

Apostolis A Koutinas

List of Publications by Year in descending order

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196
papers

9,844
citations

31902

53
h-index

48187

88
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201
all docs

201
docs citations

201
times ranked

8948
citing authors

#	ARTICLE	IF	CITATIONS
1	Food waste as a valuable resource for the production of chemicals, materials and fuels. Current situation and global perspective. <i>Energy and Environmental Science</i> , 2013, 6, 426.	15.6	874
2	Valorization of industrial waste and by-product streams via fermentation for the production of chemicals and biopolymers. <i>Chemical Society Reviews</i> , 2014, 43, 2587.	18.7	437
3	Design and techno-economic evaluation of microbial oil production as a renewable resource for biodiesel and oleochemical production. <i>Fuel</i> , 2014, 116, 566-577.	3.4	301
4	Bacterial Cellulose Production from Industrial Waste and by-Product Streams. <i>International Journal of Molecular Sciences</i> , 2015, 16, 14832-14849.	1.8	235
5	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
6	Substrate and product inhibition kinetics in succinic acid production by <i>Actinobacillus succinogenes</i> . <i>Biochemical Engineering Journal</i> , 2008, 41, 128-135.	1.8	169
7	The potential for agro-industrial waste utilization using oleaginous yeast for the production of biodiesel. <i>Fuel</i> , 2014, 123, 33-42.	3.4	150
8	Bacterial cellulose as stabilizer of o/w emulsions. <i>Food Hydrocolloids</i> , 2016, 53, 225-232.	5.6	150
9	Current and future trends in food waste valorization for the production of chemicals, materials and fuels: a global perspective. <i>Biofuels, Bioproducts and Biorefining</i> , 2014, 8, 686-715.	1.9	148
10	<i>Actinobacillus succinogenes</i> : Advances on succinic acid production and prospects for development of integrated biorefineries. <i>Biochemical Engineering Journal</i> , 2016, 112, 285-303.	1.8	138
11	Food waste: Challenges and opportunities for enhancing the emerging bio-economy. <i>Journal of Cleaner Production</i> , 2019, 221, 10-16.	4.6	133
12	Microbiological spoilage and investigation of volatile profile during storage of sea bream fillets under various conditions. <i>International Journal of Food Microbiology</i> , 2014, 189, 153-163.	2.1	132
13	Lipid production by yeasts growing on biodiesel-derived crude glycerol: strain selection and impact of substrate concentration on the fermentation efficiency. <i>Journal of Applied Microbiology</i> , 2015, 118, 911-927.	1.4	126
14	A wheat biorefining strategy based on solid-state fermentation for fermentative production of succinic acid. <i>Bioresource Technology</i> , 2008, 99, 8310-8315.	4.8	117
15	Cereal-based biorefinery development: Utilisation of wheat milling by-products for the production of succinic acid. <i>Journal of Biotechnology</i> , 2009, 143, 51-59.	1.9	114
16	The dynamics of the HS/SPME-GC/MS as a tool to assess the spoilage of minced beef stored under different packaging and temperature conditions. <i>International Journal of Food Microbiology</i> , 2015, 193, 51-58.	2.1	109
17	Variation of the Chemical Profile and Antioxidant Behavior of <i>Rosmarinus officinalis</i> L. and <i>Salvia fruticosa</i> Miller Grown in Greece. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 7254-7264.	2.4	105
18	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

