

# Julia Wirmer-Bartoschek

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2702114/publications.pdf>

Version: 2024-02-01

20  
papers

400  
citations

1040056

9  
h-index

794594

19  
g-index

22  
all docs

22  
docs citations

22  
times ranked

503  
citing authors

#	ARTICLE	IF	CITATIONS
1	<sup>1</sup> H, <sup>13</sup> C and <sup>15</sup> N chemical shift assignment of the stem-loops 5bâ€™+â€™c from the 5â€™ <sup>2</sup> -UTR of SARS-CoV-2. Biomolecular NMR Assignments, 2022, , 1.	0.8	0
2	<sup>1</sup> H, <sup>13</sup> C, and <sup>15</sup> N backbone chemical shift assignments of coronavirus-2 non-structural protein Nsp10. Biomolecular NMR Assignments, 2021, 15, 65-71.	0.8	6
3	<sup>19</sup>F NMRâ€™Based Fragment Screening for 14 Different Biologically Active RNAs and 10 DNA and Protein Counterâ€™Screens. ChemBioChem, 2021, 22, 423-433.	2.6	19
4	Synthesis and in Vitro Evaluation of Novel 5â€™Nitroindole Derivatives as câ€™Myc Gâ€™Quadruplex Binders with Anticancer Activity. ChemMedChem, 2021, 16, 1667-1679.	3.2	4
5	3D Heteronuclear Magnetization Transfers for the Establishment of Secondary Structures in SARS-CoV-2-Derived RNAs. Journal of the American Chemical Society, 2021, 143, 4942-4948.	13.7	8
6	Unraveling the Kinetics of Spare-Tire DNA G-Quadruplex Folding. Journal of the American Chemical Society, 2021, 143, 6185-6193.	13.7	17
7	Magnetization Transfer to Enhance NOE Crossâ€™Peaks among Labile Protons: Applications to Iminoâ€™Imino Sequential Walks in SARSâ€™CoVâ€™2â€™Derived RNAs. Angewandte Chemie - International Edition, 2021, 60, 11884-11891.	13.8	11
8	Large-Scale Recombinant Production of the SARS-CoV-2 Proteome for High-Throughput and Structural Biology Applications. Frontiers in Molecular Biosciences, 2021, 8, 653148.	3.5	29
9	<sup>1</sup> H, <sup>13</sup> C and <sup>15</sup> N assignment of stem-loop SL1 from the 5'-UTR of SARS-CoV-2. Biomolecular NMR Assignments, 2021, 15, 467-474.	0.8	4
10	Exploring the Druggability of Conserved RNA Regulatory Elements in the SARSâ€™CoVâ€™2 Genome. Angewandte Chemie, 2021, 133, 19340-19349.	2.0	5
11	Exploring the Druggability of Conserved RNA Regulatory Elements in the SARSâ€™CoVâ€™2 Genome. Angewandte Chemie - International Edition, 2021, 60, 19191-19200.	13.8	55
12	Secondary structure determination of conserved SARS-CoV-2 RNA elements by NMR spectroscopy. Nucleic Acids Research, 2020, 48, 12415-12435.	14.5	125
13	Targeting G-quadruplex with Small Molecules: An NMR View. , 2018, , 2189-2210.		2
14	Solution NMR Structure of a Ligand/Hybridâ€™2â€™Gâ€™Quadruplex Complex Reveals Rearrangements that Affect Ligand Binding. Angewandte Chemie - International Edition, 2017, 56, 7102-7106.	13.8	52
15	Solution NMR Structure of a Ligand/Hybridâ€™2â€™Gâ€™Quadruplex Complex Reveals Rearrangements that Affect Ligand Binding. Angewandte Chemie, 2017, 129, 7208-7212.	2.0	20
16	Targeting G-quadruplex with Small Molecules: An NMR View. , 2017, , 1-22.		0
17	Verstehen, wie DNAâ€™Enzyme arbeiten. Angewandte Chemie, 2016, 128, 5462-5464.	2.0	3
18	Progress in the Synthesis and Bioactivity of Hexacoordinate Silicon(IV) Complexes. European Journal of Inorganic Chemistry, 2016, 2016, 5161-5170.	2.0	12

#	ARTICLE	IF	CITATIONS
19	Understanding How DNA Enzymes Work. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 5376-5377.	13.8	9
20	NMR in drug discovery on membrane proteins. <i>Future Medicinal Chemistry</i> , 2012, 4, 869-875.	2.3	4