

# Qian Liu

## List of Publications by Year in descending order

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16  
papers

868  
citations

933447

10  
h-index

940533

16  
g-index

16  
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16  
docs citations

16  
times ranked

1150  
citing authors

#	ARTICLE	IF	CITATIONS
1	Oncogenic Mutations and Tumor Microenvironment Alterations of Older Patients With Diffuse Large B-Cell Lymphoma. <i>Frontiers in Immunology</i> , 2022, 13, 842439.	4.8	5
2	Argonaute-integrated isothermal amplification for rapid, portable, multiplex detection of SARS-CoV-2 and influenza viruses. <i>Biosensors and Bioelectronics</i> , 2022, 207, 114169.	10.1	41
3	Loosely-packed dynamical structures with partially-melted surface being the key for thermophilic argonaute proteins achieving high DNA-cleavage activity. <i>Nucleic Acids Research</i> , 2022, 50, 7529-7544.	14.5	9
4	Argonaute integrated single-tube PCR system enables supersensitive detection of rare mutations. <i>Nucleic Acids Research</i> , 2021, 49, e75-e75.	14.5	66
5	A Hyperthermophilic Argonaute From <i>Ferroglobus placidus</i> With Specificity on Guide Binding Pattern. <i>Frontiers in Microbiology</i> , 2021, 12, 654345.	3.5	18
6	Probing and Engineering the Fatty Acyl Substrate Selectivity of Starter Condensation Domains of Nonribosomal Peptide Synthetases in Lipopeptide Biosynthesis. <i>Biotechnology Journal</i> , 2020, 15, e1900175.	3.5	9
7	Characterization of protein interaction surface on fatty acyl selectivity of starter condensation domain in lipopeptide biosynthesis. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 653-660.	3.6	2
8	Utility of B-Factors in Protein Science: Interpreting Rigidity, Flexibility, and Internal Motion and Engineering Thermostability. <i>Chemical Reviews</i> , 2019, 119, 1626-1665.	47.7	317
9	OptRAM: In-silico strain design via integrative regulatory-metabolic network modeling. <i>PLoS Computational Biology</i> , 2019, 15, e1006835.	3.2	41
10	An Artificial Biosynthetic Pathway for 2-Amino-1,3-Propanediol Production Using Metabolically Engineered <i>Escherichia coli</i> . <i>ACS Synthetic Biology</i> , 2019, 8, 548-556.	3.8	4
11	Characterization of the positive SARP family regulator PieR for improving piericidin A1 production in <i>Streptomyces pinogetus</i> var. <i>Hangzhouwanensis</i> . <i>Synthetic and Systems Biotechnology</i> , 2019, 4, 16-24.	3.7	18
12	The state-of-the-art strategies of protein engineering for enzyme stabilization. <i>Biotechnology Advances</i> , 2019, 37, 530-537.	11.7	117
13	Biosynthesis of plant-derived ginsenoside Rh2 in yeast via repurposing a key promiscuous microbial enzyme. <i>Metabolic Engineering</i> , 2017, 42, 25-32.	7.0	119
14	Co-Occurring Atomic Contacts for the Characterization of Protein Binding Hot Spots. <i>PLoS ONE</i> , 2015, 10, e0144486.	2.5	8
15	Use B-factor related features for accurate classification between protein binding interfaces and crystal packing contacts. <i>BMC Bioinformatics</i> , 2014, 15, S3.	2.6	56
16	Elucidation of Piericidin A1 Biosynthetic Locus Revealed a Thioesterase-Dependent Mechanism of $\beta$ -Pyridone Ring Formation. <i>Chemistry and Biology</i> , 2012, 19, 243-253.	6.0	38