

Ruirui Sun

List of Publications by Year in descending order

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7
papers

211
citations

1478458

6
h-index

1720014

7
g-index

7
all docs

7
docs citations

7
times ranked

349
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonspecific interactions between SpCas9 and dsDNA sites located downstream of the PAM mediate facilitated diffusion to accelerate target search. <i>Chemical Science</i> , 2021, 12, 12776-12784.	7.4	8
2	Pseudoknot length modulates the folding, conformational dynamics, and robustness of Xrn1 resistance of flaviviral xrRNAs. <i>Nature Communications</i> , 2021, 12, 6417.	12.8	15
3	Conformational Dynamics and Cleavage Sites of Cas12a Are Modulated by Complementarity between crRNA and DNA. <i>IScience</i> , 2019, 19, 492-503.	4.1	33
4	The Conformational Dynamics of Cas9 Governing DNA Cleavage Are Revealed by Single-Molecule FRET. <i>Cell Reports</i> , 2018, 22, 372-382.	6.4	94
5	Translocation kinetics and structural dynamics of ribosomes are modulated by the conformational plasticity of downstream pseudoknots. <i>Nucleic Acids Research</i> , 2018, 46, 9736-9748.	14.5	26
6	Single-Molecule Photoactivation FRET: A General and Easy-To-Implement Approach To Break the Concentration Barrier. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 6882-6885.	13.8	31
7	Single-Molecule Photoactivation FRET: A General and Easy-To-Implement Approach To Break the Concentration Barrier. <i>Angewandte Chemie</i> , 2017, 129, 6986-6989.	2.0	4