

Julia Wirmer-Bartoschek

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

400
citations

1040056

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g-index

22
all docs

22
docs citations

22
times ranked

503
citing authors

#	ARTICLE	IF	CITATIONS
1	Secondary structure determination of conserved SARS-CoV-2 RNA elements by NMR spectroscopy. <i>Nucleic Acids Research</i> , 2020, 48, 12415-12435.	14.5	125
2	Exploring the Druggability of Conserved RNA Regulatory Elements in the SARS-CoV-2 Genome. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 19191-19200.	13.8	55
3	Solution NMR Structure of a Ligand/Hybrid G-Quadruplex Complex Reveals Rearrangements that Affect Ligand Binding. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 7102-7106.	13.8	52
4	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.	3.5	29
5	Solution NMR Structure of a Ligand/Hybrid G-Quadruplex Complex Reveals Rearrangements that Affect Ligand Binding. <i>Angewandte Chemie</i> , 2017, 129, 7208-7212.	2.0	20
6	¹⁹ F NMR-Based Fragment Screening for 14 Different Biologically Active RNAs and 10 DNA and Protein Counter-Screens. <i>ChemBioChem</i> , 2021, 22, 423-433.	2.6	19
7	Unraveling the Kinetics of Spare-Tire DNA G-Quadruplex Folding. <i>Journal of the American Chemical Society</i> , 2021, 143, 6185-6193.	13.7	17
8	Progress in the Synthesis and Bioactivity of Hexacoordinate Silicon(IV) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 5161-5170.	2.0	12
9	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> , 2021, 60, 11884-11891.	13.8	11
10	Understanding How DNA Enzymes Work. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 5376-5377.	13.8	9
11	3D Heteronuclear Magnetization Transfers for the Establishment of Secondary Structures in SARS-CoV-2-Derived RNAs. <i>Journal of the American Chemical Society</i> , 2021, 143, 4942-4948.	13.7	8
12	¹ H, ¹³ C, and ¹⁵ N backbone chemical shift assignments of coronavirus-2 non-structural protein Nsp10. <i>Biomolecular NMR Assignments</i> , 2021, 15, 65-71.	0.8	6
13	Exploring the Druggability of Conserved RNA Regulatory Elements in the SARS-CoV-2 Genome. <i>Angewandte Chemie</i> , 2021, 133, 19340-19349.	2.0	5
14	NMR in drug discovery on membrane proteins. <i>Future Medicinal Chemistry</i> , 2012, 4, 869-875.	2.3	4
15	Synthesis and in Vitro Evaluation of Novel 5-Nitroindole Derivatives as Myc G-Quadruplex Binders with Anticancer Activity. <i>ChemMedChem</i> , 2021, 16, 1667-1679.	3.2	4
16	¹ H, ¹³ C and ¹⁵ N assignment of stem-loop SL1 from the 5'-UTR of SARS-CoV-2. <i>Biomolecular NMR Assignments</i> , 2021, 15, 467-474.	0.8	4
17	Verstehen, wie DNA-Enzyme arbeiten. <i>Angewandte Chemie</i> , 2016, 128, 5462-5464.	2.0	3
18	Targeting G-quadruplex with Small Molecules: An NMR View. , 2018, , 2189-2210.		2

#	ARTICLE	IF	CITATIONS
19	Targeting G-quadruplex with Small Molecules: An NMR View. , 2017, , 1-22.		0
20	¹ H, ¹³ C and ¹⁵ N chemical shift assignment of the stem-loops 5'â€¦â€¦c from the 5'â€²-UTR of SARS-CoV-2. Biomolecular NMR Assignments, 2022, , 1.	0.8	0