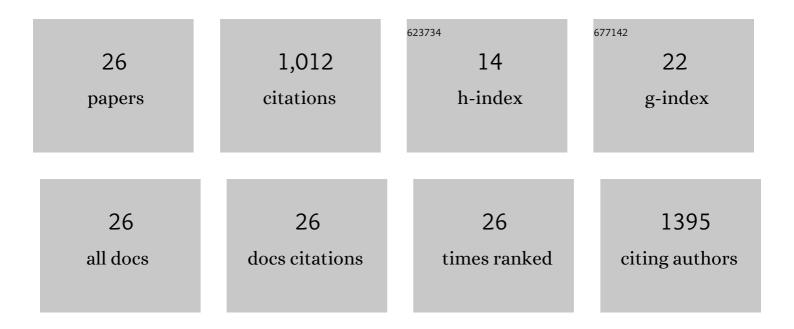
Lianhong Sun

List of Publications by Year in descending order

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LIANHONG SUN

#	Article	IF	CITATIONS
1	Directed evolution of Rhll to generate new and increased quorum sensing signal molecule catalytic activities. Enzyme and Microbial Technology, 2020, 134, 109475.	3.2	5
2	Engineered Kluyveromyces marxianus for pyruvate production at elevated temperature with simultaneous consumption of xylose and glucose. Bioresource Technology, 2017, 224, 553-562.	9.6	34
3	Metabolic engineering of indole pyruvic acid biosynthesis in Escherichia coli with tdiD. Microbial Cell Factories, 2017, 16, 2.	4.0	4
4	Directed evolution to improve the catalytic efficiency of urate oxidase from Bacillus subtilis. PLoS ONE, 2017, 12, e0177877.	2.5	17
5	Protein-Selective Coacervation with Hyaluronic Acid. Biomacromolecules, 2014, 15, 726-734.	5.4	80
6	Evolution of hierarchical structures in polyelectrolyte–micelle coacervates. Soft Matter, 2013, 9, 7320.	2.7	35
7	Effect of Heparin on Protein Aggregation: Inhibition versus Promotion. Biomacromolecules, 2012, 13, 1642-1651.	5.4	34
8	Multimerization and Aggregation of Native-State Insulin: Effect of Zinc. Langmuir, 2012, 28, 579-586.	3.5	54
9	Electrostatic Selectivity in Protein–Nanoparticle Interactions. Biomacromolecules, 2011, 12, 2552-2561.	5.4	109
10	Protein Purification by Polyelectrolyte Coacervation: Influence of Protein Charge Anisotropy on Selectivity. Biomacromolecules, 2011, 12, 1512-1522.	5.4	191
11	Engineering the Logical Properties of a Genetic AND Gate. Methods in Molecular Biology, 2011, 743, 175-184.	0.9	7
12	Creating Designer Laccases. Chemistry and Biology, 2010, 17, 918-920.	6.0	6
13	Slow activator degradation reduces the robustness of a coupled feedback loop oscillator. Molecular BioSystems, 2010, 6, 1469.	2.9	2
14	Construction and Enhancement of a Minimal Genetic AND Logic Gate. Applied and Environmental Microbiology, 2009, 75, 637-642.	3.1	41
15	Altering the Substrate Specificity of Rhll by Directed Evolution. ChemBioChem, 2009, 10, 553-558.	2.6	11
16	Directed evolution of LuxI for enhanced OHHL production. Biotechnology and Bioengineering, 2008, 101, 263-272.	3.3	31
17	Advancing Biocatalysis through Enzyme, Cellular, and Platform Engineering. Biotechnology Progress, 2008, 24, 515-519.	2.6	16
18	Enzyme Replacement Therapy for Lysosomal Storage Disorders. Recent Patents on Biomedical Engineering, 2008, 1, 141-147.	0.5	1

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#	Article	IF	CITATIONS
19	Noise and kinetics of LuxR positive feedback loops. Biochemical and Biophysical Research Communications, 2007, 363, 667-673.	2.1	14
20	Engineering and applications of genetic circuits. Molecular BioSystems, 2007, 3, 835.	2.9	23
21	Construction and Engineering of Positive Feedback Loops. ACS Chemical Biology, 2006, 1, 692-696.	3.4	37
22	Saturation Mutagenesis. , 2003, 231, 75-84.		48
23	Screen for Oxidases by Detection of Hydrogen Peroxide with Horseradish Peroxidase. , 2003, 230, 177-182.		1
24	Modification of Galactose Oxidase to Introduce Glucose 6-Oxidase Activity. ChemBioChem, 2002, 3, 781.	2.6	97
25	Expression and stabilization of galactose oxidase in Escherichia coli by directed evolution. Protein Engineering, Design and Selection, 2001, 14, 699-704.	2.1	114
26	Enzyme Production in <i>Escherichia coli</i> . , 0, , 539-548.		0