

# Apostolis A Koutinas

## List of Publications by Year in descending order

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196  
papers

9,844  
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31902

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48187

88  
g-index

201  
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201  
docs citations

201  
times ranked

8948  
citing authors

#	ARTICLE	IF	CITATIONS
1	Prospects on bio-based 2,3-butanediol and acetoin production: Recent progress and advances. <i>Biotechnology Advances</i> , 2022, 54, 107783.	6.0	61
2	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.	4.8	39
3	Enhanced 2,3-Butanediol production by mutant <i>Enterobacter ludwigii</i> using Brewers' spent grain hydrolysate: Process optimization for a pragmatic biorefinery loom. <i>Chemical Engineering Journal</i> , 2022, 427, 130851.	6.6	34
4	Renewable carbon opportunities in the production of succinic acid applying attributional and consequential modelling. <i>Chemical Engineering Journal</i> , 2022, 428, 132011.	6.6	13
5	Techno-economic risk assessment, life cycle analysis and life cycle costing for poly(butylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Environment, 2022, 806, 150594.	3.9	29
6	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.	4.8	27
7	Valorization of the organic fraction of municipal solid waste for fumaric acid production and electrochemical membrane extraction using <i>Candida blankii</i> . <i>Bioresource Technology Reports</i> , 2022, 17, 100900.	1.5	0
8	Effect of a Carotenoid Extract from <i>Citrus reticulata</i> By-Products on the Immune-Oxidative Status of Broilers. <i>Antioxidants</i> , 2022, 11, 144.	2.2	9
9	The Effect of Terpenoid Compounds on the Formation of Advanced Glycation Endproducts (AGEs) in Model Systems. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 908.	1.3	1
10	Techno-economic evaluation and life-cycle assessment of integrated biorefineries within a circular bioeconomy concept. , 2022, , 541-556.		1
11	Volatile Organic Compounds and 16S Metabarcoding in Ice-Stored Red Seabream <i>Pagrus major</i> . <i>Foods</i> , 2022, 11, 666.	1.9	5
12	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.	3.2	18
13	Chemical Profiling, Bioactivity Evaluation and the Discovery of a Novel Biopigment Produced by <i>Penicillium purpurogenum</i> CBS 113139. <i>Molecules</i> , 2022, 27, 69.	1.7	5
14	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.	4.8	22
15	Development of biodegradable films using sunflower protein isolates and bacterial nanocellulose as innovative food packaging materials for fresh fruit preservation. <i>Scientific Reports</i> , 2022, 12, 6935.	1.6	16
16	Coproduction of Microbial Oil and Carotenoids within the Circular Bioeconomy Concept: A Sequential Solid-State and Submerged Fermentation Approach. <i>Fermentation</i> , 2022, 8, 258.	1.4	8
17	Nanocellulose Production from Different Sources and Their Self-Assembly in Composite Materials. , 2022, , 51-82.		0
18	Fed-batch bioprocess development for astaxanthin production by <i>Xanthophyllomyces dendrorhous</i> based on the utilization of <i>Prosopis</i> sp. pods extract. <i>Biochemical Engineering Journal</i> , 2021, 166, 107844.	1.8	12

