

Fu-Sen Liang

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,207
citations

623734

14
h-index

526287

27
g-index

28
all docs

28
docs citations

28
times ranked

2002
citing authors

#	ARTICLE	IF	CITATIONS
1	Inducible and reversible RNA N6-methyladenosine editing. <i>Nature Communications</i> , 2022, 13, 1958.	12.8	21
2	On demand CRISPR-mediated RNA N6-methyladenosine editing. <i>Genes and Diseases</i> , 2022, 9, 1389-1390.	3.4	3
3	RNA Epigenetics and Epitranscriptomics: The Emerging Gene Regulatory Landscape Through RNA Modifications. , 2022, , .		0
4	Investigating crosstalk between H3K27 acetylation and H3K4 trimethylation in CRISPR/dCas-based epigenome editing and gene activation. <i>Scientific Reports</i> , 2021, 11, 15912.	3.3	29
5	Chemical and Light Inducible Epigenome Editing. <i>International Journal of Molecular Sciences</i> , 2020, 21, 998.	4.1	10
6	Bifunctional small molecule-oligonucleotide hybrid as microRNA inhibitor. <i>Bioorganic and Medicinal Chemistry</i> , 2020, 28, 115394.	3.0	5
7	miRNA inhibition by proximity-enabled Dicer inactivation. <i>Methods</i> , 2019, 167, 117-123.	3.8	11
8	Cyclic Peptidomimetics as Inhibitor for miR-155 Biogenesis. <i>Molecular Pharmaceutics</i> , 2019, 16, 914-920.	4.6	20
9	Chemical Inducible dCas9-Guided Editing of H3K27 Acetylation in Mammalian Cells. <i>Methods in Molecular Biology</i> , 2018, 1767, 429-445.	0.9	5
10	Self-Reporting Chemically Induced Protein Proximity System Based on a Malachite Green Derivative and the L5** Fluorogen Activating Protein. <i>Bioconjugate Chemistry</i> , 2018, 29, 3010-3015.	3.6	5
11	Design, synthesis and activity of light deactivatable microRNA inhibitor. <i>Bioorganic Chemistry</i> , 2018, 80, 492-497.	4.1	9
12	A chemically induced proximity system engineered from the plant auxin signaling pathway. <i>Chemical Science</i> , 2018, 9, 5822-5827.	7.4	9
13	Engineering Iron Responses in Mammalian Cells by Signal-Induced Protein Proximity. <i>ACS Synthetic Biology</i> , 2017, 6, 921-927.	3.8	12
14	Regulating miRNA-21 Biogenesis By Bifunctional Small Molecules. <i>Journal of the American Chemical Society</i> , 2017, 139, 4987-4990.	13.7	45
15	Chemically Controlled Epigenome Editing through an Inducible dCas9 System. <i>Journal of the American Chemical Society</i> , 2017, 139, 11337-11340.	13.7	54
16	Reaction-Based "On-Off" Fluorescent Probe Enabling Detection of Endogenous Labile Fe ²⁺ and Imaging of Zn ²⁺ -induced Fe ²⁺ Flux in Living Cells and Elevated Fe ²⁺ in Ischemic Stroke. <i>Bioconjugate Chemistry</i> , 2016, 27, 302-308.	3.6	59
17	Constructing <i>de Novo</i> H ₂ O ₂ Signaling via Induced Protein Proximity. <i>ACS Chemical Biology</i> , 2015, 10, 1404-1410.	3.4	14
18	Light Control of Cellular Processes by Using Photocaged Abscisic Acid. <i>ChemBioChem</i> , 2015, 16, 254-261.	2.6	41

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19	Facile functionalization of FK506 for biological studies by the thiol-ene "click" reaction. RSC Advances, 2014, 4, 11400.	3.6	10
20	Engineering the ABA Plant Stress Pathway for Regulation of Induced Proximity. Science Signaling, 2011, 4, rs2.	3.6	210
21	The early heart remodelled. Nature, 2009, 459, 654-655.	27.8	9
22	Epoxide opening in water and screening in situ for rapid discovery of enzyme inhibitors in microtiter plates. Bioorganic and Medicinal Chemistry, 2006, 14, 1058-1062.	3.0	13
23	Evaluation of RNA-binding specificity of aminoglycosides with DNA microarrays. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 12311-12316.	7.1	8
24	Dual Effect of Synthetic Aminoglycosides: Antibacterial Activity against Bacillus anthracis and Inhibition of Anthrax Lethal Factor. Angewandte Chemie - International Edition, 2005, 44, 447-452.	13.8	63
25	Small molecules targeting severe acute respiratory syndrome human coronavirus. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 10012-10017.	7.1	458
26	Targeting RNAs with Tobramycin Analogues. Angewandte Chemie - International Edition, 2004, 43, 6496-6500.	13.8	27
27	Inhibition of the Proteolytic Activity of Anthrax Lethal Factor by Aminoglycosides. Journal of the American Chemical Society, 2004, 126, 4774-4775.	13.7	42
28	Surface Plasmon Resonance Study of RNA-Aminoglycoside Interactions. Methods in Enzymology, 2003, 362, 340-353.	1.0	15