

Xijun Piao

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

445
citations

759233

12
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

520
citing authors

#	ARTICLE	IF	CITATIONS
1	Site-Specific and Enzymatic Cross-Linking of sgRNA Enables Wavelength-Selectable Photoactivated Control of CRISPR Gene Editing. <i>Journal of the American Chemical Society</i> , 2022, 144, 4487-4495.	13.7	18
2	Multiplexed Photoactivation of mRNA with Single-Cell Resolution. <i>ACS Chemical Biology</i> , 2020, 15, 1773-1779.	3.4	24
3	RNA Nanotechnology to Solubilize Hydrophobic Antitumor Drug for Targeted Delivery. <i>Advanced Science</i> , 2019, 6, 1900951.	11.2	23
4	Methods for construction and characterization of simple or special multifunctional RNA nanoparticles based on the 3WJ of phi29 DNA packaging motor. <i>Methods</i> , 2018, 143, 121-133.	3.8	16
5	Assessment and comparison of thermal stability of phosphorothioate-DNA, DNA, RNA, 2'-F RNA, and LNA in the context of Phi29 pRNA 3WJ. <i>Rna</i> , 2018, 24, 67-76.	3.5	41
6	Excited-State Dynamics of Melamine and Its Lysine Derivative Investigated by Femtosecond Transient Absorption Spectroscopy. <i>Molecules</i> , 2016, 21, 1645.	3.8	15
7	Peptide Ligation and RNA Cleavage via an Abiotic Template Interface. <i>Journal of the American Chemical Society</i> , 2015, 137, 3751-3754.	13.7	18
8	Bifacial PNA Complexation Inhibits Enzymatic Access to DNA and RNA. <i>ChemBioChem</i> , 2014, 15, 31-36.	2.6	20
9	Bifacial Peptide Nucleic Acid as an Allosteric Switch for Aptamer and Ribozyme Function. <i>Journal of the American Chemical Society</i> , 2014, 136, 7265-7268.	13.7	42
10	Bifacial Peptide Nucleic Acid Directs Cooperative Folding and Assembly of Binary, Ternary, and Quaternary DNA Complexes. <i>Biochemistry</i> , 2013, 52, 6313-6323.	2.5	37
11	Discrete Assembly of Synthetic Peptide-DNA Triplex Structures from Polyvalent Melamine-Thymine Bifacial Recognition. <i>Journal of the American Chemical Society</i> , 2012, 134, 832-835.	13.7	78
12	Multiresponsive Switchable Diarylethene and Its Application in Bioimaging. <i>Organic Letters</i> , 2009, 11, 3818-3821.	4.6	113