

# Harald J Schwalbe

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

468  
papers

15,675  
citations

63  
h-index

104  
g-index

551  
ext. papers

17,497  
ext. citations

7.7  
avg, IF

6.46  
L-index

#	Paper	IF	Citations
468	H, C and N chemical shift assignment of the stem-loops 5b + c from the 5'UTR of SARS-CoV-2.. <i>Biomolecular NMR Assignments</i> , <b>2022</b> , 1	0.7	
467	Nicht kodierende Ribonukleinsäure im kardiovaskulären System. <i>Kardiologe</i> , <b>2022</b> , 16, 100-108	0.6	
466	Oxidation of the Mycobacterium tuberculosis key virulence factor Protein Tyrosine Phosphatase A (MptpA) reduces its phosphatase activity.. <i>FEBS Letters</i> , <b>2022</b> ,	3.8	
465	Randomizing of Oligopeptide Conformations by Nearest Neighbor Interactions between Amino Acid Residues. <i>Biomolecules</i> , <b>2022</b> , 12, 684	5.9	1
464	Solution structure of the voltage-gated Tim23 channel in complex with a mitochondrial presequence peptide. <i>Cell Research</i> , <b>2021</b> , 31, 821-824	24.7	3
463	Solid-Phase-Supported Chemoenzymatic Synthesis of a Light-Activatable tRNA Derivative. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> ,	16.4	3
462	The Transcriptional Repressor Orphan Nuclear Receptor TLX Is Responsive to Xanthines.. <i>ACS Pharmacology and Translational Science</i> , <b>2021</b> , 4, 1794-1807	5.9	2
461	Characterization of Structure and Dynamics of the Guanidine-II Riboswitch from Escherichia coli by NMR Spectroscopy and Small-Angle X-ray Scattering (SAXS). <i>ChemBioChem</i> , <b>2021</b> ,	3.8	1
460	Repeating Aspartic Acid Residues Prefer Turn-like Conformations in the Unfolded State: Implications for Early Protein Folding. <i>Journal of Physical Chemistry B</i> , <b>2021</b> , 125, 11392-11407	3.4	4
459	Folding dynamics of polymorphic G-quadruplex structures. <i>Biopolymers</i> , <b>2021</b> , e23477	2.2	6
458	Backbone chemical shift spectral assignments of SARS coronavirus-2 non-structural protein nsp9. <i>Biomolecular NMR Assignments</i> , <b>2021</b> , 15, 235-241	0.7	3
457	H, C, and N backbone chemical-shift assignments of SARS-CoV-2 non-structural protein 1 (leader protein). <i>Biomolecular NMR Assignments</i> , <b>2021</b> , 15, 287-295	0.7	4
456	Synthesis and in Vitro Evaluation of Novel 5-Nitroindole Derivatives as c-Myc G-Quadruplex Binders with Anticancer Activity. <i>ChemMedChem</i> , <b>2021</b> , 16, 1667-1679	3.7	1
455	High complexity of Glutamine synthetase regulation in Methanosarcina mazei: Small protein 26 interacts and enhances glutamine synthetase activity. <i>FEBS Journal</i> , <b>2021</b> , 288, 5350-5373	5.7	4
454	3D Heteronuclear Magnetization Transfers for the Establishment of Secondary Structures in SARS-CoV-2-Derived RNAs. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 4942-4948	16.4	5
453	The Folding Landscapes of Human Telomeric RNA and DNA G-Quadruplexes are Markedly Different. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 10895-10901	16.4	4
452	Unraveling the Kinetics of Spare-Tire DNA G-Quadruplex Folding. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 6185-6193	16.4	6

