

Konstantinos Vavitsas

List of Publications by Year in descending order

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Version: 2024-02-01

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23
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citing authors

#	ARTICLE	IF	CITATIONS
1	Synthetic Biology of Thermophiles: Taking Bioengineering to the Extremes?. Applied Microbiology, 2022, 2, 165-174.	1.6	7
2	Doing synthetic biology with photosynthetic microorganisms. Physiologia Plantarum, 2021, 173, 624-638.	5.2	20
3	Driving innovation in biotechnology with Private-Public Partnerships: A Singapore perspective. Biotechnology Notes, 2021, 2, 59-62.	1.2	4
4	Biodesulfurization of Dibenzothiophene and Its Alkylated Derivatives in a Two-Phase Bubble Column Bioreactor by Resting Cells of Rhodococcus erythropolis IGTS8. Processes, 2021, 9, 2064.	2.8	4
5	Could cells without genomes become the new synthetic biology chassis?. Synthetic Biology, 2020, 5, .	2.2	0
6	Are synthetic biology standards applicable in everyday research practice?. Microbial Biotechnology, 2020, 13, 1304-1308.	4.2	10
7	The Synthetic Biology Toolkit for Photosynthetic Microorganisms. Plant Physiology, 2019, 181, 14-27.	4.8	33
8	Turning G protein-coupled receptors into tunable biosensors. Synthetic Biology, 2019, 4, ysz011.	2.2	4
9	CyanoGate: A Modular Cloning Suite for Engineering Cyanobacteria Based on the Plant MoClo Syntax. Plant Physiology, 2019, 180, 39-55.	4.8	123
10	Harnessing transcription for bioproduction in cyanobacteria. Physiologia Plantarum, 2018, 162, 148-155.	5.2	25
11	OpenMTA, a paradigm shift in exchanging biological material. Synthetic Biology, 2018, 3, ysy021.	2.2	1
12	Terpenoid Metabolic Engineering in Photosynthetic Microorganisms. Genes, 2018, 9, 520.	2.4	67
13	Birth of a Photosynthetic Chassis: A MoClo Toolkit Enabling Synthetic Biology in the Microalga <i>Chlamydomonas reinhardtii</i> . ACS Synthetic Biology, 2018, 7, 2074-2086.	3.8	225
14	Photosynthetic fuel for heterologous enzymes: the role of electron carrier proteins. Photosynthesis Research, 2017, 134, 329-342.	2.9	40
15	PhD supervisors: be better mentors. Nature, 2017, 545, 158-158.	27.8	5
16	Responses of Synechocystis sp. PCC 6803 to heterologous biosynthetic pathways. Microbial Cell Factories, 2017, 16, 140.	4.0	19
17	In vivo assembly of DNA-fragments in the moss, Physcomitrella patens. Scientific Reports, 2016, 6, 25030.	3.3	28
18	The two Dps proteins, NpDps2 and NpDps5, are involved in light-induced oxidative stress tolerance in the N ₂ -fixing cyanobacterium Nostoc punctiforme. Biochimica Et Biophysica Acta - Bioenergetics, 2016, 1857, 1766-1776.	1.0	16

#	ARTICLE	IF	CITATIONS
19	Extending the biosynthetic repertoires of cyanobacteria and chloroplasts. Plant Journal, 2016, 87, 87-102.	5.7	52
20	Heterologous expression of the isopimaric acid pathway in Nicotiana benthamiana and the effect of N-terminal modifications of the involved cytochrome P450 enzyme. Journal of Biological Engineering, 2015, 9, 24.	4.7	32
21	Modeling the mechanisms of biological GTP hydrolysis. Archives of Biochemistry and Biophysics, 2015, 582, 80-90.	3.0	48