

Seraphim Papanikolaou

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

153
papers

10,621
citations

60
h-index

100
g-index

155
ext. papers

11,754
ext. citations

5.2
avg. IF

6.52
L-index

#	Paper	IF	Citations
153	Effect of Yeast Assimilable Nitrogen Content on Fermentation Kinetics, Wine Chemical Composition and Sensory Character in the Production of Assyrtiko Wines. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 1405	2.6	2
152	Sustainable and Eco-Friendly Conversions of Olive Mill Wastewater-Based Media by <i>Pleurotus pulmonarius</i> Cultures. <i>Fermentation</i> , 2022 , 8, 129	4.7	1
151	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	4.7	1
150	Trials of Commercial- and Wild-Type <i>Saccharomyces cerevisiae</i> Strains under Aerobic and Microaerophilic/Anaerobic Conditions: Ethanol Production and Must Fermentation from Grapes of Santorini (Greece) Native Varieties. <i>Fermentation</i> , 2022 , 8, 249	4.7	1
149	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	1.5	0
148	Detoxification of Molasses and Production of Mycelial Mass and Valuable Metabolites by <i>Morchella</i> Species. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 9481	2.6	1
147	Assessing the Biofilm Formation Capacity of the Wine Spoilage Yeast through FTIR Spectroscopy. <i>Microorganisms</i> , 2021 , 9,	4.9	1
146	Enzymatic production of isopropyl and 2-ethylhexyl esters using α -linolenic acid rich fungal oil produced from spent sulphite liquor. <i>Biochemical Engineering Journal</i> , 2021 , 169, 107956	4.2	3
145	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	8.3	3
144	Adaptive laboratory evolution principles and applications in industrial biotechnology. <i>Biotechnology Advances</i> , 2021 , 54, 107795	17.8	12
143	A study of the suitability of three commercial bioaugmentation products for use in grease traps. <i>Biomass Conversion and Biorefinery</i> , 2021 , 11, 907-924	2.3	0
142	Impact of olive mill wastewaters on the physiological behavior of a wild-type new <i>Ganoderma resinaceum</i> isolate. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 20570-20585	5.1	3
141	Biotechnological valorization of biodiesel-derived glycerol: Trials with the non-conventional yeasts <i>Yarrowia lipolytica</i> and <i>Rhodospiridium</i> sp. <i>Carbon Resources Conversion</i> , 2021 , 4, 61-75	4.7	12
140	Physiological Characterization of a Novel Wild-Type <i>Yarrowia lipolytica</i> Strain Grown on Glycerol: Effects of Cultivation Conditions and Mode on Polyols and Citric Acid Production. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 7373	2.6	11
139	Lipid and Poly-Unsaturated Fatty Acid Production by Oleaginous Microorganisms Cultivated on Hydrophobic Substrates 2020 , 115-144		0
138	Production of added-value microbial metabolites during growth of yeast strains on media composed of biodiesel-derived crude glycerol and glycerol/xylose blends. <i>FEMS Microbiology Letters</i> , 2020 , 367,	2.9	23
137	Lipids by Strains Cultivated on Glucose in Batch Cultures. <i>Microorganisms</i> , 2020 , 8,	4.9	10

