

Sangita Talukdar

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

186
citations

1307594

7
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

179
citing authors

#	ARTICLE	IF	CITATIONS
1	Triazolyl Donor/Acceptor Chromophore Decorated Unnatural Nucleosides and Oligonucleotides with Duplex Stability Comparable to That of a Natural Adenine/Thymine Pair. <i>Journal of Organic Chemistry</i> , 2013, 78, 278-291.	3.2	31
2	Fluorometric sensing of Cu ²⁺ ion with smart fluorescence light-up probe, triazolylpyrene (TNDMBPy). <i>Tetrahedron Letters</i> , 2012, 53, 5875-5879.	1.4	30
3	Excitonically Coupled Cyclic BF ₂ Arrays of Calix[8] and Calix[16]phyrin as Near-IR Chromophores. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 13063-13070.	13.8	29
4	Metal catalyst-free photo-induced alkyl C=O bond borylation. <i>Chemical Communications</i> , 2020, 56, 10219-10222.	4.1	17
5	Tetrazolylpyrene unnatural nucleoside as a human telomeric multimeric G-quadruplex selective switch-on fluorescent sensor. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 10145-10150.	2.8	16
6	Regioselective and stereoselective route to N2- ¹² C-tetrazolyl unnatural nucleosides via SN ₂ reaction at the anomeric center of Hoffer's chlorosugar. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 2044-2050.	2.2	13
7	Donor/acceptor chromophores-decorated triazolyl unnatural nucleosides: synthesis, photophysical properties and study of interaction with BSA. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 5088-5108.	2.8	12
8	Unnatural triazolyl nucleoside stabilizes an abasic site containing DNA duplex equally as the stabilization of a natural A-T pair. <i>RSC Advances</i> , 2013, 3, 21352.	3.6	8
9	Dual door entry to exciplex emission in a chimeric DNA duplex containing non-nucleoside nucleoside pair. <i>Chemical Communications</i> , 2014, 50, 829-832.	4.1	8
10	Trifunctional fluorescent unnatural nucleoside: Label free detection of T-T/C-C base mismatches, abasic site and bulge DNA. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 173, 165-169.	3.8	8
11	Excitonically Coupled Cyclic BF ₂ Arrays of Calix[8] and Calix[16]phyrin as Near-IR Chromophores. <i>Angewandte Chemie</i> , 2020, 132, 13163-13170.	2.0	7
12	Design and Synthesis of Triazolyl Donor/Acceptor Unnatural Nucleosides and Oligonucleotide Probes Containing Triazolyl Phenanthrene Nucleoside. <i>Current Protocols in Nucleic Acid Chemistry</i> , 2014, 58, 1.32.1-27.	0.5	4
13	Stabilization of an abasic site paired against an unnatural triazolyl nitrobenzene nucleoside. <i>Biophysical Chemistry</i> , 2020, 264, 106428.	2.8	3