

George Aggelis

List of Publications by Citations

Source: <https://exaly.com/author-pdf/2969758/george-aggelis-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

129
papers

9,549
citations

54
h-index

96
g-index

135
ext. papers

10,511
ext. citations

4.9
avg, IF

6.43
L-index

#	Paper	IF	Citations
129	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
128	Lipid production by <i>Yarrowia lipolytica</i> growing on industrial glycerol in a single-stage continuous culture. <i>Bioresource Technology</i> , 2002 , 82, 43-9	11	357
127	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
126	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
125	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
124	Microalgal lipids biochemistry and biotechnological perspectives. <i>Biotechnology Advances</i> , 2014 , 32, 1476-98	6.98	253
123	<i>Yarrowia lipolytica</i> as a potential producer of citric acid from raw glycerol. <i>Journal of Applied Microbiology</i> , 2002 , 92, 737-44	4.7	250
122	Metabolic activities of biotechnological interest in <i>Yarrowia lipolytica</i> grown on glycerol in repeated batch cultures. <i>Bioresource Technology</i> , 2010 , 101, 2351-8	11	242
121	Biotechnological conversions of biodiesel derived waste glycerol by yeast and fungal species. <i>Energy</i> , 2011 , 36, 1097-1108	7.9	222
120	Single cell oil production by <i>Yarrowia lipolytica</i> growing on an industrial derivative of animal fat in batch cultures. <i>Applied Microbiology and Biotechnology</i> , 2002 , 58, 308-12	5.7	222
119	Microbial oils as food additives: recent approaches for improving microbial oil production and its polyunsaturated fatty acid content. <i>Current Opinion in Biotechnology</i> , 2016 , 37, 24-35	11.4	206
118	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
117	Single cell oil production from rice hulls hydrolysate. <i>Bioresource Technology</i> , 2011 , 102, 9737-42	11	180
116	Silver nanoparticles synthesis mediated by new isolates of <i>Bacillus</i> spp., nanoparticle characterization and their activity against Bean Yellow Mosaic Virus and human pathogens. <i>Frontiers in Microbiology</i> , 2015 , 6, 453	5.7	173
115	Phenolic removal in olive oil mill wastewater by strains of <i>Pleurotus</i> spp. in respect to their phenol oxidase (laccase) activity. <i>Bioresource Technology</i> , 2002 , 84, 251-7	11	173
114	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
113	Kinetic profile of the cellular lipid composition in an oleaginous <i>Yarrowia lipolytica</i> capable of producing a cocoa-butter substitute from industrial fats. <i>Antonie Van Leeuwenhoek</i> , 2001 , 80, 215-24	2.1	170

112	Phenolic removal in a model olive oil mill wastewater using <i>Pleurotus ostreatus</i> in bioreactor cultures and biological evaluation of the process. <i>Water Research</i> , 2003 , 37, 3897-904	12.5	167
111	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
110	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
109	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
108	<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
107	Biochemical activities in <i>Chlorella</i> sp. and <i>Nannochloropsis salina</i> during lipid and sugar synthesis in a lab-scale open pond simulating reactor. <i>Journal of Biotechnology</i> , 2012 , 164, 318-29	3.7	137
106	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
105	Semi-solid state fermentation of sweet sorghum for the biotechnological production of single cell oil. <i>Bioresource Technology</i> , 2010 , 101, 1385-8	11	130
104	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
103	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
102	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
101	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
100	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
99	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
98	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
97	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
96	Production of gamma-linolenic acid by <i>Cunninghamella echinulata</i> cultivated on glucose and orange peel. <i>Applied Microbiology and Biotechnology</i> , 2002 , 58, 303-7	5.7	100
95	Modeling of single-cell oil production under nitrogen-limited and substrate inhibition conditions. <i>Biotechnology and Bioengineering</i> , 2011 , 108, 1049-55	4.9	92