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19	Microbiological assessment of aerobically stored horse fillets through predictive microbiology and metabolomic approach. <i>Meat Science</i> , 2021, 172, 108323.	2.7	12
20	Corinthian currants finishing side-stream: Chemical characterization, volatilome, and valorisation through wine and baker's yeast production-technoeconomic evaluation. <i>Food Chemistry</i> , 2021, 342, 128161.	4.2	12
21	Succinic acid production from pulp and paper industry waste: A transcriptomic approach. <i>Journal of Biotechnology</i> , 2021, 325, 250-260.	1.9	8
22	Valorization of fruit processing by-product streams into integrated biorefinery concepts: extraction of value-added compounds and bioconversion to chemicals. , 2021, , 927-945.		2
23	Bioprocess Development for 2,3-Butanediol Production by <i>Paenibacillus</i> Strains. <i>ChemBioEng Reviews</i> , 2021, 8, 44-62.	2.6	23
24	Biodiesel production using microbial lipids derived from food waste discarded by catering services. <i>Bioresource Technology</i> , 2021, 323, 124597.	4.8	42
25	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.	4.8	29
26	Microbiological and Chemical Properties of Chokeberry Juice Fermented by Novel Lactic Acid Bacteria with Potential Probiotic Properties during Fermentation at 4 °C for 4 Weeks. <i>Foods</i> , 2021, 10, 768.	1.9	30
27	Enzymatic production of isopropyl and 2-ethylhexyl esters using $\gamma$ -linolenic acid rich fungal oil produced from spent sulphite liquor. <i>Biochemical Engineering Journal</i> , 2021, 169, 107956.	1.8	10
28	Volatile Composition of Industrially Fermented Table Olives from Greece. <i>Foods</i> , 2021, 10, 1000.	1.9	12
29	Current and new Green Deal solutions for sustainable food processing. <i>Current Opinion in Environmental Science and Health</i> , 2021, 21, 100244.	2.1	7
30	Bioprocess Development for 2,3-Butanediol Production from Crude Glycerol and Conceptual Process Design for Aqueous Conversion into Methyl Ethyl Ketone. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 8692-8705.	3.2	8
31	Volatile Profiling of <i>Pleurotus eryngii</i> and <i>Pleurotus ostreatus</i> Mushrooms Cultivated on Agricultural and Agro-Industrial By-Products. <i>Foods</i> , 2021, 10, 1287.	1.9	21
32	Integrated Fermentative Production and Downstream Processing of 2,3-Butanediol from Sugarcane Bagasse-Derived Xylose by Mutant Strain of <i>Enterobacter ludwigii</i> . <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 10381-10391.	3.2	17
33	Optimization of fermentation medium for succinic acid production using <i>Basfia succiniciproducens</i> . <i>Environmental Technology and Innovation</i> , 2021, 24, 101914.	3.0	13
34	Antioxidant Status of Broiler Chickens Fed Diets Supplemented with Vinification By-Products: A Valorization Approach. <i>Antioxidants</i> , 2021, 10, 1250.	2.2	14
35	Valorisation of grape stalks and pomace for the production of bio-based succinic acid by <i>Actinobacillus succinogenes</i> . <i>Industrial Crops and Products</i> , 2021, 168, 113578.	2.5	41
36	Volumetric oxygen transfer coefficient as fermentation control parameter to manipulate the production of either acetoin or D-2,3-butanediol using bakery waste. <i>Bioresource Technology</i> , 2021, 335, 125155.	4.8	24

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37	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.	1.8	27
38	Immune-Related Gene Expression Profiling of Broiler Chickens Fed Diets Supplemented with Vinification Byproducts: A Valorization Approach II. <i>Animals</i> , 2021, 11, 3038.	1.0	3
39	Restructuring the sunflower-based biodiesel industry into a circular bio-economy business model converting sunflower meal and crude glycerol into succinic acid and value-added co-products. <i>Biomass and Bioenergy</i> , 2021, 155, 106265.	2.9	11
40	Bioconversions of Biodiesel-Derived Glycerol into Sugar Alcohols by Newly Isolated Wild-Type <i>Yarrowia lipolytica</i> Strains. <i>Reactions</i> , 2021, 2, 499-513.	0.9	6
41	Vinegar Production from Corinthian Currants Finishing Side-Stream: Development and Comparison of Methods Based on Immobilized Acetic Acid Bacteria. <i>Foods</i> , 2021, 10, 3133.	1.9	11
42	Spoilage Investigation of Chill Stored Meagre ( <i>Argyrosomus regius</i> ) Using Modern Microbiological and Analytical Techniques. <i>Foods</i> , 2021, 10, 3109.	1.9	7
43	Valorisation of sugarcane molasses for the production of microbial lipids via fermentation of two <i>Rhodospiridium</i> strains for enzymatic synthesis of polyol esters. <i>Journal of Chemical Technology and Biotechnology</i> , 2020, 95, 402-407.	1.6	35
44	Valorization of Zante currant side-streams for the production of phenolic-rich extract and bacterial cellulose: a novel biorefinery concept. <i>Journal of Chemical Technology and Biotechnology</i> , 2020, 95, 427-438.	1.6	20
45	Functional pomegranate beverage production by fermentation with a novel synbiotic <i>L. paracasei</i> biocatalyst. <i>Food Chemistry</i> , 2020, 308, 125658.	4.2	46
46	Hybridised sustainability metrics for use in life cycle assessment of bio-based products: resource efficiency and circularity. <i>Green Chemistry</i> , 2020, 22, 803-813.	4.6	45
47	Techno-economic analysis and life cycle assessment of heterotrophic yeast-derived single cell oil production process. <i>Fuel</i> , 2020, 264, 116839.	3.4	32
48	Estimation of volumetric mass transfer coefficient ( $kLa$ )—Review of classical approaches and contribution of a novel methodology. <i>Biochemical Engineering Journal</i> , 2020, 155, 107458.	1.8	22
49	A simple and efficient model for calculating fixed capital investment and utilities consumption of large-scale biotransformation processes. <i>Biochemical Engineering Journal</i> , 2020, 154, 107462.	1.8	11
50	Risk assessment modeling of bio-based chemicals economics based on Monte-Carlo simulations. <i>Chemical Engineering Research and Design</i> , 2020, 163, 273-280.	2.7	23
51	Lipid Production by Yeasts Growing on Commercial Xylose in Submerged Cultures with Process Water Being Partially Replaced by Olive Mill Wastewaters. <i>Processes</i> , 2020, 8, 819.	1.3	23
52	Inventory of food processing side streams in European Union and prospects for biorefinery development. , 2020, , 181-199.		9
53	Valorization of low-cost, carbon-rich substrates by edible ascomycetes and basidiomycetes grown on liquid cultures. <i>FEMS Microbiology Letters</i> , 2020, 367, .	0.7	12
54	Varietal and Geographical Discrimination of Greek Monovarietal Extra Virgin Olive Oils Based on Squalene, Tocopherol, and Fatty Acid Composition. <i>Molecules</i> , 2020, 25, 3818.	1.7	21

