

Pia Lindberg

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5464909/publications.pdf>

Version: 2024-02-01

23
papers

1,835
citations

471509

17
h-index

642732

23
g-index

27
all docs

27
docs citations

27
times ranked

1656
citing authors

#	ARTICLE	IF	CITATIONS
1	Expression of phenylalanine ammonia lyases in <i>Synechocystis</i> sp. PCC 6803 and subsequent improvements of sustainable production of phenylpropanoids. <i>Microbial Cell Factories</i> , 2022, 21, 8.	4.0	13
2	Production of succinate by engineered strains of <i>Synechocystis</i> PCC 6803 overexpressing phosphoenolpyruvate carboxylase and a glyoxylate shunt. <i>Microbial Cell Factories</i> , 2021, 20, 39.	4.0	14
3	Engineering Biocatalytic Solar Fuel Production: The PHOTOFUEL Consortium. <i>Trends in Biotechnology</i> , 2021, 39, 323-327.	9.3	17
4	Photoautotrophic production of renewable ethylene by engineered cyanobacteria: Steering the cell metabolism towards biotechnological use. <i>Physiologia Plantarum</i> , 2021, 173, 579-590.	5.2	10
5	Doing synthetic biology with photosynthetic microorganisms. <i>Physiologia Plantarum</i> , 2021, 173, 624-638.	5.2	20
6	Metabolic engineering of <i>Synechocystis</i> sp. PCC 6803 for improved bisabolene production. <i>Metabolic Engineering Communications</i> , 2021, 12, e00159.	3.6	43
7	Current processes and future challenges of photoautotrophic production of acetyl-CoA-derived solar fuels and chemicals in cyanobacteria. <i>Current Opinion in Chemical Biology</i> , 2020, 59, 69-76.	6.1	20
8	Introduction of a green algal squalene synthase enhances squalene accumulation in a strain of <i>Synechocystis</i> sp. PCC 6803. <i>Metabolic Engineering Communications</i> , 2020, 10, e00125.	3.6	21
9	Increased ethylene production by overexpressing phosphoenolpyruvate carboxylase in the cyanobacterium <i>Synechocystis</i> PCC 6803. <i>Biotechnology for Biofuels</i> , 2020, 13, 16.	6.2	38
10	High density cultivation for efficient sesquiterpenoid biosynthesis in <i>Synechocystis</i> sp. PCC 6803. <i>Scientific Reports</i> , 2020, 10, 5932.	3.3	42
11	Modular engineering for efficient photosynthetic biosynthesis of 1-butanol from CO ₂ in cyanobacteria. <i>Energy and Environmental Science</i> , 2019, 12, 2765-2777.	30.8	119
12	Engineered cyanobacteria with enhanced growth show increased ethanol production and higher biofuel to biomass ratio. <i>Metabolic Engineering</i> , 2018, 46, 51-59.	7.0	91
13	Systematic overexpression study to find target enzymes enhancing production of terpenes in <i>Synechocystis</i> PCC 6803, using isoprene as a model compound. <i>Metabolic Engineering</i> , 2018, 49, 164-177.	7.0	84
14	Sll1783, a monooxygenase associated with polysaccharide processing in the unicellular cyanobacterium <i>Synechocystis</i> PCC 6803. <i>Physiologia Plantarum</i> , 2017, 161, 182-195.	5.2	10
15	Isobutanol production in <i>Synechocystis</i> PCC 6803 using heterologous and endogenous alcohol dehydrogenases. <i>Metabolic Engineering Communications</i> , 2017, 5, 45-53.	3.6	62
16	Evaluation of promoters and ribosome binding sites for biotechnological applications in the unicellular cyanobacterium <i>Synechocystis</i> sp. PCC 6803. <i>Scientific Reports</i> , 2016, 6, 36640.	3.3	122
17	In situ-immobilization of two model cyanobacterial strains in ceramic structures: A new biohybrid material for photobioreactor applications. <i>Journal of Biotechnology</i> , 2016, 223, 1-5.	3.8	4
18	Terpenoids and Their Biosynthesis in Cyanobacteria. <i>Life</i> , 2015, 5, 269-293.	2.4	132

#	ARTICLE	IF	CITATIONS
19	Metabolic Engineering of <i>Synechocystis</i> sp. PCC 6803 for Production of the Plant Diterpenoid Manoyl Oxide. <i>ACS Synthetic Biology</i> , 2015, 4, 1270-1278.	3.8	113
20	Production of Squalene in <i>Synechocystis</i> sp. PCC 6803. <i>PLoS ONE</i> , 2014, 9, e90270.	2.5	99
21	Synthetic Biology in Cyanobacteria. <i>Methods in Enzymology</i> , 2011, 497, 539-579.	1.0	184
22	Engineering a platform for photosynthetic isoprene production in cyanobacteria, using <i>Synechocystis</i> as the model organism. <i>Metabolic Engineering</i> , 2010, 12, 70-79.	7.0	537
23	The chloroplast sulfate transport system in the green alga <i>Chlamydomonas reinhardtii</i> . <i>Planta</i> , 2008, 228, 951-961.	3.2	31