

Shuichi Hoshika

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1977704/publications.pdf>

Version: 2024-02-01

9
papers

796
citations

1163117

8
h-index

1474206

9
g-index

9
all docs

9
docs citations

9
times ranked

878
citing authors

#	ARTICLE	IF	CITATIONS
1	Hachimoji DNA and RNA: A genetic system with eight building blocks. <i>Science</i> , 2019, 363, 884-887.	12.6	337
2	Evolution of Functional Six-Nucleotide DNA. <i>Journal of the American Chemical Society</i> , 2015, 137, 6734-6737.	13.7	185
3	Alternative Watson-Crick Synthetic Genetic Systems. <i>Cold Spring Harbor Perspectives in Biology</i> , 2016, 8, a023770.	5.5	83
4	An Aptamer-Nanotrainer Assembled from Six-Letter DNA Delivers Doxorubicin Selectively to Liver Cancer Cells. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 663-668.	13.8	61
5	Transcription, Reverse Transcription, and Analysis of RNA Containing Artificial Genetic Components. <i>ACS Synthetic Biology</i> , 2015, 4, 407-413.	3.8	46
6	Confluence of theory and experiment reveals the catalytic mechanism of the Varkud satellite ribozyme. <i>Nature Chemistry</i> , 2020, 12, 193-201.	13.6	33
7	Ribonucleosides for an Artificially Expanded Genetic Information System. <i>Journal of Organic Chemistry</i> , 2014, 79, 3194-3199.	3.2	25
8	Snapshots of an evolved DNA polymerase pre- and post-incorporation of an unnatural nucleotide. <i>Nucleic Acids Research</i> , 2018, 46, 7977-7988.	14.5	18
9	An Aptamer-Nanotrainer Assembled from Six-Letter DNA Delivers Doxorubicin Selectively to Liver Cancer Cells. <i>Angewandte Chemie</i> , 2020, 132, 673-678.	2.0	8