

Maksim V Sednev

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.

16
papers

350
citations

9
h-index

17
g-index

17
ext. papers

428
ext. citations

8.7
avg, IF

3.64
L-index

#	Paper	IF	Citations
16	In Vitro Selection of Deoxyribozymes for the Detection of RNA Modifications. <i>Methods in Molecular Biology</i> , 2022 , 167-179	1.4	
15	RNA-Cleaving Deoxyribozymes Differentiate Methylated Cytidine Isomers in RNA. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 19058-19062	16.4	5
14	NOseq: amplicon sequencing evaluation method for RNA m6A sites after chemical deamination. <i>Nucleic Acids Research</i> , 2021 , 49, e23	20.1	12
13	RNA-Cleaving Deoxyribozymes Differentiate Methylated Cytidine Isomers in RNA. <i>Angewandte Chemie</i> , 2021 , 133, 19206-19210	3.6	0
12	Machine learning of reverse transcription signatures of variegated polymerases allows mapping and discrimination of methylated purines in limited transcriptomes. <i>Nucleic Acids Research</i> , 2020 , 48, 3734-3746	20.1	20
11	N-Isopentenyladenosine in RNA Determines the Cleavage Site of Endonuclease Deoxyribozymes. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 18627-18631	16.4	6
10	Everlasting rhodamine dyes and true deciding factors in their STED microscopy performance. <i>Photochemical and Photobiological Sciences</i> , 2020 , 19, 1677-1689	4.2	0
9	N6-Isopentenyladenosine in RNA Determines the Cleavage Site of Endonuclease Deoxyribozymes. <i>Angewandte Chemie</i> , 2020 , 132, 18786-18790	3.6	3
8	PONy Dyes: Direct Addition of P(III) Nucleophiles to Organic Fluorophores. <i>Organic Letters</i> , 2018 , 20, 1261-1264	6.2	23
7	N-Methyladenosine-Sensitive RNA-Cleaving Deoxyribozymes. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 15117-15121	16.4	25
6	N6-Methyladenosine-Sensitive RNA-Cleaving Deoxyribozymes. <i>Angewandte Chemie</i> , 2018 , 130, 15337-15341	16.4	8
5	"Reduced" Coumarin Dyes with an O-Phosphorylated 2,2-Dimethyl-4-(hydroxymethyl)-1,2,3,4-tetrahydroquinoline Fragment: Synthesis, Spectra, and STED Microscopy. <i>Chemistry - A European Journal</i> , 2016 , 22, 11631-42	4.8	17
4	Fluorescent dyes with large Stokes shifts for super-resolution optical microscopy of biological objects: a review. <i>Methods and Applications in Fluorescence</i> , 2015 , 3, 042004	3.1	121
3	Carborhodol: a new hybrid fluorophore obtained by combination of fluorescein and carbopyronine dye cores. <i>Bioconjugate Chemistry</i> , 2013 , 24, 690-700	6.3	27
2	Masked red-emitting carbopyronine dyes with photosensitive 2-diazo-1-indanone caging group. <i>Photochemical and Photobiological Sciences</i> , 2012 , 11, 522-32	4.2	43
1	Phosphorylated 3-heteroaryl coumarins and their use in fluorescence microscopy and nanoscopy. <i>Chemistry - A European Journal</i> , 2012 , 18, 16339-48	4.8	40