

Jorge Costa

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.

258
papers

6,644
citations

41
h-index

70
g-index

274
ext. papers

7,953
ext. citations

4.7
avg, IF

6.56
L-index

#	Paper	IF	Citations
258	Magnetic Field Action on <i>Limnospira indica</i> PCC8005 Cultures: Enhancement of Biomass Yield and Protein Content. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 1533	2.6	0
257	Degradation Effects on the Mechanical and Thermal Properties of the Bio-Composites Due to Accelerated Weathering. <i>Composites Science and Technology</i> , 2022 , 159-172		1
256	Polyhydroxybutyrate (PHB)-based blends and composites 2022 , 389-413		1
255	Microfiltration membranes developed from nanofibers via an electrospinning process. <i>Materials Chemistry and Physics</i> , 2022 , 277, 125509	4.4	0
254	Improving water kefir nutritional quality via addition of viable <i>Spirulina</i> biomass. <i>Bioresource Technology Reports</i> , 2022 , 17, 100914	4.1	1
253	Nanofiber-Reinforced Bionanocomposites in Agriculture Applications. <i>Composites Science and Technology</i> , 2022 , 311-332		
252	Exopolysaccharides from microalgae: Production in a biorefinery framework and potential applications. <i>Bioresource Technology Reports</i> , 2022 , 18, 101006	4.1	1
251	Encapsulation of Bioactive Compounds in Electrospun Nanofibers for Food Packaging 2022 , 473-490		
250	Electrospun Polymeric Nanofibers: An Innovative Application for Preservation of Fruits and Vegetables 2022 , 451-471		
249	Microalgae-Based UV Protection Compounds 2021 , 201-224		
248	Innovative application of brackish groundwater without the addition of nutrients in the cultivation of <i>Spirulina</i> and <i>Chlorella</i> for carbohydrate and lipid production.. <i>Bioresource Technology</i> , 2021 , 345, 126543	11	2
247	Microalgae Polysaccharides: An Overview of Production, Characterization, and Potential Applications. <i>Polysaccharides</i> , 2021 , 2, 759-772	3	3
246	Magnetic field as promoter of growth in outdoor and indoor assays of <i>Chlorella fusca</i> . <i>Bioprocess and Biosystems Engineering</i> , 2021 , 44, 1453-1460	3.7	4
245	<i>Spirulina</i> sp. LEB 18-extracted phycocyanin: Effects on liposomes' physicochemical parameters and correlation with antiradical/antioxidant properties. <i>Chemistry and Physics of Lipids</i> , 2021 , 236, 105064	3.7	1
244	Magnetic fields exhibit a positive impact on lipid and biomass yield during phototrophic cultivation of <i>Spirulina</i> sp. <i>Bioprocess and Biosystems Engineering</i> , 2021 , 44, 2087-2097	3.7	3
243	Development of time-pH indicator nanofibers from natural pigments: An emerging processing technology to monitor the quality of foods. <i>LWT - Food Science and Technology</i> , 2021 , 142, 111020	5.4	11
242	<i>Spirulina</i> sp. as a Bioremediation Agent for Aquaculture Wastewater: Production of High Added Value Compounds and Estimation of Theoretical Biodiesel. <i>Bioenergy Research</i> , 2021 , 14, 254-264	3.1	14

