

Maksim V Sednev

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

511
citations

840119

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940134

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17
all docs

17
docs citations

17
times ranked

837
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	1.1	168
2	Masked red-emitting carbopyronine dyes with photosensitive 2-diazo-1-indanone caging group. <i>Photochemical and Photobiological Sciences</i> , 2012, 11, 522-532.	1.6	50
3	Phosphorylated 3-Heteroarylcoumarins and Their Use in Fluorescence Microscopy and Nanoscopy. <i>Chemistry - A European Journal</i> , 2012, 18, 16339-16348.	1.7	48
4	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.	6.5	45
5	⁶ N ⁶ -Methyladenosine-sensitive RNA-cleaving Deoxyribozymes. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 15117-15121.	7.2	39
6	Carborhodol: A New Hybrid Fluorophore Obtained by Combination of Fluorescein and Carbopyronine Dye Cores. <i>Bioconjugate Chemistry</i> , 2013, 24, 690-700.	1.8	34
7	PONy Dyes: Direct Addition of P(III) Nucleophiles to Organic Fluorophores. <i>Organic Letters</i> , 2018, 20, 1261-1264.	2.4	27
8	NOseq: amplicon sequencing evaluation method for RNA m6A sites after chemical deamination. <i>Nucleic Acids Research</i> , 2021, 49, e23-e23.	6.5	25
9	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, 11631-11642.	1.7	20
10	⁶ N ⁶ -Isopentenyladenosine in RNA Determines the Cleavage Site of Endonuclease Deoxyribozymes. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 18627-18631.	7.2	16
11	RNA-cleaving Deoxyribozymes Differentiate Methylated Cytidine Isomers in RNA. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 19058-19062.	7.2	13
12	N ⁶ -Methyladenosine-sensitive RNA-cleaving Deoxyribozymes. <i>Angewandte Chemie</i> , 2018, 130, 15337-15341	1.6	11
13	Everlasting rhodamine dyes and true deciding factors in their STED microscopy performance. <i>Photochemical and Photobiological Sciences</i> , 2020, 19, 1677-1689.	1.6	5
14	High-Throughput Activity Profiling of RNA-Cleaving DNA Catalysts by Deoxyribozyme Sequencing (DZ-seq). <i>Journal of the American Chemical Society</i> , 2022, 144, 2090-2094.	6.6	5
15	N ⁶ -Isopentenyladenosine in RNA Determines the Cleavage Site of Endonuclease Deoxyribozymes. <i>Angewandte Chemie</i> , 2020, 132, 18786-18790.	1.6	4
16	RNA-cleaving Deoxyribozymes Differentiate Methylated Cytidine Isomers in RNA. <i>Angewandte Chemie</i> , 2021, 133, 19206-19210.	1.6	1