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55	Spoilage Potential of <i>Pseudomonas</i> ( <i>P. fragi</i> , <i>P. putida</i> ) and LAB ( <i>Leuconostoc mesenteroides</i> ,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 GC/MS and Data Analytics. <i>Foods</i> , 2020, 9, 633.	1.9	38
56	Molecular Characterization and Enological Potential of A High Lactic Acid-Producing <i>Lachancea thermotolerans</i> Vineyard Strain. <i>Foods</i> , 2020, 9, 595.	1.9	28
57	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.	4.3	64
58	Nutrient Composition and Fatty Acid and Protein Profiles of Selected Fish By-Products. <i>Foods</i> , 2020, 9, 190.	1.9	40
59	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.	4.8	104
60	Olive Oil Oleogel Formulation Using Wax Esters Derived from Soybean Fatty Acid Distillate. <i>Biomolecules</i> , 2020, 10, 106.	1.8	27
61	Food waste from restaurant sector " Characterization for biorefinery approach. <i>Bioresource Technology</i> , 2020, 301, 122779.	4.8	44
62	Volatilome of Chill-Stored European Seabass ( <i>Dicentrarchus labrax</i> ) Fillets and Atlantic Salmon ( <i>Salmo salar</i> ) Slices under Modified Atmosphere Packaging. <i>Molecules</i> , 2020, 25, 1981.	1.7	25
63	Gas Chromatography"Mass Spectrometry-Based Metabolite Profiling for the Assessment of Freshness in Gilthead Sea Bream ( <i>Sparus aurata</i> ). <i>Foods</i> , 2020, 9, 464.	1.9	13
64	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
65	Elucidation of the Volatilome of Packaged Spanish-Style Green Olives of <i>Conservolea</i> and <i>Halkidiki</i> Varieties Using SPME-GC/MS. <i>Proceedings (mdpi)</i> , 2020, 70, .	0.2	6
66	Indigenous Yeast Interactions in Dual-Starter Fermentations May Improve the Varietal Expression of Moschofilero Wine. <i>Frontiers in Microbiology</i> , 2019, 10, 1712.	1.5	20
67	Biorefinery Engineering. , 2019, , 879-892.		0
68	Enzymatic synthesis of bio-based wax esters from palm and soybean fatty acids using crude lipases produced on agricultural residues. <i>Industrial Crops and Products</i> , 2019, 139, 111499.	2.5	21
69	Isolation, identification and screening of yeasts towards their ability to assimilate biodiesel-derived crude glycerol: microbial production of polyols, endopolysaccharides and lipid. <i>Journal of Applied Microbiology</i> , 2019, 127, 1080-1100.	1.4	41
70	Extraction of Phenolic Compounds from Palm Oil Processing Residues and Their Application as Antioxidants. <i>Food Technology and Biotechnology</i> , 2019, 57, 29-38.	0.9	46
71	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.	2.7	30
72	Bioprocess development for the production of novel oleogels from soybean and microbial oils. <i>Food Research International</i> , 2019, 126, 108684.	2.9	28