451	H, C, N and P chemical shift assignment for stem-loop 4 from the 5'UTR of SARS-CoV-2. <i>Biomolecular NMR Assignments</i> , <b>2021</b> , 15, 335-340	0.7	2
450	The Folding Landscapes of Human Telomeric RNA and DNA G-Quadruplexes are Markedly Different. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 10990-10996	3.6	2
449	Magnetization Transfer to Enhance NOE Cross-Peaks among Labile Protons: Applications to Imino-Imino Sequential Walks in SARS-CoV-2-Derived RNAs. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 11991-11998	3.6	3
448	Magnetization Transfer to Enhance NOE Cross-Peaks among Labile Protons: Applications to Imino-Imino Sequential Walks in SARS-CoV-2-Derived RNAs. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 11884-11891	16.4	5
447	Large-Scale Recombinant Production of the SARS-CoV-2 Proteome for High-Throughput and Structural Biology Applications. <i>Frontiers in Molecular Biosciences</i> , <b>2021</b> , 8, 653148	5.6	12
446	Real-time nuclear magnetic resonance spectroscopy in the study of biomolecular kinetics and dynamics. <i>Magnetic Resonance</i> , <b>2021</b> , 2, 291-320	2.9	2
445	NMR structure of the <i>Vibrio vulnificus</i> ribosomal protein S1 domains D3 and D4 provides insights into molecular recognition of single-stranded RNAs. <i>Nucleic Acids Research</i> , <b>2021</b> , 49, 7753-7764	20.1	1
444	Wavelength-Selective Uncaging of Two Different Photoresponsive Groups on One Effector Molecule for Light-Controlled Activation and Deactivation. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 10596-10603	16.4	6
443	In-Cell NMR Spectroscopy of Functional Riboswitch Aptamers in Eukaryotic Cells. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 865-872	16.4	11
442	Biological functions, genetic and biochemical characterization, and NMR structure determination of the small zinc finger protein HVO_2753 from <i>Haloferax volcanii</i> . <i>FEBS Journal</i> , <b>2021</b> , 288, 2042-2062	5.7	4
441	H, C, and N backbone chemical shift assignments of coronavirus-2 non-structural protein Nsp10. <i>Biomolecular NMR Assignments</i> , <b>2021</b> , 15, 65-71	0.7	1
440	H, C, and N backbone chemical shift assignments of the C-terminal dimerization domain of SARS-CoV-2 nucleocapsid protein. <i>Biomolecular NMR Assignments</i> , <b>2021</b> , 15, 129-135	0.7	6
439	H,C and N chemical shift assignments of the SUD domains of SARS-CoV-2 non-structural protein 3c: "the N-terminal domain-SUD-N". <i>Biomolecular NMR Assignments</i> , <b>2021</b> , 15, 85-89	0.7	2
438	In-Cell NMR Spectroscopy of Functional Riboswitch Aptamers in Eukaryotic Cells. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 878-885	3.6	0
437	F NMR-Based Fragment Screening for 14 Different Biologically Active RNAs and 10 DNA and Protein Counter-Screens. <i>ChemBioChem</i> , <b>2021</b> , 22, 423-433	3.8	10
436	H, C and N chemical shift assignment of the stem-loop 5a from the 5'UTR of SARS-CoV-2. <i>Biomolecular NMR Assignments</i> , <b>2021</b> , 15, 203-211	0.7	5
435	H, C and N backbone chemical shift assignments of SARS-CoV-2 nsp3a. <i>Biomolecular NMR Assignments</i> , <b>2021</b> , 15, 173-176	0.7	3
434	Short peptides as predictors for the structure of polyarginine sequences in disordered proteins. <i>Biophysical Journal</i> , <b>2021</b> , 120, 662-676	2.9	7

