

Jacob L Litke

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

577
citations

1307594

7
h-index

1372567

10
g-index

12
all docs

12
docs citations

12
times ranked

612
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly efficient expression of circular RNA aptamers in cells using autocatalytic transcripts. <i>Nature Biotechnology</i> , 2019, 37, 667-675.	17.5	205
2	Imaging metabolite dynamics in living cells using a Spinach-based riboswitch. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E2756-65.	7.1	170
3	Fluorophore-Promoted RNA Folding and Photostability Enables Imaging of Single <i>Broccolii</i> -Tagged mRNAs in Live Mammalian Cells. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 4511-4518.	13.8	66
4	Imaging Intracellular <i>S</i> -Adenosyl Methionine Dynamics in Live Mammalian Cells with a Genetically Encoded Red Fluorescent RNA-Based Sensor. <i>Journal of the American Chemical Society</i> , 2020, 142, 14117-14124.	13.7	51
5	Detection of Low-Abundance Metabolites in Live Cells Using an RNA Integrator. <i>Cell Chemical Biology</i> , 2019, 26, 471-481.e3.	5.2	35
6	Developing Fluorogenic Riboswitches for Imaging Metabolite Concentration Dynamics in Bacterial Cells. <i>Methods in Enzymology</i> , 2016, 572, 315-333.	1.0	19
7	Naturally occurring three-way junctions can be repurposed as genetically encoded RNA-based sensors. <i>Cell Chemical Biology</i> , 2021, 28, 1569-1580.e4.	5.2	12
8	Probing the Ion Binding Site in a DNA Holliday Junction Using Förster Resonance Energy Transfer (FRET). <i>International Journal of Molecular Sciences</i> , 2016, 17, 366.	4.1	7
9	Fluorophore-Promoted RNA Folding and Photostability Enables Imaging of Single <i>Broccolii</i> -Tagged mRNAs in Live Mammalian Cells. <i>Angewandte Chemie</i> , 2020, 132, 4541-4548.	2.0	7
10	Trans ligation of RNAs to generate hybrid circular RNAs using highly efficient autocatalytic transcripts. <i>Methods</i> , 2021, 196, 104-112.	3.8	5
11	Probing the Ion-Binding Site of the Holliday Junction. <i>Biophysical Journal</i> , 2011, 100, 322a.	0.5	0
12	Structure of DNA Four-Way Junctions: Effect of Ions and Proteins. <i>Biophysical Journal</i> , 2012, 102, 75a.	0.5	0