241	Hydrolyzed Spirulina Biomass and Molasses as Substrate in Alcoholic Fermentation with Application of Magnetic Fields. <i>Waste and Biomass Valorization</i> , 2021 , 12, 175-183	3.2	2
240	Renewal of nanofibers in Chlorella fusca microalgae cultivation to increase CO fixation. <i>Bioresource Technology</i> , 2021 , 321, 124452	11	9
239	Combination of carotenoids from Spirulina and PLA/PLGA or PHB: New options to obtain bioactive nanoparticles. <i>Food Chemistry</i> , 2021 , 346, 128742	8.5	5
238	Superfoods: Drivers for Consumption. <i>Journal of Food Products Marketing</i> , 2021 , 27, 1-9	2.4	5
237	Microalgae as source of edible lipids 2021 , 147-175		
236	Insights into the technology utilized to cultivate microalgae in dairy effluents. <i>Biocatalysis and Agricultural Biotechnology</i> , 2021 , 35, 102106	4.2	0
235	Development of pH indicators from nanofibers containing microalgal pigment for monitoring of food quality. <i>Food Bioscience</i> , 2021 , 44, 101387	4.9	1
234	Effects of microencapsulation on the preservation of thermal stability and antioxidant properties of Spirulina. <i>Journal of Food Measurement and Characterization</i> , 2021 , 15, 5657	2.8	2
233	Simultaneous Application of Mixotrophic Culture and Magnetic Fields as a Strategy to Improve Spirulina sp. LEB 18 Phycocyanin Synthesis. <i>Current Microbiology</i> , 2021 , 78, 4014-4022	2.4	0
232	Effect of the addition of Spirulina sp. biomass on the development and characterization of functional food. <i>Algal Research</i> , 2021 , 58, 102387	5	4
231	Scaling-up production of Spirulina sp. LEB18 grown in aquaculture wastewater. <i>Aquaculture</i> , 2021 , 544, 737045	4.4	3
230	Microalgal Applications in Nanotechnology: An Outstanding Tool for Nanocompounds Synthesis and Bioproducts Obtention. <i>Nanotechnology in the Life Sciences</i> , 2021 , 95-116	1.1	0
229	Cellular Stress Conditions as a Strategy to Increase Carbohydrate Productivity in Spirulina platensis. <i>Bioenergy Research</i> , 2020 , 13, 1221-1234	3.1	10
228	Spirulina sp. LEB 18 cultivation in a raceway-type bioreactor using wastewater from desalination process: Production of carbohydrate-rich biomass. <i>Bioresource Technology</i> , 2020 , 311, 123495	11	16
227	Magnetic fields: biomass potential of Spirulina sp. for food supplement. <i>Bioprocess and Biosystems Engineering</i> , 2020 , 43, 1231-1240	3.7	11
226	Phenolic compounds and antioxidant capacity of (Chlorococcales) biomass. <i>International Journal of Environmental Health Research</i> , 2020 , 1-13	3.6	3
225	Application of Static Magnetic Fields on the Mixotrophic Culture of Chlorella minutissima for Carbohydrate Production. <i>Applied Biochemistry and Biotechnology</i> , 2020 , 192, 822-830	3.2	3
224	Microalgae as a source of sustainable biofuels 2020 , 253-271		1