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19	The biochemurgist â€ Bioconversion of agricultural raw materials for chemical production. <i>Biofuels, Bioproducts and Biorefining</i> , 2007, 1, 24-38.	1.9	101
20	Enhanced 1,3-propanediol production by a newly isolated <i>Citrobacter freundii</i> strain cultivated on biodiesel-derived waste glycerol through sterile and non-sterile bioprocesses. <i>Journal of Biotechnology</i> , 2013, 163, 408-418.	1.9	97
21	Techno-economic evaluation of a complete bioprocess for 2,3-butanediol production from renewable resources. <i>Bioresource Technology</i> , 2016, 204, 55-64.	4.8	96
22	Evaluation of by-products from the biodiesel industry as fermentation feedstock for poly(3-hydroxybutyrate-co-3-hydroxyvalerate) production by <i>Cupriavidus necator</i> . <i>Bioresource Technology</i> , 2013, 130, 16-22.	4.8	95
23	Formulation of fermentation media from flour-rich waste streams for microbial lipid production by <i>Lipomyces starkeyi</i> . <i>Journal of Biotechnology</i> , 2014, 189, 36-45.	1.9	91
24	Chemical transformations of succinic acid recovered from fermentation broths by a novel direct vacuum distillation-crystallisation method. <i>Green Chemistry</i> , 2009, 11, 193-200.	4.6	89
25	Bioconversion of rapeseed meal for the production of a generic microbial feedstock. <i>Enzyme and Microbial Technology</i> , 2010, 47, 77-83.	1.6	86
26	Citric acid, biomass and cellular lipid production by <i>Yarrowia lipolytica</i> strains cultivated on olive mill wastewaterâ€based media. <i>Journal of Chemical Technology and Biotechnology</i> , 2011, 86, 1439-1448.	1.6	86
27	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
28	Polyhydroxybutyrate production from a novel feedstock derived from a wheat-based biorefinery. <i>Enzyme and Microbial Technology</i> , 2007, 40, 1035-1044.	1.6	84
29	Importance of the methyl-citrate cycle on glycerol metabolism in the yeast <i>Yarrowia lipolytica</i> . <i>Journal of Biotechnology</i> , 2013, 168, 303-314.	1.9	84
30	Conversion of biodieselâ€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
31	Wine lees valorization: Biorefinery development including production of a generic fermentation feedstock employed for poly(3-hydroxybutyrate) synthesis. <i>Food Research International</i> , 2015, 73, 81-87.	2.9	83
32	Succinic acid production from wheat using a biorefining strategy. <i>Applied Microbiology and Biotechnology</i> , 2007, 76, 1263-1270.	1.7	77
33	Biorefining of by-product streams from sunflower-based biodiesel production plants for integrated synthesis of microbial oil and value-added co-products. <i>Bioresource Technology</i> , 2015, 190, 57-65.	4.8	76
34	Production of addedâ€value metabolites by <i>Yarrowia lipolytica</i> growing in olive mill wastewaterâ€based media under aseptic and nonâ€aseptic conditions. <i>Engineering in Life Sciences</i> , 2017, 17, 695-709.	2.0	75
35	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
36	Tunable mesoporous materials optimised for aqueous phase esterifications. <i>Green Chemistry</i> , 2007, 9, 992.	4.6	72

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37	Cereal-based biorefinery development: Integrated enzyme production for cereal flour hydrolysis. <i>Biotechnology and Bioengineering</i> , 2007, 97, 61-72.	1.7	71
38	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
39	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
40	Oleaginous yeast <i>Cryptococcus curvatus</i> exhibits interplay between biosynthesis of intracellular sugars and lipids. <i>European Journal of Lipid Science and Technology</i> , 2015, 117, 657-672.	1.0	68
41	<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
42	Utilisation of By-Products from Sunflower-Based Biodiesel Production Processes for the Production of Fermentation Feedstock. <i>Waste and Biomass Valorization</i> , 2013, 4, 529-537.	1.8	66
43	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
44	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
45	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
46	Microbial biodegradable plastic production from a wheat-based biorefining strategy. <i>Process Biochemistry</i> , 2010, 45, 153-163.	1.8	63
47	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
48	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
49	Prospects on bio-based 2,3-butanediol and acetoin production: Recent progress and advances. <i>Biotechnology Advances</i> , 2022, 54, 107783.	6.0	61
50	Evaluating glucose and xylose as cosubstrates for lipid accumulation and γ -linolenic acid biosynthesis of <i>Thamnidium elegans</i> . <i>Journal of Applied Microbiology</i> , 2013, 114, 1020-1032.	1.4	60
51	Sunflower-based biorefinery: Poly(3-hydroxybutyrate) and poly(3-hydroxybutyrate-co) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 18 <i>Technology</i> , 2014, 172, 121-130.	4.8	60
52	Synthesis and Characterization of Bacterial Cellulose from Citrus-Based Sustainable Resources. <i>ACS Omega</i> , 2018, 3, 10365-10373.	1.6	58
53	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
54	Aerated vs non-aerated conversions of molasses and olive mill wastewaters blends into bioethanol by <i>Saccharomyces cerevisiae</i> under non-aseptic conditions. <i>Industrial Crops and Products</i> , 2014, 56, 83-93.	2.5	56

