

Xiao Luo

List of Publications by Year in descending order

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16
papers

945
citations

759233

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17
times ranked

1447
citing authors

#	ARTICLE	IF	CITATIONS
1	An Orthogonal Array Optimization of Lipid-like Nanoparticles for mRNA Delivery in Vivo. <i>Nano Letters</i> , 2015, 15, 8099-8107.	9.1	182
2	Bright, Stable, and Biocompatible Organic Fluorophores Absorbing/Emitting in the Deep Near-Infrared Spectral Region. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 2979-2983.	13.8	142
3	Effects of Chemically Modified Messenger RNA on Protein Expression. <i>Bioconjugate Chemistry</i> , 2016, 27, 849-853.	3.6	106
4	Two-Photon Near Infrared Fluorescent Turn-On Probe Toward Cysteine and Its Imaging Applications. <i>ACS Sensors</i> , 2016, 1, 882-887.	7.8	104
5	Engineering CRISPR-Cpf1 crRNAs and mRNAs to maximize genome editing efficiency. <i>Nature Biomedical Engineering</i> , 2017, 1, .	22.5	95
6	Biodegradable Amino-Ester Nanomaterials for Cas9 mRNA Delivery in Vitro and in Vivo. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 25481-25487.	8.0	74
7	Lipid Polymer Hybrid Nanomaterials for mRNA Delivery. <i>Cellular and Molecular Bioengineering</i> , 2018, 11, 397-406.	2.1	57
8	Chemotherapy drugs derived nanoparticles encapsulating mRNA encoding tumor suppressor proteins to treat triple-negative breast cancer. <i>Nano Research</i> , 2019, 12, 855-861.	10.4	39
9	Effects of local structural transformation of lipid-like compounds on delivery of messenger RNA. <i>Scientific Reports</i> , 2016, 6, 22137.	3.3	37
10	Bright, Stable, and Biocompatible Organic Fluorophores Absorbing/Emitting in the Deep Near-Infrared Spectral Region. <i>Angewandte Chemie</i> , 2017, 129, 3025-3029.	2.0	29
11	Synthetic Oligonucleotides Inhibit CRISPR-Cpf1-Mediated Genome Editing. <i>Cell Reports</i> , 2018, 25, 3262-3272.e3.	6.4	28
12	Synthesis of Sterically Protected Xanthene Dyes with Bulky Groups at C-3 and C-7. <i>Journal of Organic Chemistry</i> , 2015, 80, 11538-11543.	3.2	25
13	Design, synthesis and evaluation of anti-CD123 antibody drug conjugates. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 5855-5860.	3.0	10
14	Co-delivery of mRNA and SPIONs through amino-ester nanomaterials. <i>Nano Research</i> , 2018, 11, 5596-5603.	10.4	10
15	Structurally-thrifty and visible-absorbing fluorophores. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 245, 118907.	3.9	4
16	GlcNAc Conjugated Atorvastatin with Enhanced Water Solubility and Cellular Internalization. <i>Bioconjugate Chemistry</i> , 2017, 28, 2109-2113.	3.6	3