94	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
93	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
92	Fatty acid composition in lipid fractions lengthwise the mycelium of <i>Mortierella isabellina</i> and lipid production by solid state fermentation. <i>Bioresource Technology</i> , 2009 , 100, 6118-20	11	88
91	Lipid and Linolenic acid accumulation in strains of zygomycetes growing on glucose. <i>JAOCS, Journal of the American Oil Chemists Society</i> , 2001 , 78, 341-346	1.8	87
90	Lipids containing polyunsaturated fatty acids synthesized by zygomycetes grown on glycerol. <i>Applied Biochemistry and Biotechnology</i> , 2012 , 166, 146-58	3.2	85
89	Evaluation of white-rot fungi for detoxification and decolorization of effluents from the green olive debittering process. <i>Applied Microbiology and Biotechnology</i> , 2002 , 59, 353-60	5.7	83
88	High lipid accumulation in <i>Yarrowia lipolytica</i> cultivated under double limitation of nitrogen and magnesium. <i>Journal of Biotechnology</i> , 2016 , 234, 116-126	3.7	82
87	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
86	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
85	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
84	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
83	Bioconversion of olive mill wastewater into high-added value products. <i>Journal of Cleaner Production</i> , 2016 , 139, 957-969	10.3	73
82	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
81	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
80	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
79	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
78	Lipolytic and microbial changes during the natural fermentation and ripening of Greek dry sausages. <i>Meat Science</i> , 1993 , 35, 371-85	6.4	65
77	Prediction of lipid accumulation-degradation in oleaginous micro-organisms growing on vegetable oils. <i>Antonie Van Leeuwenhoek</i> , 1997 , 72, 159-65	2.1	63

76	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
75	Biotreatment of raisin and winery wastewaters and simultaneous biodiesel production using a <i>Leptolyngbya</i> -based microbial consortium. <i>Journal of Cleaner Production</i> , 2017 , 148, 185-193	10.3	54
74	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
73	Potential utilization of agro-industrial wastewaters for lipid production by the oleaginous yeast <i>Debaryomyces etchellsii</i> . <i>Journal of Cleaner Production</i> , 2016 , 133, 899-909	10.3	53
72	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
71	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
70	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
69	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
68	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
67	Microbial fatty acid specificity. <i>Folia Microbiologica</i> , 1997 , 42, 117-20	2.8	47
66	Enhancement of single cell oil production by <i>Yarrowia lipolytica</i> growing in the presence of <i>Teucrium polium</i> L. aqueous extract. <i>Biotechnology Letters</i> , 1999 , 21, 747-749	3	47
65	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
64	Laboratory evolution strategies for improving lipid accumulation in <i>Yarrowia lipolytica</i> . <i>Applied Microbiology and Biotechnology</i> , 2019 , 103, 8585-8596	5.7	46
63	Reuse of shrimp farm wastewater as growth medium for marine microalgae isolated from Red Sea Δ eddah. <i>Journal of Cleaner Production</i> , 2018 , 198, 160-169	10.3	46
62	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}	5.9	44
61	Microbial sources of polyunsaturated fatty acids (PUFAs) and the prospect of organic residues and wastes as growth media for PUFA-producing microorganisms. <i>FEMS Microbiology Letters</i> , 2020 , 367,	2.9	42
60	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
59	A mathematical model for the study of lipid accumulation in oleaginous microorganisms. I. Lipid accumulation during growth of <i>Mucor circinelloides</i> CBS 172-27 on a vegetable oil. <i>Grasas Y Aceites</i> , 1995 , 46, 169-1873	1.3	37