136	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	2.9	13
135	Lipid production by <i>Cryptococcus curvatus</i> growing on commercial xylose and subsequent valorization of fermentation waste-waters for the production of edible and medicinal mushrooms. <i>Biochemical Engineering Journal</i> , 2020 , 162, 107706	4.2	8
134	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	3.5	22
133	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	3.1	16
132	Development of a Circular Oriented Bioprocess for Microbial Oil Production Using Diversified Mixed Confectionery Side-Streams. <i>Foods</i> , 2019 , 8,	4.9	18
131	Optimisation of 2,3-butanediol production by <i>Enterobacter ludwigii</i> using sugarcane molasses. <i>Biochemical Engineering Journal</i> , 2019 , 152, 107370	4.2	14
130	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	3.5	4
129	Sources of microbial oils with emphasis to <i>Mortierella (Umbelopsis) isabellina</i> fungus. <i>World Journal of Microbiology and Biotechnology</i> , 2019 , 35, 63	4.4	37
128	Screening various <i>Yarrowia lipolytica</i> strains for citric acid production. <i>Yeast</i> , 2019 , 36, 319-327	3.4	21
127	Enhanced fat degradation following the addition of a <i>Pseudomonas</i> species to a bioaugmentation product used in grease traps. <i>Journal of Environmental Sciences</i> , 2019 , 77, 174-188	6.4	7
126	Citric Acid Production by <i>Yarrowia lipolytica</i> 2019 , 91-117		6
125	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	4.7	30
124	Upgrading Grape Pomace through spp. Cultivation for the Production of Enzymes and Fruiting Bodies. <i>Microorganisms</i> , 2019 , 7,	4.9	16
123	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	5.1	14
122	Valorization of Crude Glycerol, Residue Deriving from Biodiesel- Production Process, with the Use of Wild-type New Isolated <i>Yarrowia lipolytica</i> Strains: Production of Metabolites with Pharmaceutical and Biotechnological Interest. <i>Current Pharmaceutical Biotechnology</i> , 2019 , 20, 881-894	2.6	13
121	Effect of Myclobutanil Pesticide on the Physiological Behavior of Two Newly Isolated Strains during Very-High-Gravity Alcoholic Fermentation. <i>Microorganisms</i> , 2019 , 7,	4.9	9
120	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,	2.9	6
119	Production of Added-Value Chemical Compounds through Bioconversions of Olive-Mill Wastewaters Blended with Crude Glycerol by a Strain. <i>Molecules</i> , 2019 , 24,	4.8	37

118	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	10.3	60
117	Fumaric acid production using renewable resources from biodiesel and cane sugar production processes. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 35960-35970	5.1	33
116	Critical steps in carbon metabolism affecting lipid accumulation and their regulation in oleaginous microorganisms. <i>Applied Microbiology and Biotechnology</i> , 2018 , 102, 2509-2523	5.7	103
115	Effect of <i>Lactobacillus</i> -produced bacteriocin thermophilin T on the microbiological and physicochemical characteristics of Myzithra whey cheese. <i>International Journal of Dairy Technology</i> , 2018 , 71, 213-222	3.7	6
114	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	3.5	32
113	Valorisation of fruit and vegetable waste from open markets for the production of 2,3-butanediol. <i>Food and Bioprocess Processing</i> , 2018 , 108, 27-36	4.9	20
112	Waste fat biodegradation and biomodification by and a bacterial consortium composed of spp. and. <i>Engineering in Life Sciences</i> , 2018 , 18, 932-942	3.4	20
111	Biomodification of fats and oils and scenarios of adding value on renewable fatty materials through microbial fermentations: Modelling and trials with <i>Yarrowia lipolytica</i> . <i>Journal of Cleaner Production</i> , 2018 , 200, 1111-1129	10.3	31
110	Bioprocess development for biolubricant production using microbial oil derived via fermentation from confectionery industry wastes. <i>Bioresource Technology</i> , 2018 , 267, 311-318	11	43
109	Lipids from yeasts and fungi: physiology, production and analytical considerations. <i>Journal of Applied Microbiology</i> , 2018 , 124, 336-367	4.7	92
108	Data on cellular lipids of grown on fatty substrates. <i>Data in Brief</i> , 2018 , 21, 1037-1044	1.2	6
107	Production of oils and fats by oleaginous microorganisms with an emphasis given to the potential of the nonconventional yeast <i>Yarrowia lipolytica</i> . <i>Critical Reviews in Biotechnology</i> , 2018 , 38, 1230-1243	9.4	64
106	Degradation of Fat by a Bioaugmentation Product Comprising of <i>Bacillus</i> spp. Before and After the Addition of a <i>Pseudomonas</i> sp. <i>European Journal of Lipid Science and Technology</i> , 2018 , 120, 1700264	3	8
105	cultivated in NaCl-enriched glucose-based media: Adaptation dynamics and lipid production. <i>Engineering in Life Sciences</i> , 2017 , 17, 237-248	3.4	46
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	3.4	66
103	Production of added-value metabolites by growing in olive mill wastewater-based media under aseptic and non-aseptic conditions. <i>Engineering in Life Sciences</i> , 2017 , 17, 695-709	3.4	51
102	Substrates and oxygen dependent citric acid production by <i>Yarrowia lipolytica</i> : insights through transcriptome and fluxome analyses. <i>Microbial Cell Factories</i> , 2017 , 16, 78	6.4	62
101	Succinic acid production by immobilized cultures using spent sulphite liquor as fermentation medium. <i>Bioresource Technology</i> , 2017 , 238, 214-222	11	25

