

Khalid K Alam

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

868
citations

933447

10
h-index

1199594

12
g-index

18
all docs

18
docs citations

18
times ranked

973
citing authors

#	ARTICLE	IF	CITATIONS
1	ROSALIND: Rapid Detection of Chemical Contaminants with Factor-Based. <i>Methods in Molecular Biology</i> , 2022, 2433, 325-342.	0.9	3
2	Programming cell-free biosensors with DNA strand displacement circuits. <i>Nature Chemical Biology</i> , 2022, 18, 385-393.	8.0	59
3	Design of a Transcriptional Biosensor for the Portable, On-Demand Detection of Cyanuric Acid. <i>ACS Synthetic Biology</i> , 2020, 9, 84-94.	3.8	51
4	2-Fluoro-modified pyrimidines enhance affinity of RNA oligonucleotides to HIV-1 reverse transcriptase. <i>Rna</i> , 2020, 26, 1667-1679.	3.5	16
5	Cell-free biosensors for rapid detection of water contaminants. <i>Nature Biotechnology</i> , 2020, 38, 1451-1459.	17.5	221
6	Design and Optimization of a Cell-Free Atrazine Biosensor. <i>ACS Synthetic Biology</i> , 2020, 9, 671-677.	3.8	75
7	A primer on emerging field-deployable synthetic biology tools for global water quality monitoring. <i>Npj Clean Water</i> , 2020, 3, .	8.0	53
8	Poly-Target Selection Identifies Broad-Spectrum RNA Aptamers. <i>Molecular Therapy - Nucleic Acids</i> , 2018, 13, 605-619.	5.1	16
9	Modular cell-internalizing aptamer nanostructure enables targeted delivery of large functional RNAs in cancer cell lines. <i>Nature Communications</i> , 2018, 9, 2283.	12.8	46
10	A Fluorescent Split Aptamer for Visualizing RNA-RNA Assembly <i>In Vivo</i> . <i>ACS Synthetic Biology</i> , 2017, 6, 1710-1721.	3.8	97
11	<i>In Vivo</i> Analysis of Infectivity, Fusogenicity, and Incorporation of a Mutagenic Viral Glycoprotein Library Reveals Determinants for Virus Incorporation. <i>Journal of Virology</i> , 2016, 90, 6502-6514.	3.4	6
12	FASTAptamer: A Bioinformatic Toolkit for High-throughput Sequence Analysis of Combinatorial Selections. <i>Molecular Therapy - Nucleic Acids</i> , 2015, 4, e230.	5.1	189