

# Yaping Yang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3265127/publications.pdf>

Version: 2024-02-01

17  
papers

574  
citations

840119

11  
h-index

996533

15  
g-index

17  
all docs

17  
docs citations

17  
times ranked

810  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Regulating malonyl-CoA metabolism via synthetic antisense RNAs for enhanced biosynthesis of natural products. <i>Metabolic Engineering</i> , 2015, 29, 217-226.                     | 3.6 | 159       |
| 2  | Identification and Functional Demonstration of miRNAs in the Fungus <i>Cryptococcus neoformans</i> . <i>PLoS ONE</i> , 2012, 7, e52734.   | 1.1 | 88        |
| 3  | Sensor-regulator and RNAi based bifunctional dynamic control network for engineered microbial synthesis. <i>Nature Communications</i> , 2018, 9, 3043.                              | 5.8 | 73        |
| 4  | Engineering a bacterial platform for total biosynthesis of caffeic acid derived phenethyl esters and amides. <i>Metabolic Engineering</i> , 2017, 44, 89-99.                        | 3.6 | 49        |
| 5  | Investigation of the Synergetic Effect of Xylose Metabolic Pathways on the Production of Glutaric Acid. <i>ACS Synthetic Biology</i> , 2018, 7, 24-29.                              | 1.9 | 35        |
| 6  | Developing a pyruvate-driven metabolic scenario for growth-coupled microbial production. <i>Metabolic Engineering</i> , 2019, 55, 191-200.  | 3.6 | 28        |
| 7  | Establishing a synergetic carbon utilization mechanism for non-catabolic use of glucose in microbial synthesis of trehalose. <i>Metabolic Engineering</i> , 2017, 39, 1-8.          | 3.6 | 25        |
| 8  | Elevating 4-hydroxycoumarin production through alleviating thioesterase-mediated salicyl-CoA degradation. <i>Metabolic Engineering</i> , 2017, 42, 59-65.                           | 3.6 | 24        |
| 9  | Microbial production of small medicinal molecules and biologics: From nature to synthetic pathways. <i>Biotechnology Advances</i> , 2018, 36, 2219-2231.                            | 6.0 | 24        |
| 10 | Microbial production of branched-chain dicarboxylate 2-methylsuccinic acid via enoate reductase-mediated bioreduction. <i>Metabolic Engineering</i> , 2018, 45, 1-10.               | 3.6 | 18        |
| 11 | Protein-Adsorbed Magnetic-Nanoparticle-Mediated Assay for Rapid Detection of Bacterial Antibiotic Resistance. <i>Bioconjugate Chemistry</i> , 2017, 28, 890-896.                    | 1.8 | 14        |
| 12 | Exploring the Promiscuity of Phenol Hydroxylase from <i>Pseudomonas stutzeri</i> OX1 for the Biosynthesis of Phenolic Compounds. <i>ACS Synthetic Biology</i> , 2018, 7, 1238-1243. | 1.9 | 13        |
| 13 | Bioproduction of Resveratrol. , 2018, , 61-79.  |     | 13        |
| 14 | Synthetic symbiosis combining plasmid displacement enables rapid construction of phenotype-stable strains. <i>Metabolic Engineering</i> , 2019, 55, 85-91.                          | 3.6 | 6         |
| 15 | Development of antisense RNA-mediated quantifiable inhibition for metabolic regulation. <i>Metabolic Engineering Communications</i> , 2021, 12, e00168.                             | 1.9 | 4         |
| 16 | Antisense RNA Elements for Downregulating Expression. <i>Methods in Molecular Biology</i> , 2019, 1927, 23-35.  | 0.4 | 1         |
| 17 | Incorporating Stimuli-Responsive Bacteria in Microfluidic Droplets. , 2015, , .   |     | 0         |