100	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	3	54
99	Lipid production and characterization by <i>Mortierella (Umbelopsis) isabellina</i> cultivated on lignocellulosic sugars. <i>Journal of Applied Microbiology</i> , 2017 , 123, 1461-1477	4.7	35
98	Production of wax esters via microbial oil synthesis from food industry waste and by-product streams. <i>Bioresource Technology</i> , 2017 , 245, 274-282	11	41
97	Storage lipid and polysaccharide metabolism in <i>Yarrowia lipolytica</i> and <i>Umbelopsis isabellina</i> . <i>Applied Microbiology and Biotechnology</i> , 2017 , 101, 7213-7226	5.7	49
96	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	3.2	19
95	Microbial oil production from various carbon sources by newly isolated oleaginous yeasts. <i>Engineering in Life Sciences</i> , 2017 , 17, 333-344	3.4	33
94	Biotechnological Production of Fumaric Acid: The Effect of Morphology of <i>Rhizopus arrhizus</i> NRRL 2582. <i>Fermentation</i> , 2017 , 3, 33	4.7	20
93	Downstream separation of poly(hydroxyalkanoates) using crude enzyme consortia produced via solid state fermentation integrated in a biorefinery concept. <i>Food and Bioproducts Processing</i> , 2016 , 100, 323-334	4.9	30
92	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	8.5	28
91	Techno-economic evaluation of a complete bioprocess for 2,3-butanediol production from renewable resources. <i>Bioresource Technology</i> , 2016 , 204, 55-64	11	73
90	Adaptation of <i>Volvariella volvacea</i> metabolism in high carbon to nitrogen ratio media. <i>Food Chemistry</i> , 2016 , 196, 272-80	8.5	15
89	Production of fuels from microbial oil using oleaginous microorganisms 2016 , 201-236		6
88	Pretreatment of spent sulphite liquor via ultrafiltration and nanofiltration for bio-based succinic acid production. <i>Journal of Biotechnology</i> , 2016 , 233, 95-105	3.7	25
87	Biotechnological production of ethanol: Biochemistry, processes and technologies. <i>Engineering in Life Sciences</i> , 2016 , 16, 307-329	3.4	95
86	Extraction of phenolic compounds and succinic acid production from spent sulphite liquor. <i>Journal of Chemical Technology and Biotechnology</i> , 2016 , 91, 2751-2760	3.5	26
85	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	11	25
84	Bioconversion of olive mill wastewater into high-added value products. <i>Journal of Cleaner Production</i> , 2016 , 139, 957-969	10.3	73
83	Techno-economic evaluation of wine lees refining for the production of value-added products. <i>Biochemical Engineering Journal</i> , 2016 , 116, 157-165	4.2	36

82	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	5.9	35
81	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	11	62
80	Fatty acid lithium salts from <i>Cunninghamella echinulata</i> have cytotoxic and genotoxic effects on HL-60 human leukemia cells. <i>Engineering in Life Sciences</i> , 2015 , 15, 243-253	3.4	16
79	Bacterial Cellulose Production from Industrial Waste and by-Product Streams. <i>International Journal of Molecular Sciences</i> , 2015 , 16, 14832-49	6.3	175
78	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	3	53
77	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	7	62
76	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, 911-27	4.7	109
75	Morphological and metabolic shifts of <i>Yarrowia lipolytica</i> induced by alteration of the dissolved oxygen concentration in the growth environment. <i>Microbiology (United Kingdom)</i> , 2014 , 160, 807-817	2.9	71
74	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	5.9	44
73	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	7.1	249
72	The olive mill wastewater as substrate for single cell oil production by Zygomycetes. <i>Journal of Biotechnology</i> , 2014 , 170, 50-9	3.7	50
71	Valorization of industrial waste and by-product streams via fermentation for the production of chemicals and biopolymers. <i>Chemical Society Reviews</i> , 2014 , 43, 2587-627	58.5	368
70	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	5.3	122
69	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	3.7	76
68	Sunflower-based biorefinery: poly(3-hydroxybutyrate) and poly(3-hydroxybutyrate-co-3-hydroxyvalerate) production from crude glycerol, sunflower meal and levulinic acid. <i>Bioresource Technology</i> , 2014 , 172, 121-130	11	47
67	Biorefinery development through utilization of biodiesel industry by-products as sole fermentation feedstock for 1,3-propanediol production. <i>Bioresource Technology</i> , 2014 , 159, 167-75	11	40
66	Patterns of major metabolites biosynthesis by different mushroom fungi grown on glucose-based submerged cultures. <i>Bioprocess and Biosystems Engineering</i> , 2014 , 37, 1385-400	3.7	33
65	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	3.2	57

