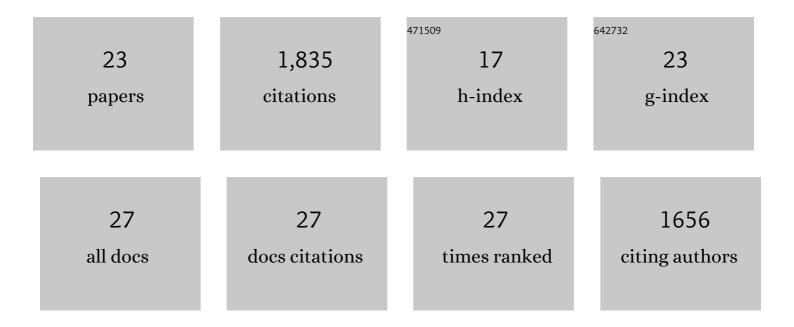
Pia Lindberg

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5464909/publications.pdf Version: 2024-02-01



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

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