

Alexander Marchanka

List of Publications by Citations

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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.

14
papers

202
citations

8
h-index

14
g-index

16
ext. papers

258
ext. citations

7.2
avg, IF

3.61
L-index

#	Paper	IF	Citations
14	RNA structure determination by solid-state NMR spectroscopy. <i>Nature Communications</i> , 2015 , 6, 7024	17.4	58
13	Microbial reduction of ferrihydrite-organic matter coprecipitates by <i>Shewanella putrefaciens</i> and <i>Geobacter metallireducens</i> in comparison to mediated electrochemical reduction. <i>Chemical Geology</i> , 2016 , 447, 133-147	4.2	28
12	A suite of solid-state NMR experiments for RNA intranucleotide resonance assignment in a 21 kDa protein-RNA complex. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 9996-10001	16.4	27
11	Rapid access to RNA resonances by proton-detected solid-state NMR at >100 kHz MAS. <i>Chemical Communications</i> , 2018 , 54, 8972-8975	5.8	21
10	Isotope labeling for studying RNA by solid-state NMR spectroscopy. <i>Journal of Biomolecular NMR</i> , 2018 , 71, 151-164	3	18
9	Structure of a Protein-RNA Complex by Solid-State NMR Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 6866-6873	16.4	11
8	A Suite of Solid-State NMR Experiments for RNA Intranucleotide Resonance Assignment in a 21 kDa Protein-RNA Complex. <i>Angewandte Chemie</i> , 2013 , 125, 10180-10185	3.6	9
7	Solid-State NMR Spectroscopy of RNA. <i>Methods in Enzymology</i> , 2019 , 615, 333-371	1.7	9
6	Solid-State NMR and RNA Structure: A New Partnership? 2014 , 119-128		7
5	Solid-state NMR spectroscopy for characterization of RNA and RNP complexes. <i>Biochemical Society Transactions</i> , 2020 , 48, 1077-1087	5.1	4
4	Structure of a Protein-RNA Complex by Solid-State NMR Spectroscopy. <i>Angewandte Chemie</i> , 2020 , 132, 6933-6940	3.6	3
3	Identification of RNA Base Pairs and Complete Assignment of Nucleobase Resonances by Proton-Detected Solid-State NMR Spectroscopy at 100 kHz MAS. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 23903-23910	16.4	3
2	Strategies for RNA Resonance Assignment by C/N- and H-Detected Solid-State NMR Spectroscopy. <i>Frontiers in Molecular Biosciences</i> , 2021 , 8, 743181	5.6	2
1	A Solid View on RNA: Solid-State NMR of RNA and RNP Complexes. <i>Biophysical Journal</i> , 2018 , 114, 366a	2.9	2