Xiaozhou Luo

List of Publications by Year
in descending order

35 papers	1,706 citations	471509 17 h-index	377865 34 g-index
37 all docs	37 docs citations	37 times ranked	2891 citing authors

#	Article	IF	Citations
1	Recent Technologies for Genetic Code Expansion and their Implications on Synthetic Biology Applications. Journal of Molecular Biology, 2022, 434, 167382.	4.2	11
2	Precursor Quantitation Methods for Next Generation Food Production. Frontiers in Bioengineering and Biotechnology, 2022, 10, 849177.	4.1	1
3	Toward an Orthogonal Protein Lysine Acylation and Deacylation System. ChemBioChem, 2022, 23, e202100551.	2.6	2
4	Discovery and characterization of a novel sub-group of UbiA-type terpene cyclases with a distinct motif I. Organic Chemistry Frontiers, 2022, 9, 3057-3060.	4.5	5
5	Engineering consortia by polymeric microbial swarmbots. Nature Communications, 2022, 13, .	12.8	29
6	Expanding the Structural Diversity of Protein Building Blocks with Noncanonical Amino Acids Biosynthesized from Aromatic Thiols. Angewandte Chemie, 2021, 133, 10128-10136.	2.0	2
7	Expanding the Structural Diversity of Protein Building Blocks with Noncanonical Amino Acids Biosynthesized from Aromatic Thiols. Angewandte Chemie - International Edition, 2021, 60, 10040-10048.	13.8	15
8	A synthetic promoter system for well-controlled protein expression with different carbon sources in Saccharomyces cerevisiae. Microbial Cell Factories, 2021, 20, 202.	4.0	20
9	Human Microbiome and Its Medical Applications. Frontiers in Molecular Biosciences, 2021, 8, 703585.	3.5	6
10	Promoter Architecture and Promoter Engineering in Saccharomyces cerevisiae. Metabolites, 2020, 10, 320.	2.9	57
11	Complete biosynthesis of cannabinoids and their unnatural analogues in yeast. Nature, 2019, 567, 123-126.	27.8	473
12	Progress toward a reduced phage genetic code. Bioorganic and Medicinal Chemistry, 2018, 26, 5247-5252.	3.0	2
13	The genetic incorporation of p-azidomethyl-l-phenylalanine into proteins in yeast. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 1570-1573.	2.2	1
14	Stapled, Long-Acting Glucagon-like Peptide 2 Analog with Efficacy in Dextran Sodium Sulfate Induced Mouse Colitis Models. Journal of Medicinal Chemistry, 2018, 61, 3218-3223.	6.4	37
15	Construction and Screening of a Lentiviral Secretome Library. Cell Chemical Biology, 2017, 24, 767-771.e3.	5.2	9
16	Genetically encoding phosphotyrosine and its nonhydrolyzable analog in bacteria. Nature Chemical Biology, 2017, 13, 845-849.	8.0	105
17	Recombinant Macrocyclic Lanthipeptides Incorporating Non-Canonical Amino Acids. Journal of the American Chemical Society, 2017, 139, 11646-11649.	13.7	36
18	Engineering Bifunctional Antibodies with Constant Region Fusion Architectures. Journal of the American Chemical Society, 2017, 139, 18607-18615.	13.7	12

#	Article	IF	Citations
19	Design of Switchable Chimeric Antigen Receptor T Cells Targeting Breast Cancer. Angewandte Chemie, 2016, 128, 7646-7650.	2.0	7
20	Enhancing protein stability with extended disulfide bonds. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 5910-5915.	7.1	136
21	Stabilizing Protein Motifs with a Genetically Encoded Metal-Ion Chelator. Cell Chemical Biology, 2016, 23, 1098-1102.	5.2	16
22	Rational design of a Kv1.3 channel-blocking antibody as a selective immunosuppressant. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 11501-11506.	7.1	27
23	Genetic Incorporation of a Reactive Isothiocyanate Group into Proteins. Angewandte Chemie, 2016, 128, 10219-10222.	2.0	21
24	Genetic Incorporation of a Reactive Isothiocyanate Group into Proteins. Angewandte Chemie - International Edition, 2016, 55, 10065-10068.	13.8	45
25	Design of Switchable Chimeric Antigen Receptor T Cells Targeting Breast Cancer. Angewandte Chemie - International Edition, 2016, 55, 7520-7524.	13.8	92
26	Recombinant thiopeptides containing noncanonical amino acids. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 3615-3620.	7.1	58
27	Engineering a long-acting, potent GLP-1 analog for microstructure-based transdermal delivery. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 4140-4145.	7.1	51
28	An Epitopeâ€Specific Respiratory Syncytial Virus Vaccine Based on an Antibody Scaffold. Angewandte Chemie - International Edition, 2015, 54, 14531-14534.	13.8	13
29	Functional human antibody CDR fusions as long-acting therapeutic endocrine agonists. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 1356-1361.	7.1	30
30	Homogeneously modified immunoglobulin domains for therapeutic application. Current Opinion in Chemical Biology, 2015, 28, 66-74.	6.1	14
31	Rational Design of Antibody Protease Inhibitors. Journal of the American Chemical Society, 2015, 137, 4042-4045.	13.7	14
32	Auranofin exerts broad-spectrum bactericidal activities by targeting thiol-redox homeostasis. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 4453-4458.	7.1	259
33	An Immunosuppressive Antibodyâ€“Drug Conjugate. Journal of the American Chemical Society, 2015, 137, 3229-3232.	13.7	95
34	Creation of a Yeast Strain with Coâ€translationally Acylated Nucleosomes. Angewandte Chemie, 0, , .	2.0	0
35	Creation of a Yeast Strain with Coâ€translationally Acylated Nucleosomes. Angewandte Chemie - International Edition, 0, , .	13.8	3