58	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
57	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
56	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
55	Grape skins as a natural support for yeast immobilization. <i>Biotechnology Letters</i> , 2002 , 24, 1331-1335	3	32
54	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
53	Lipid production by the filamentous cyanobacterium <i>Limnothrix</i> sp. growing in synthetic wastewater in suspended- and attached-growth photobioreactor systems. <i>Annals of Microbiology</i> , 2015 , 65, 1941-1948	3-2	30
52	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
51	Feasibility of raw glycerol conversion into single cell oil by zygomycetes under non-aseptic conditions. <i>Biotechnology and Bioengineering</i> , 2015 , 112, 827-31	4-9	29
50	A <i>Leptolyngbya</i> -based microbial consortium for agro-industrial wastewaters treatment and biodiesel production. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 17957-17966	5-1	28
49	Fish farm effluents are suitable growth media for , a polyunsaturated fatty acid producing microalga. <i>Engineering in Life Sciences</i> , 2018 , 18, 851-860	3-4	27
48	Screening of oleaginous yeasts for lipid production using volatile fatty acids as substrate. <i>Biomass and Bioenergy</i> , 2020 , 138, 105553	5-3	25
47	Treatment of second cheese whey effluents using a <i>Choricystis</i> -based system with simultaneous lipid production. <i>Journal of Chemical Technology and Biotechnology</i> , 2016 , 91, 2349-2359	3-5	25
46	Newly isolated yeasts from Tunisian microhabitats: Lipid accumulation and fatty acid composition. <i>Engineering in Life Sciences</i> , 2017 , 17, 226-236	3-4	24
45	Effect of aqueous extracts of some plants of Lamiaceae family on the growth of <i>Yarrowia lipolytica</i> . <i>International Journal of Food Microbiology</i> , 2001 , 64, 175-81	5-8	24
44	Modelling of simultaneous production of polygalacturonase and exopolysaccharide by <i>Aureobasidium pullulans</i> ATHUM 2915. <i>Antonie Van Leeuwenhoek</i> , 1998 , 73, 155-62	2-1	23
43	Mycelial fatty acid composition of <i>Pleurotus</i> spp. and its application in the intrageneric differentiation. <i>Mycological Research</i> , 2002 , 106, 925-929		23
42	Production of polyunsaturated single cell oils possessing antimicrobial and anticancer properties. <i>Annals of Microbiology</i> , 2016 , 66, 937-948	3-2	22
41	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

40	Lignocellulosic Biomass as a Substrate for Oleaginous Microorganisms: A Review. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 7698	2.6	21
39	Modeling growth and biochemical activities of <i>Azospirillum</i> spp. <i>Applied Microbiology and Biotechnology</i> , 2002 , 58, 352-7	5.7	20
38	A mathematical model for the study of lipid accumulation in oleaginous microorganisms. II. Study of cellular lipids of <i>Mucor circinelloides</i> during growth on a vegetable oil. <i>Grasas Y Aceites</i> , 1995 , 46, 245-250 ³	1.3	20
37	Lipid accumulation in the new oleaginous yeast <i>Debaryomyces etchellsii</i> correlates with ascosporeogenesis. <i>Biomass and Bioenergy</i> , 2015 , 80, 307-315	5.3	18
36	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
35	Two alternative pathways for substrate assimilation by <i>Mucor circinelloides</i> . <i>Folia Microbiologica</i> , 1996 , 41, 254-256	2.8	17
34	Agroindustrial Wastewater Treatment with Simultaneous Biodiesel Production in Attached Growth Systems Using a Mixed Microbial Culture. <i>Water (Switzerland)</i> , 2018 , 10, 1693	3	17
33	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
32	Effect of a <i>Teucrium polium</i> L. extract on the growth and fatty acid composition of <i>Saccharomyces cerevisiae</i> and <i>Yarrowia lipolytica</i> . <i>Antonie Van Leeuwenhoek</i> , 1998 , 73, 195-8	2.1	16
31	High-added value products from microalgae and prospects of aquaculture wastewaters as microalgae growth media. <i>FEMS Microbiology Letters</i> , 2020 , 367,	2.9	15
30	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
29	Studies on bacteriocin (thermophilin T) production by <i>Streptococcus thermophilus</i> ACA-DC 0040 in batch and fed-batch fermentation modes. <i>Antonie Van Leeuwenhoek</i> , 2007 , 92, 207-20	2.1	15
28	Composition of lipids produced by some strains of <i>Candida</i> species. Production of single-cell oil in a chemostat culture. <i>Folia Microbiologica</i> , 1996 , 41, 299-302	2.8	15
27	Improving Fatty Acid Composition of Lipids Synthesized by <i>Brachionus plicatilis</i> in Large Scale Experiments. <i>JAACS, Journal of the American Oil Chemists Society</i> , 2012 , 89, 2047-2055	1.8	14
26	A novel modelling approach for predicting microbial growth in a raw cured meat product stored at 3 degrees C and at 12 degrees C in air. <i>International Journal of Food Microbiology</i> , 1998 , 43, 39-52	5.8	13
25	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
24	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
23	Newly isolated bacterial strains belonging to Bacillaceae (<i>Bacillus</i> sp.) and Micrococcaceae accelerate death of the honey bee mite, <i>Varroa destructor</i> (<i>V. jacobsoni</i>), in laboratory assays. <i>Biotechnology Letters</i> , 2004 , 26, 529-32	3	12