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73	Effect of Salt Addition upon the Production of Metabolic Compounds by <i>Yarrowia lipolytica</i> Cultivated on Biodiesel-Derived Glycerol Diluted with Olive-Mill Wastewaters. <i>Energies</i> , 2019, 12, 3649.	1.6	23
74	Investigation of Anthocyanins Stability from Pomegranate Juice ( <i>Punica Granatum</i> L. Cv Ermioni) under a Simulated Digestion Process. <i>Medicines (Basel, Switzerland)</i> , 2019, 6, 90.	0.7	17
75	Development of a Circular Oriented Bioprocess for Microbial Oil Production Using Diversified Mixed Confectionery Side-Streams. <i>Foods</i> , 2019, 8, 300.	1.9	24
76	Optimisation of 2,3-butanediol production by <i>Enterobacter ludwigii</i> using sugarcane molasses. <i>Biochemical Engineering Journal</i> , 2019, 152, 107370.	1.8	31
77	A volatilomics approach for off-line discrimination of minced beef and pork meat and their admixture using HS-SPME GC/MS in tandem with multivariate data analysis. <i>Meat Science</i> , 2019, 151, 43-53.	2.7	65
78	Development of Microbial Oil Wax-Based Oleogel with Potential Application in Food Formulations. <i>Food and Bioprocess Technology</i> , 2019, 12, 899-909.	2.6	22
79	Direct electrochemical extraction increases microbial succinic acid production from spent sulphite liquor. <i>Green Chemistry</i> , 2019, 21, 2401-2411.	4.6	19
80	Bioprocess development for (2R,3R)-butanediol and acetoin production using very high polarity cane sugar and sugarcane molasses by a <i>Bacillus amyloliquefaciens</i> strain. <i>Journal of Chemical Technology and Biotechnology</i> , 2019, 94, 2167-2177.	1.6	20
81	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.	3.2	70
82	Food waste: Challenges and opportunities for enhancing the emerging bio-economy. <i>Journal of Cleaner Production</i> , 2019, 221, 10-16.	4.6	133
83	Downstream separation and purification of succinic acid from fermentation broths using spent sulphite liquor as feedstock. <i>Separation and Purification Technology</i> , 2019, 209, 666-675.	3.9	40
84	A newly isolated <i>Enterobacter</i> sp. strain produces 2,3-butanediol during its cultivation on low-cost carbohydrate-based substrates. <i>FEMS Microbiology Letters</i> , 2019, 366, .	0.7	13
85	Life cycle assessment of bioprocessing schemes for poly(3-hydroxybutyrate) production using soybean oil and sucrose as carbon sources. <i>Resources, Conservation and Recycling</i> , 2019, 141, 317-328.	5.3	57
86	Production of Added-Value Chemical Compounds through Bioconversions of Olive-Mill Wastewaters Blended with Crude Glycerol by a <i>Yarrowia lipolytica</i> Strain. <i>Molecules</i> , 2019, 24, 222.	1.7	61
87	Biodegradation and toxicity of emerging contaminants: Isolation of an exopolysaccharide-producing <i>Sphingomonas</i> sp. for ionic liquids bioremediation. <i>Journal of Hazardous Materials</i> , 2019, 365, 88-96.	6.5	23
88	Improvement on bioprocess economics for 2,3-butanediol production from very high polarity cane sugar via optimisation of bioreactor operation. <i>Bioresource Technology</i> , 2019, 274, 343-352.	4.8	32
89	Enzymatic esterification of palm fatty-acid distillate for the production of polyol esters with biolubricant properties. <i>Industrial Crops and Products</i> , 2018, 116, 90-96.	2.5	74
90	Orange processing waste valorisation for the production of bio-based pigments using the fungal strains <i>Monascus purpureus</i> and <i>Penicillium purpurogenum</i> . <i>Journal of Cleaner Production</i> , 2018, 185, 882-890.	4.6	86