433	Insights from Binding on Quadruplex Selective Carbazole Ligands. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 12726-12736	4.8	3
432	NMR Spectroscopic Investigation of Ribozymes <b>2021</b> , 785-815		0
431	Switching at the ribosome: riboswitches need rProteins as modulators to regulate translation. <i>Nature Communications</i> , <b>2021</b> , 12, 4723	17.4	8
430	H, C and N assignment of stem-loop SL1 from the 5'UTR of SARS-CoV-2. <i>Biomolecular NMR Assignments</i> , <b>2021</b> , 15, 467-474	0.7	2
429	Exploring the Druggability of Conserved RNA Regulatory Elements in the SARS-CoV-2 Genome. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 19340-19349	3.6	2
428	Exploring the Druggability of Conserved RNA Regulatory Elements in the SARS-CoV-2 Genome. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 19191-19200	16.4	11
427	H,C and N chemical shift assignments of the SUD domains of SARS-CoV-2 non-structural protein 3c: "The SUD-M and SUD-C domains". <i>Biomolecular NMR Assignments</i> , <b>2021</b> , 15, 165-171	0.7	1
426	Parallel reaction pathways accelerate folding of a guanine quadruplex. <i>Nucleic Acids Research</i> , <b>2021</b> , 49, 1247-1262	20.1	6
425	Short-chain aurachin D derivatives are selective inhibitors of E. coli cytochrome bd-I and bd-II oxidases.. <i>Scientific Reports</i> , <b>2021</b> , 11, 23852	4.9	1
424	Cysteine oxidation and disulfide formation in the ribosomal exit tunnel. <i>Nature Communications</i> , <b>2020</b> , 11, 5569	17.4	12
423	Non-Invasive Measurement of Drug and 2-HG Signals Using F and H MR Spectroscopy in Brain Tumors Treated with the Mutant IDH1 Inhibitor BAY1436032. <i>Cancers</i> , <b>2020</b> , 12,	6.6	3
422	The conformational landscape of transcription intermediates involved in the regulation of the ZMP-sensing riboswitch from <i>Thermosinus carboxydvorans</i> . <i>Nucleic Acids Research</i> , <b>2020</b> , 48, 6970-6979	20.1	8
421	Structural basis for the recognition of transiently structured AU-rich elements by Roquin. <i>Nucleic Acids Research</i> , <b>2020</b> , 48, 7385-7403	20.1	2
420	NMR quality control of fragment libraries for screening. <i>Journal of Biomolecular NMR</i> , <b>2020</b> , 74, 555-563		3 8
419	Genetic Code Expansion Facilitates Position-Selective Modification of Nucleic Acids and Proteins. <i>ChemPlusChem</i> , <b>2020</b> , 85, 1233-1243	2.8	0
418	Synthesis and Biological Screening of New Lawson Derivatives as Selective Substrate-Based Inhibitors of Cytochrome bo Ubiquinol Oxidase from <i>Escherichia coli</i> . <i>ChemMedChem</i> , <b>2020</b> , 15, 1262-1271	3.7	3
417	Site-Specific Detection of Arginine Methylation in Highly Repetitive Protein Motifs of Low Sequence Complexity by NMR. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 7647-7654	16.4	1
416	Refolding through a Linear Transition State Enables Fast Temperature Adaptation of a Translational Riboswitch. <i>Biochemistry</i> , <b>2020</b> , 59, 1081-1086	3.2	7

4 <sup>15</sup>	Light Dynamics of the Retinal-Disease-Relevant G90D Bovine Rhodopsin Mutant. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 15656-15664	16.4	2
4 <sup>14</sup>	formation of transcriptional modulators using non-canonical DNA i-motifs. <i>Chemical Science</i> , <b>2020</b> , 11, 2058-2067	9.4	11
4 <sup>13</sup>	Structure Validation of G-Rich RNAs in Noncoding Regions of the Human Genome. <i>ChemBioChem</i> , <b>2020</b> , 21, 1656-1663	3.8	11
4 <sup>12</sup>	A 300-fold enhancement of imino nucleic acid resonances by hyperpolarized water provides a new window for probing RNA refolding by 1D and 2D NMR. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 2449-2455	11.5	13
4 <sup>11</sup>	Structural rearrangement of amyloid- $\beta$ upon inhibitor binding suppresses formation of Alzheimer's disease related oligomers. <i>ELife</i> , <b>2020</b> , 9,	8.9	5
4 <sup>10</sup>	Functional implications of MIR domains in protein -mannosylation. <i>ELife</i> , <b>2020</b> , 9,	8.9	2
4 <sup>09</sup>	Genetic Code Expansion Facilitates Position-Selective Labeling of RNA for Biophysical Studies. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 1800-1810	4.8	5
4 <sup>08</sup>	Rapid Biophysical Characterization and NMR Spectroscopy Structural Analysis of Small Proteins from Bacteria and Archaea. <i>ChemBioChem</i> , <b>2020</b> , 21, 1178-1187	3.8	14
4 <sup>07</sup>	Real-Time NMR Spectroscopy for Studying Metabolism. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 2304-2308	16.4	16
4 <sup>06</sup>	Conformational Dynamics of Strand Register Shifts in DNA G-Quadruplexes. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 264-273	16.4	18
4 <sup>05</sup>	Real-Time NMR Spectroscopy for Studying Metabolism. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 2324-2328	3.6	4
4 <sup>04</sup>	NMR Spectroscopy of Large Functional RNAs: From Sample Preparation to Low-Gamma Detection. <i>Current Protocols in Nucleic Acid Chemistry</i> , <b>2020</b> , 82, e116	0.5	2
4 <sup>03</sup>	Sensitivity enhancement of homonuclear multidimensional NMR correlations for labile sites in proteins, polysaccharides, and nucleic acids. <i>Nature Communications</i> , <b>2020</b> , 11, 5317	17.4	12
4 <sup>02</sup>	Quantitative modeling of the function of kinetically driven transcriptional riboswitches. <i>Journal of Theoretical Biology</i> , <b>2020</b> , 506, 110406	2.3	
4 <sup>01</sup>	Site-specific dynamic nuclear polarization in a Gd(III)-labeled protein. <i>Physical Chemistry Chemical Physics</i> , <b>2020</b> , 22, 25455-25466	3.6	7
4 <sup>00</sup>	Anti-tyrosinase, anti-cholinesterase and cytotoxic activities of extracts and phytochemicals from the Tunisian <i>Citharexylum spinosum</i> L.: Molecular docking and SAR analysis. <i>Bioorganic Chemistry</i> , <b>2020</b> , 102, 104093	5.1	4
3 <sup>99</sup>	Metabolic Plasticity Is an Essential Requirement of Acquired Tyrosine Kinase Inhibitor Resistance in Chronic Myeloid Leukemia. <i>Cancers</i> , <b>2020</b> , 12,	6.6	1
3 <sup>98</sup>	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