64	Production of Fermentation Feedstock from Jerusalem Artichoke Tubers and its Potential for Polyhydroxybutyrate Synthesis. <i>Waste and Biomass Valorization</i> , 2013 , 4, 359-370	3.2	11
63	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, 408-18	3.7	81
62	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	3.7	71
61	Evaluating glucose and xylose as cosubstrates for lipid accumulation and ω -linolenic acid biosynthesis of <i>Thamnidium elegans</i> . <i>Journal of Applied Microbiology</i> , 2013 , 114, 1020-32	4.7	51
60	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	3.5	44
59	Importance of the methyl-citrate cycle on glycerol metabolism in the yeast <i>Yarrowia lipolytica</i> . <i>Journal of Biotechnology</i> , 2013 , 168, 303-14	3.7	18
58	Adaptation dynamics of <i>Clostridium butyricum</i> in high 1,3-propanediol content media. <i>Applied Microbiology and Biotechnology</i> , 2012 , 95, 1541-52	5.7	12
57	Production of 1,3-propanediol, 2,3-butanediol and ethanol by a newly isolated <i>Klebsiella oxytoca</i> strain growing on biodiesel-derived glycerol based media. <i>Process Biochemistry</i> , 2012 , 47, 1872-1882	4.8	96
56	Screening of bacterial strains capable of converting biodiesel-derived raw glycerol into 1,3-propanediol, 2,3-butanediol and ethanol. <i>Engineering in Life Sciences</i> , 2012 , 12, 57-68	3.4	72
55	Effect of impurities in biodiesel-derived waste glycerol on the performance and feasibility of biotechnological processes. <i>Applied Microbiology and Biotechnology</i> , 2012 , 95, 13-27	5.7	124
54	Mushroom polysaccharides and lipids synthesized in liquid agitated and static cultures. Part I: screening various mushroom species. <i>Applied Biochemistry and Biotechnology</i> , 2012 , 167, 536-51	3.2	22
53	Mushroom polysaccharides and lipids synthesized in liquid agitated and static cultures. Part II: study of <i>Volvariella volvacea</i> . <i>Applied Biochemistry and Biotechnology</i> , 2012 , 167, 1890-906	3.2	30
52	Biotechnological conversion of waste cooking olive oil into lipid-rich biomass using <i>Aspergillus</i> and <i>Penicillium</i> strains. <i>Journal of Applied Microbiology</i> , 2011 , 110, 1138-50	4.7	89
51	Biotechnological valorization of low-cost sugar-based media for bacteriocin production by <i>Leuconostoc mesenteroides</i> E131. <i>New Biotechnology</i> , 2011 , 28, 600-9	6.4	8
50	Impact of anaerobiosis strategy and bioreactor geometry on the biochemical response of <i>Clostridium butyricum</i> VPI 1718 during 1,3-propanediol fermentation. <i>Bioresource Technology</i> , 2011 , 102, 10625-32	11	36
49	Lipid synthesized by micro-algae grown in laboratory- and industrial-scale bioreactors. <i>Engineering in Life Sciences</i> , 2011 , 11, 52-58	3.4	50
48	Biomass, laccase and endoglucanase production by <i>Lentinula edodes</i> during solid state fermentation of reed grass, bean stalks and wheat straw residues. <i>World Journal of Microbiology and Biotechnology</i> , 2011 , 27, 285-297	4.4	39
47	Production of 1,3-propanediol by <i>Clostridium butyricum</i> growing on biodiesel-derived crude glycerol through a non-sterilized fermentation process. <i>Applied Microbiology and Biotechnology</i> , 2011 , 91, 101-12	5.7	128

