

# Dimitrios Ladakis

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

958  
citations

430874

18  
h-index

713466

21  
g-index

22  
all docs

22  
docs citations

22  
times ranked

1053  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bacterial Cellulose Production from Industrial Waste and by-Product Streams. <i>International Journal of Molecular Sciences</i> , 2015, 16, 14832-14849.	4.1	235
2	Sustainable production of bio-based chemicals and polymers via integrated biomass refining and bioprocessing in a circular bioeconomy context. <i>Bioresource Technology</i> , 2020, 307, 123093.	9.6	104
3	Restructuring the Conventional Sugar Beet Industry into a Novel Biorefinery: Fractionation and Bioconversion of Sugar Beet Pulp into Succinic Acid and Value-Added Coproducts. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 6569-6579.	6.7	70
4	Integrated biorefinery development for the extraction of value-added components and bacterial cellulose production from orange peel waste streams. <i>Renewable Energy</i> , 2020, 160, 944-954.	8.9	64
5	Synthesis and Characterization of Bacterial Cellulose from Citrus-Based Sustainable Resources. <i>ACS Omega</i> , 2018, 3, 10365-10373.	3.5	58
6	Evaluation of organic fractions of municipal solid waste as renewable feedstock for succinic acid production. <i>Biotechnology for Biofuels</i> , 2020, 13, 72.	6.2	47
7	Integrated biorefinery development using winery waste streams for the production of bacterial cellulose, succinic acid and value-added fractions. <i>Bioresource Technology</i> , 2022, 343, 125989.	9.6	39
8	Stability of double emulsions with PGPR, bacterial cellulose and whey protein isolate. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 522, 445-452.	4.7	35
9	Pretreatment of spent sulphite liquor via ultrafiltration and nanofiltration for bio-based succinic acid production. <i>Journal of Biotechnology</i> , 2016, 233, 95-105.	3.8	34
10	Evaluation of 1,3-propanediol production by two <i>Citrobacter freundii</i> strains using crude glycerol and soybean cake hydrolysate. <i>Environmental Science and Pollution Research</i> , 2019, 26, 35523-35532.	5.3	30
11	Techno-economic evaluation and life-cycle assessment of poly(3-hydroxybutyrate) production within a biorefinery concept using sunflower-based biodiesel industry by-products. <i>Bioresource Technology</i> , 2021, 326, 124711.	9.6	29
12	Techno-economic risk assessment, life cycle analysis and life cycle costing for poly(butylene Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 T Environment, 2022, 806, 150594.	8.0	29
13	Bioprocess development using organic biowaste and sustainability assessment of succinic acid production with engineered <i>Yarrowia lipolytica</i> strain. <i>Biochemical Engineering Journal</i> , 2021, 174, 108099.	3.6	27
14	Techno-economic evaluation and life cycle assessment of a biorefinery using winery waste streams for the production of succinic acid and value-added co-products. <i>Bioresource Technology</i> , 2022, 348, 126295.	9.6	27
15	Magnetically modified bacterial cellulose: A promising carrier for immobilization of affinity ligands, enzymes, and cells. <i>Materials Science and Engineering C</i> , 2017, 71, 214-221.	7.3	25
16	Valorization of spent sulphite liquor for succinic acid production via continuous fermentation system. <i>Biochemical Engineering Journal</i> , 2018, 137, 262-272.	3.6	22
17	Biorefinery development, techno-economic evaluation and environmental impact analysis for the conversion of the organic fraction of municipal solid waste into succinic acid and value-added fractions. <i>Bioresource Technology</i> , 2022, 354, 127172.	9.6	22
18	Direct electrochemical extraction increases microbial succinic acid production from spent sulphite liquor. <i>Green Chemistry</i> , 2019, 21, 2401-2411.	9.0	19

#	ARTICLE	IF	CITATIONS
19	Sustainable arabitol production by a newly isolated <i>Debaryomyces prosopidis</i> strain cultivated on biodiesel-derived glycerol. <i>Carbon Resources Conversion</i> , 2022, 5, 92-99.	5.9	18
20	Optimization of fermentation medium for succinic acid production using <i>Basfia succiniciproducens</i> . <i>Environmental Technology and Innovation</i> , 2021, 24, 101914.	6.1	13
21	A Comprehensive Bioprocessing Approach to Foster Cheese Whey Valorization: On-Site $\beta$ -Galactosidase Secretion for Lactose Hydrolysis and Sequential Bacterial Cellulose Production. <i>Fermentation</i> , 2021, 7, 184.	3.0	10
22	Techno-economic evaluation and life-cycle assessment of integrated biorefineries within a circular bioeconomy concept. , 2022, , 541-556.		1