397	Refolding of Cold-Denatured Barstar Induced by Radio-Frequency Heating: A New Method to Study Protein Folding by Real-Time NMR Spectroscopy. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 22270-22275	3.6	
396	Refolding of Cold-Denatured Barstar Induced by Radio-Frequency Heating: A New Method to Study Protein Folding by Real-Time NMR Spectroscopy. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 22086-22091	16.4	4
395	NMR Spectroscopic Characterization of the C-Mannose Conformation in a Thrombospondin Repeat Using a Selective Labeling Approach. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 20659-20665	16.4	5
394	H, C, and N backbone chemical shift assignments of the apo and the ADP-ribose bound forms of the macrodomain of SARS-CoV-2 non-structural protein 3b. <i>Biomolecular NMR Assignments</i> , <b>2020</b> , 14, 339-346	0.7	9
393	Light Dynamics of the Retinal-Disease-Relevant G90D Bovine Rhodopsin Mutant. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 15786-15794	3.6	1
392	Trendbericht Biochemie: Strukturbiologie von Sars-Cov-2 mit NMR-Spektroskopie. <i>Nachrichten Aus Der Chemie</i> , <b>2020</b> , 68, 55-58	0.1	
391	NMR Spectroscopic Characterization of the C-Mannose Conformation in a Thrombospondin Repeat Using a Selective Labeling Approach. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 20840-20846	3.6	0
390	H, C, and N backbone chemical shift assignments of the nucleic acid-binding domain of SARS-CoV-2 non-structural protein 3e. <i>Biomolecular NMR Assignments</i> , <b>2020</b> , 14, 329-333	0.7	4
389	Solution Structure and Dynamics of the Small Protein HVO_2922 from <i>Haloferax volcanii</i> . <i>ChemBioChem</i> , <b>2020</b> , 21, 149-156	3.8	6
388	More than Proton Detection-New Avenues for NMR Spectroscopy of RNA. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 102-113	4.8	11
387	Novel C-detected NMR Experiments for the Precise Detection of RNA Structure. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 9140-9144	16.4	8
386	Novel <sup>13</sup> C-detected NMR Experiments for the Precise Detection of RNA Structure. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 9238-9242	3.6	1
385	"CodonWizard" - An intuitive software tool with graphical user interface for customizable codon optimization in protein expression efforts. <i>Protein Expression and Purification</i> , <b>2019</b> , 160, 84-93	2	11
384	Modular, triple-resonance, transmission line DNP MAS probe for 500 MHz/330 GHz. <i>Journal of Magnetic Resonance</i> , <b>2019</b> , 307, 106573	3	2
383	(±)-Alternarlactones A and B, Two Antiparasitic Alternariol-like Dimers from the Fungus P1210 Isolated from the Halophyte sp. <i>Journal of Organic Chemistry</i> , <b>2019</b> , 84, 11203-11209	4.2	10
382	Metabolic Plasticity of Acute Myeloid Leukemia. <i>Cells</i> , <b>2019</b> , 8,	7.9	56
381	Molecular tuning of farnesoid X receptor partial agonism. <i>Nature Communications</i> , <b>2019</b> , 10, 2915	17.4	39
380	Identification of Eph receptor signaling as a regulator of autophagy and a therapeutic target in colorectal carcinoma. <i>Molecular Oncology</i> , <b>2019</b> , 13, 2441-2459	7.9	4

