

Arun Shivalingam

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

687
citations

687363

13
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

1160
citing authors

#	ARTICLE	IF	CITATIONS
1	High-resolution targeted 3C interrogation of cis-regulatory element organization at genome-wide scale. <i>Nature Communications</i> , 2021, 12, 531.	12.8	32
2	A New 1,5-Disubstituted Triazole DNA Backbone Mimic with Enhanced Polymerase Compatibility. <i>Journal of the American Chemical Society</i> , 2021, 143, 16293-16301.	13.7	7
3	Split-and-Click sgRNA. <i>Methods in Molecular Biology</i> , 2021, 2162, 61-78.	0.9	1
4	Squaramides and Ureas: A Flexible Approach to Polymerase-Compatible Nucleic Acid Assembly. <i>Angewandte Chemie</i> , 2020, 132, 11513-11519.	2.0	1
5	Dynamics of the 4D genome during in vivo lineage specification and differentiation. <i>Nature Communications</i> , 2020, 11, 2722.	12.8	79
6	Squaramides and Ureas: A Flexible Approach to Polymerase-Compatible Nucleic Acid Assembly. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 11416-11422.	13.8	8
7	An artificial triazole backbone linkage provides a split-and-click strategy to bioactive chemically modified CRISPR sgRNA. <i>Nature Communications</i> , 2019, 10, 1610.	12.8	48
8	Searching for avidity by chemical ligation of combinatorially self-assembled DNA-encoded ligand libraries. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 48-52.	2.8	0
9	Molecular Requirements of High-Fidelity Replication-Competent DNA Backbones for Orthogonal Chemical Ligation. <i>Journal of the American Chemical Society</i> , 2017, 139, 1575-1583.	13.7	28
10	Studies of G-quadruplexes formed within self-assembled DNA mini-circles. <i>Chemical Communications</i> , 2016, 52, 12454-12457.	4.1	15
11	NMR Structure of a Triangulenium-Based Long-Lived Fluorescence Probe Bound to a G-Quadruplex. <i>Angewandte Chemie</i> , 2016, 128, 12696-12699.	2.0	14
12	NMR Structure of a Triangulenium-Based Long-Lived Fluorescence Probe Bound to a G-Quadruplex. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 12508-12511.	13.8	59
13	Synthesis of chemically modified DNA. <i>Biochemical Society Transactions</i> , 2016, 44, 709-715.	3.4	16
14	Trianguleniums as Optical Probes for G-Quadruplexes: A Photophysical, Electrochemical, and Computational Study. <i>Chemistry - A European Journal</i> , 2016, 22, 4129-4139.	3.3	29
15	The interactions between a small molecule and G-quadruplexes are visualized by fluorescence lifetime imaging microscopy. <i>Nature Communications</i> , 2015, 6, 8178.	12.8	192
16	Syntheses of polypyridyl metal complexes and studies of their interaction with quadruplex DNA. <i>Dalton Transactions</i> , 2015, 44, 3686-3700.	3.3	70
17	Molecular Recognition and Scavenging of Arsenate from Aqueous Solution Using Dimetallic Receptors. <i>Chemistry - A European Journal</i> , 2014, 20, 17168-17177.	3.3	18
18	Salphen metal complexes as tunable G-quadruplex binders and optical probes. <i>RSC Advances</i> , 2014, 4, 3355-3363.	3.6	70