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55	Investigation of Volatiles Evolution during the Alcoholic Fermentation of Grape Must Using Free and Immobilized Cells with the Help of Solid Phase Microextraction (SPME) Headspace Sampling. <i>Journal of Agricultural and Food Chemistry</i> , 2002, 50, 3840-3848.	2.4	54
56	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
57	Conversions of olive mill wastewater-based media by <i>Saccharomyces cerevisiae</i> through sterile and non-sterile bioprocesses. <i>Journal of Chemical Technology and Biotechnology</i> , 2013, 88, 958-969.	1.6	52
58	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
59	Performance of two potential probiotic <i>Lactobacillus</i> strains from the olive microbiota as starters in the fermentation of heat shocked green olives. <i>International Journal of Food Microbiology</i> , 2014, 171, 68-76.	2.1	50
60	Process Design and Optimization of Novel Wheat-Based Continuous Bioethanol Production System. <i>Biotechnology Progress</i> , 2007, 23, 1394-1403.	1.3	49
61	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
62	Development of a process for the production of nutrient supplements for fermentations based on fungal autolysis. <i>Enzyme and Microbial Technology</i> , 2005, 36, 629-638.	1.6	47
63	The use of indigenous <i>Saccharomyces cerevisiae</i> and <i>Starmerella 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
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	Improving wheat flour hydrolysis by an enzyme mixture from solid state fungal fermentation. <i>Enzyme and Microbial Technology</i> , 2009, 44, 223-228.	1.6	46
66	Techno-economic evaluation of wine lees refining for the production of value-added products. <i>Biochemical Engineering Journal</i> , 2016, 116, 157-165.	1.8	46
67	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
68	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
69	Integrated sunflower-based biorefinery for the production of antioxidants, protein isolate and poly(3-hydroxybutyrate). <i>Industrial Crops and Products</i> , 2015, 71, 106-113.	2.5	45
70	Modelling succinic acid fermentation using a xylose based substrate. <i>Biochemical Engineering Journal</i> , 2016, 114, 26-41.	1.8	45
71	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
72	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

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73	Food waste from restaurant sector – Characterization for biorefinery approach. <i>Bioresource Technology</i> , 2020, 301, 122779.	4.8	44
74	Biorefinery development through utilization of biodiesel industry by-products as sole fermentation feedstock for 1,3-propanediol production. <i>Bioresource Technology</i> , 2014, 159, 167-175.	4.8	42
75	Succinic acid production by <i>Actinobacillus succinogenes</i> from batch fermentation of mixed sugars. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2016, 43, 1117-1130.	1.4	42
76	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
77	Biodiesel production using microbial lipids derived from food waste discarded by catering services. <i>Bioresource Technology</i> , 2021, 323, 124597.	4.8	42
78	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
79	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
80	Evaluation of wheat as generic feedstock for chemical production. <i>Industrial Crops and Products</i> , 2004, 20, 75-88.	2.5	40
81	Downstream separation of poly(hydroxyalkanoates) using crude enzyme consortia produced via solid state fermentation integrated in a biorefinery concept. <i>Food and Bioprocess Technology</i> , 2016, 100, 323-334.	1.8	40
82	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
83	Nutrient Composition and Fatty Acid and Protein Profiles of Selected Fish By-Products. <i>Foods</i> , 2020, 9, 190.	1.9	40
84	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
85	Development of an Oat-Based Biorefinery for the Production of (+)-Lactic Acid by <i>Rhizopus oryzae</i> and Various Value-Added Coproducts. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 1755-1761.	2.4	38
86	Spoilage Potential of <i>Pseudomonas</i> (<i>P. fragi</i> , <i>P. putida</i>) and LAB (<i>Leuconostoc mesenteroides</i>) by FTIR, GC/MS and Data Analytics. <i>Foods</i> , 2020, 9, 633.	1.9	38
87	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
88	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
89	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
90	Valorisation of side streams from wheat milling and confectionery industries for consolidated production and extraction of microbial lipids. <i>Food Chemistry</i> , 2016, 198, 85-92.	4.2	34