379	G-Quadruplex-Specific Cell-Permeable Guanosine-Anthracene Conjugate Inhibits Telomere Elongation and Induces Apoptosis by Repressing the Gene. <i>Bioconjugate Chemistry</i> , <b>2019</b> , 30, 3038-3045	6.3	7
378	Paramagnetic-iterative relaxation matrix approach: extracting PRE-restraints from NOESY spectra for 3D structure elucidation of biomolecules. <i>Journal of Biomolecular NMR</i> , <b>2019</b> , 73, 699-712	3	6
377	Evaluating mechanical properties of silica-coated alginate beads for immobilized biocatalysis. <i>Biochemical Engineering Journal</i> , <b>2019</b> , 141, 225-231	4.2	7
376	Combined smFRET and NMR analysis of riboswitch structural dynamics. <i>Methods</i> , <b>2019</b> , 153, 22-34	4.6	6
375	Life times of metastable states guide regulatory signaling in transcriptional riboswitches. <i>Nature Communications</i> , <b>2018</b> , 9, 944	17.4	30
374	Georatusin, a Specific Antiparasitic Polyketide-Peptide Hybrid from the Fungus <i>Geomyces auratus</i> . <i>Organic Letters</i> , <b>2018</b> , 20, 1563-1567	6.2	6
373	Structural characterization of the intrinsically disordered domain of Mycobacterium tuberculosis protein tyrosine kinase A. <i>FEBS Letters</i> , <b>2018</b> , 592, 1233-1245	3.8	3
372	Structural Characterization of the Interaction of the Fibroblast Growth Factor Receptor with a Small Molecule Allosteric Inhibitor. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 7861-7865	4.8	3
371	Human Telomeric G-Quadruplex Selective Fluoro-Isoquinolines Induce Apoptosis in Cancer Cells. <i>Bioconjugate Chemistry</i> , <b>2018</b> , 29, 1141-1154	6.3	17
370	The molecular basis of subtype selectivity of human kinin G-protein-coupled receptors. <i>Nature Chemical Biology</i> , <b>2018</b> , 14, 284-290	11.7	56
369	Modulation of the Allosteric Communication between the Polo-Box Domain and the Catalytic Domain in Plk1 by Small Compounds. <i>ACS Chemical Biology</i> , <b>2018</b> , 13, 1921-1931	4.9	8
368	On the Implication of Water on Fragment-to-Ligand Growth in Kinase Binding Thermodynamics. <i>ChemMedChem</i> , <b>2018</b> , 13, 1988-1996	3.7	7
367	Chemo-Enzymatic Synthesis of Position-Specifically Modified RNA for Biophysical Studies including Light Control and NMR Spectroscopy. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 12193-12197	3.6	10
366	Chemo-Enzymatic Synthesis of Position-Specifically Modified RNA for Biophysical Studies including Light Control and NMR Spectroscopy. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 12017-12021	16.4	27
365	Improved high-yield expression, purification and refolding of recombinant mammalian prion proteins under aerosol-free elevated biological safety conditions. <i>Protein Expression and Purification</i> , <b>2018</b> , 150, 53-60	2	
364	Investigations on the mode of action of gephyronic acid, an inhibitor of eukaryotic protein translation from myxobacteria. <i>PLoS ONE</i> , <b>2018</b> , 13, e0201605	3.7	8
363	Conformational switch in the ribosomal protein S1 guides unfolding of structured RNAs for translation initiation. <i>Nucleic Acids Research</i> , <b>2018</b> , 46, 10917-10929	20.1	8
362	Paradoxically, Most Flexible Ligand Binds Most Entropy-Favored: Intriguing Impact of Ligand Flexibility and Solvation on Drug-Kinase Binding. <i>Journal of Medicinal Chemistry</i> , <b>2018</b> , 61, 5922-5933	8.3	27

