Fu-Sen Liang

List of Publications by Year
in descending order

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	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
2	Engineering the ABA Plant Stress Pathway for Regulation of Induced Proximity. Science Signaling, 2011, 4, rs2.	3.6	210
3	Dual Effect of Synthetic Aminoglycosides: Antibacterial Activity againstBacillus anthracis and Inhibition of Anthrax Lethal Factor. Angewandte Chemie - International Edition, 2005, 44, 447-452.	13.8	63
4	Reaction-Based â€œOffâ€“Onâ€•Fluorescent Probe Enabling Detection of Endogenous Labile Fe²⁺ and Imaging of Zn²⁺-induced Fe²⁺ Flux in Living Cells and Elevated Fe²⁺ in Ischemic Stroke. Bioconjugate Chemistry, 2016, 27, 302-308.	3.6	59
5	Chemically Controlled Epigenome Editing through an Inducible dCas9 System. Journal of the American Chemical Society, 2017, 139, 11337-11340.	13.7	54
6	Regulating miRNA-21 Biogenesis By Bifunctional Small Molecules. Journal of the American Chemical Society, 2017, 139, 4987-4990.	13.7	45
7	Inhibition of the Proteolytic Activity of Anthrax Lethal Factor by Aminoglycosides. Journal of the American Chemical Society, 2004, 126, 4774-4775.	13.7	42
8	Light Control of Cellular Processes by Using Photocaged Abscisic Acid. ChemBioChem, 2015, 16, 254-261.	2.6	41
9	Investigating crosstalk between H3K27 acetylation and H3K4 trimethylation in CRISPR/dCas-based epigenome editing and gene activation. Scientific Reports, 2021, 11, 15912.	3.3	29
10	Targeting RNAs with Tobramycin Analogues. Angewandte Chemie - International Edition, 2004, 43, 6496-6500.	13.8	27
11	Inducible and reversible RNA N6-methyladenosine editing. Nature Communications, 2022, 13, 1958.	12.8	21
12	Cyclic Peptidomimetics as Inhibitor for miR-155 Biogenesis. Molecular Pharmaceutics, 2019, 16, 914-920.	4.6	20
13	Surface Plasmon Resonance Study of RNAâ€“Aminoglycoside Interactions. Methods in Enzymology, 2003, 362, 340-353.	1.0	15
14	Constructing de Novo H₂O₂ Signaling via Induced Protein Proximity. ACS Chemical Biology, 2015, 10, 1404-1410.	3.4	14
15	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
16	Engineering Iron Responses in Mammalian Cells by Signal-Induced Protein Proximity. ACS Synthetic Biology, 2017, 6, 921-927.	3.8	12
17	miRNA inhibition by proximity-enabled Dicer inactivation. Methods, 2019, 167, 117-123.	3.8	11
18	Facile functionalization of FK506 for biological studies by the thiolâ€“ene â€˜clickâ€™ reaction. RSC Advances, 2014, 4, 11400.	3.6	10

#	Article	IF	Citations
19	Chemical and Light Inducible Epigenome Editing. International Journal of Molecular Sciences, 2020, 21, 998.	4.1	10
20	The early heart remodelled. Nature, 2009, 459, 654-655.	27.8	9
21	Design, synthesis and activity of light deactivatable microRNA inhibitor. Bioorganic Chemistry, 2018, 80, 492-497.	4.1	9
22	A chemically induced proximity system engineered from the plant auxin signaling pathway. Chemical Science, 2018, 9, 5822-5827.	7.4	9
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	Chemical Inducible dCas9-Guided Editing of H3K27 Acetylation in Mammalian Cells. Methods in Molecular Biology, 2018, 1767, 429-445.	0.9	5
25	Self-Reporting Chemically Induced Protein Proximity System Based on a Malachite Green Derivative and the L5** Fluorogen Activating Protein. Bioconjugate Chemistry, 2018, 29, 3010-3015.	3.6	5
26	Bifunctional small molecule-oligonucleotide hybrid as microRNA inhibitor. Bioorganic and Medicinal Chemistry, 2020, 28, 115394.	3.0	5
27	On demand CRISPR-mediated RNA N6-methyladenosine editing. Genes and Diseases, 2022, 9, 1389-1390.	3.4	3
28	RNA Epigenetics and Epitranscriptomics: The Emerging Gene Regulatory Landscape Through RNA Modifications. , 2022, , .		0