46	Effect of <i>Origanum vulgare</i> L. Essential Oil on Growth and Lipid Profile of <i>Yarrowia lipolytica</i> Cultivated on Glycerol-Based Media. <i>JAACS, Journal of the American Oil Chemists Society</i> , 2011 , 88, 1955-1964	18	25
45	Citric acid, biomass and cellular lipid production by <i>Yarrowia lipolytica</i> strains cultivated on olive mill wastewater-based media. <i>Journal of Chemical Technology and Biotechnology</i> , 2011 , 86, 1439-1448	3-5	73
44	Lipids of oleaginous yeasts. Part I: Biochemistry of single cell oil production. <i>European Journal of Lipid Science and Technology</i> , 2011 , 113, 1031-1051	3	447
43	Lipids of oleaginous yeasts. Part II: Technology and potential applications. <i>European Journal of Lipid Science and Technology</i> , 2011 , 113, 1052-1073	3	276
42	Biodiesel production from microbial oil 2011 , 177-198		8
41	Biotechnological conversions of biodiesel derived waste glycerol by yeast and fungal species. <i>Energy</i> , 2011 , 36, 1097-1108	7-9	222
40	Suitability of Low-Cost Sugars as Substrates for Lipid Production by the Fungus <i>Thamnidium elegans</i> . <i>Energy & Fuels</i> , 2010 , 24, 4078-4086	4-1	55
39	Cheese whey as a renewable substrate for microbial lipid and biomass production by Zygomycetes. <i>Engineering in Life Sciences</i> , 2010 , 10, 348-360	3-4	85
38	Biotechnological conversions of bio-diesel derived waste glycerol into added-value compounds by higher fungi: production of biomass, single cell oil and oxalic acid. <i>Industrial Crops and Products</i> , 2010 , 31, 407-416	5-9	115
37	<i>Yarrowia lipolytica</i> : A model microorganism used for the production of tailor-made lipids. <i>European Journal of Lipid Science and Technology</i> , 2010 , 112, 639-654	3	143
36	Commercial sugars as substrates for lipid accumulation in <i>Cunninghamella echinulata</i> and <i>Mortierella isabellina</i> fungi. <i>European Journal of Lipid Science and Technology</i> , 2010 , 112, 1048-1057	3	91
35	Characterization of olive fruit microflora and its effect on olive oil volatile compounds biogenesis. <i>European Journal of Lipid Science and Technology</i> , 2010 , 112, 1024-1032	3	12
34	Effect of biodiesel-derived waste glycerol impurities on biomass and 1,3-propanediol production of <i>Clostridium butyricum</i> VPI 1718. <i>Biotechnology and Bioengineering</i> , 2010 , 107, 76-84	4-9	88
33	Biosynthesis of lipids and organic acids by <i>Yarrowia lipolytica</i> strains cultivated on glucose. <i>European Journal of Lipid Science and Technology</i> , 2009 , 111, 1221-1232	3	122
32	Biotechnological valorization of biodiesel derived glycerol waste through production of single cell oil and citric acid by <i>Yarrowia lipolytica</i> . <i>Lipid Technology</i> , 2009 , 21, 83-87		171
31	Evaluating renewable carbon sources as substrates for single cell oil production by <i>Cunninghamella echinulata</i> and <i>Mortierella isabellina</i> . <i>Biomass and Bioenergy</i> , 2009 , 33, 573-580	5-3	268
30	Enhanced ethanol production, volatile compound biosynthesis and fungicide removal during growth of a newly isolated <i>Saccharomyces cerevisiae</i> strain on enriched pasteurized grape musts. <i>Engineering in Life Sciences</i> , 2009 , 9, 29-37	3-4	29
29	Biotechnological conversions of bio-diesel-derived crude glycerol by <i>Yarrowia lipolytica</i> strains. <i>Engineering in Life Sciences</i> , 2009 , 9, 468-478	3-4	124