361	The domain architecture of PtkA, the first tyrosine kinase from , differs from the conventional kinase architecture. <i>Journal of Biological Chemistry</i> , <b>2018</b> , 293, 11823-11836	5.4	5
360	Protein Misfolding <b>2018</b> , 2253-2268		
359	Targeting G-quadruplex with Small Molecules: An NMR View <b>2018</b> , 2189-2210		2
358	A New Photocaged Puromycin for an Efficient Labeling of Newly Translated Proteins in Living Neurons. <i>ChemBioChem</i> , <b>2018</b> , 19, 2458-2464	3.8	11
357	Identification of primary and secondary metabolites and transcriptome profile of soybean tissues during different stages of hypoxia. <i>Data in Brief</i> , <b>2018</b> , 21, 1089-1100	1.2	3
356	Optimal Destabilization of DNA Double Strands by Single-Nucleobase Caging. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 17568-17576	4.8	10
355	Targeting RNA structure in SMN2 reverses spinal muscular atrophy molecular phenotypes. <i>Nature Communications</i> , <b>2018</b> , 9, 2032	17.4	34
354	Flooded soybean metabolomic analysis reveals important primary and secondary metabolites involved in the hypoxia stress response and tolerance. <i>Environmental and Experimental Botany</i> , <b>2018</b> , 153, 176-187	5.9	32
353	Cell penetrating thiazole peptides inhibit c-MYC expression via site-specific targeting of c-MYC G-quadruplex. <i>Nucleic Acids Research</i> , <b>2018</b> , 46, 5355-5365	20.1	53
352	NVP-BHG712: Effects of Regioisomers on the Affinity and Selectivity toward the Ephrin Family. <i>ChemMedChem</i> , <b>2018</b> , 13, 1629-1633	3.7	11
351	NMR Structural Profiling of Transcriptional Intermediates Reveals Riboswitch Regulation by Metastable RNA Conformations. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 2647-2656	16.4	27
350	Impact of spin label rigidity on extent and accuracy of distance information from PRE data. <i>Journal of Biomolecular NMR</i> , <b>2017</b> , 68, 53-63	3	8
349	In vitro production of reactive oxygen species (ROS) by sampangine. <i>Medicinal Chemistry Research</i> , <b>2017</b> , 26, 1170-1175	2.2	5
348	Beispiellose Verstärkung von Kohlenstoffsignalen in der Flüssigphasen-NMR-Spektroskopie. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 8448-8450	3.6	2
347	Probing the Conformation-Dependent Preferential Binding of Ethanol to Cationic Glycylalanyl-glycine in Water/Ethanol by Vibrational and NMR Spectroscopy. <i>Journal of Physical Chemistry B</i> , <b>2017</b> , 121, 5744-5758	3.4	11
346	Conformational dynamics and alignment properties of loop lanthanide-binding-tags (LBTs) studied in interleukin-1 $\beta$ . <i>Journal of Biomolecular NMR</i> , <b>2017</b> , 68, 187-194	3	8
345	Ligand-modulated folding of the full-length adenine riboswitch probed by NMR and single-molecule FRET spectroscopy. <i>Nucleic Acids Research</i> , <b>2017</b> , 45, 5512-5522	20.1	25
344	Solution NMR Structure of a Ligand/Hybrid-2-G-Quadruplex Complex Reveals Rearrangements that Affect Ligand Binding. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 7102-7106	16.4	36



343	Solution NMR Structure of a Ligand/Hybrid-2-G-Quadruplex Complex Reveals Rearrangements that Affect Ligand Binding. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 7208-7212	3.6	16
342	Unprecedented Carbon Signal Enhancement in Liquid-State NMR Spectroscopy. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 8332-8334	16.4	3
341	Chemoproteomics-Aided Medicinal Chemistry for the Discovery of EPHA2 Inhibitors. <i>ChemMedChem</i> , <b>2017</b> , 12, 999-1011	3.7	15
340	Light-induced antibiotic release from a coumarin-caged compound on the ultrafast timescale. <i>Physical Chemistry Chemical Physics</i> , <b>2017</b> , 19, 14835-14844	3.6	16
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