>Journal of Physical Chemistry B</i> , 2013, 117, 11433-11447.	1.2	0
141	The Mechanism of Toxicity in HET-S/HET-s Prion Incompatibility. <i>PLoS Biology</i> , 2012, 10, e1001451.	2.6	123
142	Traditional Use of Herbal Remedies in Livestock by Farmers in 3 Swiss Cantons (Aargau, Zurich,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 14 2.2	2.2	37
143	Biological Solid-state NMR at ETH Zurich. <i>Chimia</i> , 2012, 66, 798-800.	0.3	0
144	4D solid-state NMR for protein structure determination. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 5239.	1.3	42

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145	Crystal Structures of Ribose: the Glassy Crystal Transformation. <i>Helvetica Chimica Acta</i> , 2012, 95, 1687-1693.	1.0	5
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