

# Guoqiang Xu

## List of Publications by Year in descending order

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15  
papers

317  
citations

1040056

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996975

15  
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17  
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17  
docs citations

17  
times ranked

386  
citing authors

#	ARTICLE	IF	CITATIONS
1	Integration of ARTP mutagenesis with biosensor-mediated high-throughput screening to improve l-serine yield in <i>Corynebacterium glutamicum</i> . <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 5939-5951.	3.6	55
2	Fumaric acid production in <i>Saccharomyces cerevisiae</i> by simultaneous use of oxidative and reductive routes. <i>Bioresource Technology</i> , 2013, 148, 91-96.	9.6	51
3	Engineering <i>Corynebacterium glutamicum</i> for the de novo biosynthesis of tailored poly- $\gamma$ -glutamic acid. <i>Metabolic Engineering</i> , 2019, 56, 39-49.	7.0	45
4	Microbial Production of l-Serine from Renewable Feedstocks. <i>Trends in Biotechnology</i> , 2018, 36, 700-712.	9.3	40
5	High-yield production of l-serine through a novel identified exporter combined with synthetic pathway in <i>Corynebacterium glutamicum</i> . <i>Microbial Cell Factories</i> , 2020, 19, 115.	4.0	26
6	Rewiring the Central Metabolic Pathway for High-Yield l-Serine Production in <i>Corynebacterium glutamicum</i> by Using Glucose. <i>Biotechnology Journal</i> , 2019, 14, e1800497.	3.5	24
7	Microbial production of riboflavin: Biotechnological advances and perspectives. <i>Metabolic Engineering</i> , 2021, 68, 46-58.	7.0	20
8	Modification of graphene oxide by a facile coprecipitation method and click chemistry for use as a drug carrier. <i>RSC Advances</i> , 2014, 4, 28807-28813.	3.6	18
9	The transcription factor Ace2 and its paralog Swi5 regulate ethanol production during static fermentation through their targets Cts1 and Rps4a in <i>Saccharomyces cerevisiae</i> . <i>FEMS Yeast Research</i> , 2016, 16, fow022.	2.3	9
10	High-yield production of l-serine from glycerol by engineered <i>Escherichia coli</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , 2019, 46, 221-230.	3.0	9
11	A novel aceE mutation leading to a better growth profile and a higher l-serine production in a high-yield l-serine-producing <i>Corynebacterium glutamicum</i> strain. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2016, 43, 1293-1301.	3.0	7
12	Improving glutathione production by engineered <i>Pichia pastoris</i> : strain construction and optimal precursor feeding. <i>Applied Microbiology and Biotechnology</i> , 2022, 106, 1905-1917.	3.6	5
13	Separation of $\alpha$ -ketoglutaric acid and pyruvic acid from the culture broth of <i>Yarrowia lipolytica</i> WSH-Z06 by chromatographic methods. <i>Biotechnology Progress</i> , 2018, 34, 1370-1379.	2.6	4
14	Characterization and implications of prokaryotic ribosome-binding sites across species. <i>Systems Microbiology and Biomanufacturing</i> , 2022, 2, 676-684.	2.9	1
15	Characterization of a transcriptional regulator PtxS from <i>Pseudomonas plecoglossicida</i> for regulating 2-ketogluconic acid metabolism. <i>International Journal of Biological Macromolecules</i> , 2021, 174, 330-338.	7.5	0