

Fusheng Shen

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

322
citations

1307594

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1281871

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docs citations

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503
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure-guided development of Pb ²⁺ -binding DNA aptamers. <i>Scientific Reports</i> , 2022, 12, 460.	3.3	8
2	Base pairing, structural and functional insights into N ⁴ -methylcytidine (m ⁴ C) and N ⁴ ,N ⁴ -dimethylcytidine (m ⁴ 2C) modified RNA. <i>Nucleic Acids Research</i> , 2020, 48, 10087-10100.	14.5	12
3	Short DNA Oligonucleotide as a Ag ⁺ Binding Detector. <i>ACS Omega</i> , 2020, 5, 28565-28570.	3.5	8
4	Cyano Modification on Uridine Decreases Base Pairing Stability and Specificity through Neighboring Disruption in RNA Duplex. <i>ChemBioChem</i> , 2018, 19, 2558-2565.	2.6	2
5	High-resolution DNA quadruplex structure containing all the A-, G-, C-, T-tetrads. <i>Nucleic Acids Research</i> , 2018, 46, 11627-11638.	14.5	24
6	A DNA Structure Containing Ag ⁺ -Mediated G:G and C:C Base Pairs. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 9430-9434.	13.8	60
7	A DNA Structure Containing Ag ⁺ -Mediated G:G and C:C Base Pairs. <i>Angewandte Chemie</i> , 2017, 129, 9558-9562.	2.0	21
8	Structural insights into RNA duplexes with multiple 2 [′] -5 [′] -linkages. <i>Nucleic Acids Research</i> , 2016, 45, gkw1307.	14.5	10
9	Multiplexed Activity of perAurixidase: DNA-Capped AuNPs Act as Adjustable Peroxidase. <i>Analytical Chemistry</i> , 2016, 88, 600-605.	6.5	154
10	Water-bridged hydrogen bond formation between 5-hydroxymethylcytosine (5-hmC) and its 3 [′] -neighbouring bases in A- and B-form DNA duplexes. <i>Chemical Communications</i> , 2015, 51, 16389-16392.	4.1	4
11	Synthesis and base pairing studies of geranylated 2-thiothymidine, a natural variant of thymidine. <i>Chemical Communications</i> , 2015, 51, 16369-16372.	4.1	19