28	Organic nitrogen of tomato waste hydrolysate enhances glucose uptake and lipid accumulation in <i>Cunninghamella echinulata</i> . <i>Journal of Applied Microbiology</i> , 2008 , 105, 1062-70	4.7	100
27	Control of lipid accumulation in the yeast <i>Yarrowia lipolytica</i> . <i>Applied and Environmental Microbiology</i> , 2008 , 74, 7779-89	4.8	306
26	Survival and acid resistance of <i>Listeria innocua</i> in Feta cheese and yogurt, in the presence or absence of fungi. <i>Journal of Food Protection</i> , 2008 , 71, 742-9	2.5	12
25	Susceptibility to peroxidation of the major mycelial lipids of <i>Cunninghamella echinulata</i> . <i>European Journal of Lipid Science and Technology</i> , 2008 , 110, 1062-1067	3	7
24	Effect of Citrus essential oil addition upon growth and cellular lipids of <i>Yarrowia lipolytica</i> yeast. <i>European Journal of Lipid Science and Technology</i> , 2008 , 110, 997-1006	3	31
23	Biotechnological valorisation of raw glycerol discharged after bio-diesel (fatty acid methyl esters) manufacturing process: Production of 1,3-propanediol, citric acid and single cell oil. <i>Biomass and Bioenergy</i> , 2008 , 32, 60-71	5.3	306
22	Citric acid production by <i>Yarrowia lipolytica</i> cultivated on olive-mill wastewater-based media. <i>Bioresource Technology</i> , 2008 , 99, 2419-28	11	157
21	Gamma-linolenic acid production by <i>Cunninghamella echinulata</i> growing on complex organic nitrogen sources. <i>Bioresource Technology</i> , 2008 , 99, 5986-90	11	71
20	Lipid production by oleaginous Mucorales cultivated on renewable carbon sources. <i>European Journal of Lipid Science and Technology</i> , 2007 , 109, 1060-1070	3	131
19	Compositional shifts in lipid fractions during lipid turnover in <i>Cunninghamella echinulata</i> . <i>Enzyme and Microbial Technology</i> , 2007 , 40, 1321-1327	3.8	121
18	Industrial derivative of tallow: a promising renewable substrate for microbial lipid, single-cell protein and lipase production by <i>Yarrowia lipolytica</i> . <i>Electronic Journal of Biotechnology</i> , 2007 , 10, 0-0	3.1	104
17	Lipids of <i>Cunninghamella echinulata</i> with emphasis to gamma-linolenic acid distribution among lipid classes. <i>Applied Microbiology and Biotechnology</i> , 2006 , 73, 676-83	5.7	78
16	Influence of glucose and saturated free-fatty acid mixtures on citric acid and lipid production by <i>Yarrowia lipolytica</i> . <i>Current Microbiology</i> , 2006 , 52, 134-42	2.4	121
15	Repression of reserve lipid turnover in <i>Cunninghamella echinulata</i> and <i>Mortierella isabellina</i> cultivated in multiple-limited media. <i>Journal of Applied Microbiology</i> , 2004 , 97, 867-75	4.7	144
14	The effect of raw glycerol concentration on the production of 1,3-propanediol by <i>Clostridium butyricum</i> . <i>Journal of Chemical Technology and Biotechnology</i> , 2004 , 79, 1189-1196	3.5	80
13	Single cell oil (SCO) production by <i>Mortierella isabellina</i> grown on high-sugar content media. <i>Bioresource Technology</i> , 2004 , 95, 287-91	11	187
12	Accumulation of a cocoa-butter-like lipid by <i>Yarrowia lipolytica</i> cultivated on agro-industrial residues. <i>Current Microbiology</i> , 2003 , 46, 124-30	2.4	149
11	Modeling lipid accumulation and degradation in <i>Yarrowia lipolytica</i> cultivated on industrial fats. <i>Current Microbiology</i> , 2003 , 46, 398-402	2.4	118

10	Selective uptake of fatty acids by the yeast <i>Yarrowia lipolytica</i> . <i>European Journal of Lipid Science and Technology</i> , 2003 , 105, 651-655	3	78
9	Modelling aspects of the biotechnological valorization of raw glycerol: production of citric acid by <i>Yarrowia lipolytica</i> and 1,3-propanediol by <i>Clostridium butyricum</i> . <i>Journal of Chemical Technology and Biotechnology</i> , 2003 , 78, 542-547	3.5	73
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