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91	Fumaric acid production using renewable resources from biodiesel and cane sugar production processes. <i>Environmental Science and Pollution Research</i> , 2018, 25, 35960-35970.	2.7	42
92	Solid-State Fermentation for the Production of Proteases and Amylases and Their Application in Nutrient Medium Production. , 2018, , 185-210.		4
93	Comparison of Different Compressed Fluids for Residual Oil Extraction from Palm Kernel Cake. <i>Waste and Biomass Valorization</i> , 2018, 9, 265-271.	1.8	2
94	Refining of wine lees and cheese whey for the production of microbial oil, polyphenol-rich extracts and value-added co-products. <i>Journal of Chemical Technology and Biotechnology</i> , 2018, 93, 257-268.	1.6	51
95	Valorisation of fruit and vegetable waste from open markets for the production of 2,3-butanediol. <i>Food and Bioproducts Processing</i> , 2018, 108, 27-36.	1.8	32
96	TREATMENT OF WASTEWATER WITH HIGH FAT CONTENT EMPLOYING AN ENZYME POOL AND BIOSURFACTANT: TECHNICAL AND ECONOMIC FEASIBILITY. <i>Brazilian Journal of Chemical Engineering</i> , 2018, 35, 531-542.	0.7	17
97	Assessment of Volatile Compounds Evolution, Antioxidant Activity, and Total Phenolics Content during Cold Storage of Pomegranate Beverage Fermented by <i>Lactobacillus paracasei</i> K5. <i>Fermentation</i> , 2018, 4, 95.	1.4	9
98	Synthesis and Characterization of Bacterial Cellulose from Citrus-Based Sustainable Resources. <i>ACS Omega</i> , 2018, 3, 10365-10373.	1.6	58
99	The use of indigenous <i>Saccharomyces cerevisiae</i> and <i>Starmarella bacillaris</i> strains as a tool to create chemical complexity in local wines. <i>Food Research International</i> , 2018, 111, 498-508.	2.9	47
100	Biodiversity and Enological Potential of Non-Saccharomyces Yeasts from Nemean Vineyards. <i>Fermentation</i> , 2018, 4, 32.	1.4	14
101	Bioprocess development for biolubricant production using microbial oil derived via fermentation from confectionery industry wastes. <i>Bioresource Technology</i> , 2018, 267, 311-318.	4.8	65
102	Valorization of spent sulphite liquor for succinic acid production via continuous fermentation system. <i>Biochemical Engineering Journal</i> , 2018, 137, 262-272.	1.8	22
103	<i>Rhodospiridium toruloides</i> cultivated in NaCl-enriched glucose-based media: Adaptation dynamics and lipid production. <i>Engineering in Life Sciences</i> , 2017, 17, 237-248.	2.0	68
104	Conversion of biodiesel-derived glycerol into biotechnological products of industrial significance by yeast and fungal strains. <i>Engineering in Life Sciences</i> , 2017, 17, 262-281.	2.0	84
105	Production of added-value metabolites by <i>Yarrowia lipolytica</i> growing in olive mill wastewater-based media under aseptic and non-aseptic conditions. <i>Engineering in Life Sciences</i> , 2017, 17, 695-709.	2.0	75
106	Succinic acid production by immobilized cultures using spent sulphite liquor as fermentation medium. <i>Bioresource Technology</i> , 2017, 238, 214-222.	4.8	32
107	Production of secondary metabolites through glycerol fermentation under carbon-excess conditions by the yeasts <i>Yarrowia lipolytica</i> and <i>Rhodospiridium toruloides</i> . <i>European Journal of Lipid Science and Technology</i> , 2017, 119, 1600507.	1.0	71
108	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.	2.3	35