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91	Enhanced 2,3-Butanediol production by mutant <i>Enterobacter ludwigii</i> using Brewersâ€™ spent grain hydrolysate: Process optimization for a pragmatic biorefinery loom. <i>Chemical Engineering Journal</i> , 2022, 427, 130851.	6.6	34
92	Estimation of fungal growth in complex, heterogeneous culture. <i>Biochemical Engineering Journal</i> , 2003, 14, 93-100.	1.8	32
93	Succinic acid production by immobilized cultures using spent sulphite liquor as fermentation medium. <i>Bioresource Technology</i> , 2017, 238, 214-222.	4.8	32
94	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
95	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
96	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
97	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
98	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
99	Microbiological and Chemical Properties of Chokeberry Juice Fermented by Novel Lactic Acid Bacteria with Potential Probiotic Properties during Fermentation at 4 Â°C for 4 Weeks. <i>Foods</i> , 2021, 10, 768.	1.9	30
100	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
101	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
102	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
103	Techno-economic risk assessment, life cycle analysis and life cycle costing for poly(butylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10. <i>Environment</i> , 2022, 806, 150594.	3.9	29
104	Kinetic parameters of <i>Aspergillus awamori</i> in submerged cultivations on whole wheat flour under oxygen limiting conditions. <i>Biochemical Engineering Journal</i> , 2003, 16, 23-34.	1.8	28
105	Volatile Compounds of Wines Produced by Cells Immobilized on Grape Skins. <i>Journal of Agricultural and Food Chemistry</i> , 2003, 51, 3060-3066.	2.4	28
106	Extraction of bioactive compounds from palm (<i>Elaeis guineensis</i>) pressed fiber using different compressed fluids. <i>Journal of Supercritical Fluids</i> , 2016, 112, 51-56.	1.6	28
107	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
108	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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109	Molecular Characterization and Enological Potential of A High Lactic Acid-Producing Lachancea thermotolerans Vineyard Strain. <i>Foods</i> , 2020, 9, 595.	1.9	28
110	Olive Oil Oleogel Formulation Using Wax Esters Derived from Soybean Fatty Acid Distillate. <i>Biomolecules</i> , 2020, 10, 106.	1.8	27
111	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
112	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
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	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
115	Liquidâ€“Liquid Extraction of Phenolic Compounds from Spent Sulphite Liquor. <i>Waste and Biomass Valorization</i> , 2015, 6, 1149-1159.	1.8	25
116	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
117	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
118	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
119	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
120	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
121	The Application of a Generic Feedstock from Wheat for Microbial Fermentations. <i>Biotechnology Progress</i> , 2002, 18, 1033-1038.	1.3	23
122	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
123	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
124	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
125	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
126	Bioprocess Development for 2,3-Butanediol Production by <i>Paenibacillus</i> Strains. <i>ChemBioEng Reviews</i> , 2021, 8, 44-62.	2.6	23

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127	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
128	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
129	Estimation of volumetric mass transfer coefficient (k_La)—Review of classical approaches and contribution of a novel methodology. <i>Biochemical Engineering Journal</i> , 2020, 155, 107458.	1.8	22
130	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
131	Optimal design of upstream processes in biotransformation technologies. <i>Bioresource Technology</i> , 2017, 224, 509-514.	4.8	21
132	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
133	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
134	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
135	Dry processing of oats — Application of dry milling. <i>Journal of Food Engineering</i> , 2007, 82, 559-567.	2.7	20
136	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
137	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
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