

Fusheng Shen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10415035/publications.pdf>

Version: 2024-02-01

11
papers

322
citations

1307594

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1281871

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503
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Multiplexed Activity of perAoxidase: DNA-Capped AuNPs Act as Adjustable Peroxidase. Analytical Chemistry, 2016, 88, 600-605. | 6.5 | 154 |
| 2 | A DNA Structure Containing Ag ^I -Mediated G:G and C:C Base Pairs. Angewandte Chemie - International Edition, 2017, 56, 9430-9434. | 13.8 | 60 |
| 3 | High-resolution DNA quadruplex structure containing all the A-, G-, C-, T-tetrads. Nucleic Acids Research, 2018, 46, 11627-11638. | 14.5 | 24 |
| 4 | A DNA Structure Containing Ag ^I -Mediated G:G and C:C Base Pairs. Angewandte Chemie, 2017, 129, 9558-9562. | 2.0 | 21 |
| 5 | Synthesis and base pairing studies of geranylated 2-thiothymidine, a natural variant of thymidine. Chemical Communications, 2015, 51, 16369-16372. | 4.1 | 19 |
| 6 | Base pairing, structural and functional insights into N4-methylcytidine (m4C) and N4,N4-dimethylcytidine (m42C) modified RNA. Nucleic Acids Research, 2020, 48, 10087-10100. | 14.5 | 12 |
| 7 | Structural insights into RNA duplexes with multiple 2 ⁵ -linkages. Nucleic Acids Research, 2016, 45, gkw1307. | 14.5 | 10 |
| 8 | Short DNA Oligonucleotide as a Ag ⁺ Binding Detector. ACS Omega, 2020, 5, 28565-28570. | 3.5 | 8 |
| 9 | Structure-guided development of Pb ²⁺ -binding DNA aptamers. Scientific Reports, 2022, 12, 460. | 3.3 | 8 |
| 10 | Water-bridged hydrogen bond formation between 5-hydroxymethylcytosine (5-hmC) and its 3 ² -neighbouring bases in A- and B-form DNA duplexes. Chemical Communications, 2015, 51, 16389-16392. | 4.1 | 4 |
| 11 | Cyano Modification on Uridine Decreases Base-Pairing Stability and Specificity through Neighboring Disruption in RNA Duplex. ChemBioChem, 2018, 19, 2558-2565. | 2.6 | 2 |