22	Metabolic activities in <i>Azospirillum lipoferum</i> grown in the presence of NH ₄ ⁺ . <i>Applied Microbiology and Biotechnology</i> , 2003 , 62, 574-8	5.7	12
21	Prey-predator dynamics with predator switching regulated by a catabolic repression control mode. <i>Ecological Modelling</i> , 2005 , 183, 451-462	3	12
20	Adaptive laboratory evolution principles and applications in industrial biotechnology. <i>Biotechnology Advances</i> , 2021 , 54, 107795	17.8	12
19	Utilization of Biomass Derived from Cyanobacteria-Based Agro-Industrial Wastewater Treatment and Raisin Residue Extract for Bioethanol Production. <i>Water (Switzerland)</i> , 2021 , 13, 486	3	12
18	Modeling of oleaginous fungal biofilm developed on semi-solid media. <i>Bioresource Technology</i> , 2011 , 102, 9697-704	11	11
17	Biotreatment of Poultry Waste Coupled with Biodiesel Production Using Suspended and Attached Growth Microalgal-Based Systems. <i>Sustainability</i> , 2020 , 12, 5024	3.6	10
16	Fatty acid biosynthesis during the life cycle of <i>Debaryomyces etchellsii</i> . <i>Microbiology (United Kingdom)</i> , 2016 , 162, 1080-1090	2.9	8
15	Patterns of Lignocellulosic Sugar Assimilation and Lipid Production by Newly Isolated Yeast Strains From Chilean Valdivian Forest. <i>Applied Biochemistry and Biotechnology</i> , 2020 , 192, 1124-1146	3.2	8
14	Enzymatic Synthesis of Glucose Fatty Acid Esters Using SCOs as Acyl Group-Donors and Their Biological Activities. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 2700	2.6	8
13	Dynamics of free-living nitrogen-fixing bacterial populations in antagonistic conditions. <i>Ecological Modelling</i> , 2007 , 200, 243-253	3	7
12	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
11	Growth of <i>Candida boidinii</i> in a methanol-limited continuous culture and the formation of methanol-degrading enzymes. <i>Journal of Biotechnology</i> , 1999 , 72, 127-139	3.7	7
10	Specificity of <i>Mucor miehei</i> lipase on methyl ester substrates. <i>Grasas Y Aceites</i> , 1993 , 44, 331-334	1.3	7
9	Bacterial diversity of the outflows of a Polichnitos (Lesvos, Greece) hot spring, laboratory studies of a Cyanobacterium sp. strain and potential medical applications. <i>Annals of Microbiology</i> , 2017 , 67, 643-654	2.2	6
8	Dynamics of a two-prey-one-predator system with predator switching regulated by a catabolic repression control-like mode. <i>Ecological Modelling</i> , 2005 , 186, 345-357	3	6
7	Data on cellular lipids of grown on fatty substrates. <i>Data in Brief</i> , 2018 , 21, 1037-1044	1.2	6
6	Growth of <i>Candida boidinii</i> on methanol and the activity of methanol-degrading enzymes as affected from formaldehyde and methylformate. <i>Journal of Biotechnology</i> , 2000 , 80, 119-25	3.7	5
5	Growth dynamics of <i>Azospirillum lipoferum</i> at steady and transitory states in the presence of NH ₄ ⁺ . <i>Journal of Applied Microbiology</i> , 2006 , 100, 286-95	4.7	4

4	Single Cell Oil (SCO)-Based Bioactive Compounds: I-Enzymatic Synthesis of Fatty Acid Amides Using SCOs as Acyl Group Donors and Their Biological Activities. <i>Applied Biochemistry and Biotechnology</i> , 2021 , 193, 822-845	3-2	4
3	Dynamics of free-living nitrogen-fixing bacterial populations and nitrogen fixation in a two-prey-one-predator system. <i>Ecological Modelling</i> , 2008 , 218, 323-338	3	1
2	Bioconversion of pomegranate residues into biofuels and bioactive lipids. <i>Journal of Cleaner Production</i> , 2021 , 323, 129193	10-3	1
1	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