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109	Ultrasound-assisted extraction of bioactive compounds from palm pressed fiber with high antioxidant and photoprotective activities. <i>Ultrasonics Sonochemistry</i> , 2017, 36, 362-366.	3.8	28
110	Lipid production and characterization by <i>Mortierella</i> ( <i>Umbelopsis</i> ) <i>isabellina</i> cultivated on lignocellulosic sugars. <i>Journal of Applied Microbiology</i> , 2017, 123, 1461-1477.	1.4	49
111	Bioactivity of Epigallocatechin Gallate Nanoemulsions Evaluated in Mice Model. <i>Journal of Medicinal Food</i> , 2017, 20, 923-931.	0.8	16
112	Production of wax esters via microbial oil synthesis from food industry waste and by-product streams. <i>Bioresource Technology</i> , 2017, 245, 274-282.	4.8	53
113	Lactic acid fermentation modelling of <i>Streptococcus thermophilus</i> YI-B1 and <i>Lactobacillus casei</i> Shirota using food waste derived media. <i>Biochemical Engineering Journal</i> , 2017, 127, 97-109.	1.8	26
114	A roadmap towards a circular and sustainable bioeconomy through waste valorization. <i>Current Opinion in Green and Sustainable Chemistry</i> , 2017, 8, 18-23.	3.2	213
115	Valorization of By-Products from Palm Oil Mills for the Production of Generic Fermentation Media for Microbial Oil Synthesis. <i>Applied Biochemistry and Biotechnology</i> , 2017, 181, 1241-1256.	1.4	25
116	Optimal design of upstream processes in biotransformation technologies. <i>Bioresource Technology</i> , 2017, 224, 509-514.	4.8	21
117	Effect of osmotic dehydration of olives as pre-fermentation treatment and partial substitution of sodium chloride by monosodium glutamate in the fermentation profile of Kalamata natural black olives. <i>Food Microbiology</i> , 2017, 63, 72-83.	2.1	10
118	Microbial oil production from various carbon sources by newly isolated oleaginous yeasts. <i>Engineering in Life Sciences</i> , 2017, 17, 333-344.	2.0	45
119	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.	3.8	25
120	Biotechnological Production of Fumaric Acid: The Effect of Morphology of <i>Rhizopus arrhizus</i> NRRL 2582. <i>Fermentation</i> , 2017, 3, 33.	1.4	26
121	Techno-Economic Evaluation of Refining of Food Supply Chain Wastes for the Production of Chemicals and Biopolymers. , 2017, , 147-164.		2
122	Production of fuels from microbial oil using oleaginous microorganisms. , 2016, , 201-236.		9
123	Pretreatment of spent sulphite liquor via ultrafiltration and nanofiltration for bio-based succinic acid production. <i>Journal of Biotechnology</i> , 2016, 233, 95-105.	1.9	34
124	Extraction of phenolic compounds and succinic acid production from spent sulphite liquor. <i>Journal of Chemical Technology and Biotechnology</i> , 2016, 91, 2751-2760.	1.6	29
125	Evaluation of an integrated biorefinery based on fractionation of spent sulphite liquor for the production of an antioxidant-rich extract, lignosulphonates and succinic acid. <i>Bioresource Technology</i> , 2016, 214, 504-513.	4.8	29
126	Valorization of bakery waste for biocolorant and enzyme production by <i>Monascus purpureus</i> . <i>Journal of Biotechnology</i> , 2016, 231, 55-64.	1.9	62



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127	Actinobacillus succinogenes : Advances on succinic acid production and prospects for development of integrated biorefineries. Biochemical Engineering Journal, 2016, 112, 285-303.	1.8	138
128	Techno-economic evaluation of wine lees refining for the production of value-added products. Biochemical Engineering Journal, 2016, 116, 157-165.	1.8	46
129	Downstream separation of poly(hydroxyalkanoates) using crude enzyme consortia produced via solid state fermentation integrated in a biorefinery concept. Food and Bioproducts Processing, 2016, 100, 323-334.	1.8	40
130	Modelling succinic acid fermentation using a xylose based substrate. Biochemical Engineering Journal, 2016, 114, 26-41.	1.8	45
131	Succinic acid production by <i>Actinobacillus succinogenes</i> from batch fermentation of mixed sugars. Journal of Industrial Microbiology and Biotechnology, 2016, 43, 1117-1130.	1.4	42
132	A mathematical programming formulation for biorefineries technology selection. Biochemical Engineering Journal, 2016, 116, 135-145.	1.8	10
133	Bacterial cellulose as stabilizer of o/w emulsions. Food Hydrocolloids, 2016, 53, 225-232.	5.6	150
134	Valorisation of side streams from wheat milling and confectionery industries for consolidated production and extraction of microbial lipids. Food Chemistry, 2016, 198, 85-92.	4.2	34
135	Extraction of bioactive compounds from palm ( <i>Elaeis guineensis</i> ) pressed fiber using different compressed fluids. Journal of Supercritical Fluids, 2016, 112, 51-56.	1.6	28
136	Techno-economic evaluation of a complete bioprocess for 2,3-butanediol production from renewable resources. Bioresource Technology, 2016, 204, 55-64.	4.8	96
137	Bacterial Cellulose Production from Industrial Waste and by-Product Streams. International Journal of Molecular Sciences, 2015, 16, 14832-14849.	1.8	235
138	Oleaginous yeast <i>Cryptococcus curvatus</i> exhibits interplay between biosynthesis of intracellular sugars and lipids. European Journal of Lipid Science and Technology, 2015, 117, 657-672.	1.0	68
139	Wine lees valorization: Biorefinery development including production of a generic fermentation feedstock employed for poly(3-hydroxybutyrate) synthesis. Food Research International, 2015, 73, 81-87.	2.9	83
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