223	Innovative development of membrane sparger for carbon dioxide supply in microalgae cultures. <i>Biotechnology Progress</i> , 2020 , 36, e2987	2.8	5
222	CO2 Biofixation via Spirulina sp. Cultures: Evaluation of Initial Biomass Concentration in Tubular and Raceway Photobioreactors. <i>Bioenergy Research</i> , 2020 , 13, 939-943	3.1	6
221	Spirulina sp. LEB 18 cultivation in outdoor pilot scale using aquaculture wastewater: High biomass, carotenoid, lipid and carbohydrate production. <i>Aquaculture</i> , 2020 , 525, 735272	4.4	23
220	Role of light emitting diode (LED) wavelengths on increase of protein productivity and free amino acid profile of Spirulina sp. cultures. <i>Bioresource Technology</i> , 2020 , 306, 123184	11	9
219	Development of a colorimetric pH indicator using nanofibers containing Spirulina sp. LEB 18. <i>Food Chemistry</i> , 2020 , 328, 126768	8.5	22
218	Snack bars enriched with Spirulina for schoolchildren nutrition. <i>Food Science and Technology</i> , 2020 , 40, 146-152	2	8
217	Caloric restriction and Spirulina platensis extract against ferrous ion (Fe2+) in the aging of Saccharomyces cerevisiae cells deleted to the SIR2 gene. <i>Research, Society and Development</i> , 2020 , 9, e662986210	1.1	2
216	Effects of harvesting Spirulina platensis biomass using coagulants and electrocoagulation-flotation on enzymatic hydrolysis. <i>Bioresource Technology</i> , 2020 , 311, 123526	11	7
215	Polyhydroxybutyrate production and increased macromolecule content in Chlamydomonas reinhardtii cultivated with xylose and reduced nitrogen levels. <i>International Journal of Biological Macromolecules</i> , 2020 , 158, 875-883	7.9	5
214	Bioprocess strategies for enhancing biomolecules productivity in Chlorella fusca LEB 111 using CO a carbon source. <i>Biotechnology Progress</i> , 2020 , 36, e2909	2.8	3
213	Progress in the physicochemical treatment of microalgae biomass for value-added product recovery. <i>Bioresource Technology</i> , 2020 , 301, 122727	11	32
212	Physical and biological fixation of CO with polymeric nanofibers in outdoor cultivations of Chlorella fusca LEB 111. <i>International Journal of Biological Macromolecules</i> , 2020 , 151, 1332-1339	7.9	9
211	Is downstream ultrafiltration enough for production of food-grade phycocyanin from Arthrospira platensis?. <i>Journal of Applied Phycology</i> , 2020 , 32, 1129-1140	3.2	6
210	Increased lipid synthesis in the culture of Chlorella homosphaera with magnetic fields application. <i>Bioresource Technology</i> , 2020 , 315, 123880	11	7
209	Bioactive peptides and proteases: characteristics, applications and the simultaneous production in solid-state fermentation. <i>Biocatalysis and Biotransformation</i> , 2020 , 1-19	2.5	3
208	Spirulina sp. LEB 18 cultivation in seawater and reduced nutrients: Bioprocess strategy for increasing carbohydrates in biomass. <i>Bioresource Technology</i> , 2020 , 316, 123883	11	10
207	Microalgae starch: A promising raw material for the bioethanol production. <i>International Journal of Biological Macromolecules</i> , 2020 , 165, 2739-2749	7.9	29
206	Increase in biomass productivity and protein content of Spirulina sp. LEB 18 (Arthrospira) cultivated with crude glycerol. <i>Biomass Conversion and Biorefinery</i> , 2020 , 1	2.3	3

205	Brackish Groundwater from Brazilian Backlands in Spirulina Cultures: Potential of Carbohydrate and Polyunsaturated Fatty Acid Production. <i>Applied Biochemistry and Biotechnology</i> , 2020 , 190, 907-917	3.2	8
204	Encapsulation of phycocyanin by electrospraying: A promising approach for the protection of sensitive compounds. <i>Food and Bioproducts Processing</i> , 2020 , 119, 206-215	4.9	18
203	Microalgal biotechnology applied in biomedicine 2020 , 429-439		4
202	Simultaneous Biosynthesis of Silver Nanoparticles with Spirulina sp. LEB 18 Cultivation. <i>Industrial Biotechnology</i> , 2019 , 15, 263-267	1.3	3
201	INDUSTRIAL PLANT FOR PRODUCTION OF Spirulina sp. LEB 18. <i>Brazilian Journal of Chemical Engineering</i> , 2019 , 36, 51-63	1.7	8
200	Open pond systems for microalgal culture 2019 , 199-223		7
199	Modeling the growth of microalgae Spirulina sp. with application of illuminance and magnetic field. <i>Journal of Chemical Technology and Biotechnology</i> , 2019 , 94, 1770-1776	3.5	2
198	Microalgae biosynthesis of silver nanoparticles for application in the control of agricultural pathogens. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2019 , 54, 709-716	2.2	22
197	Innovative pH sensors developed from ultrafine fibers containing açaí (Euterpe oleracea) extract. <i>Food Chemistry</i> , 2019 , 294, 397-404	8.5	31
196	The use of poly(3-hydroxybutyrate), C-phycocyanin, and phenolic compounds extracted from Spirulina sp. LEB 18 in latex paint formulations. <i>Progress in Organic Coatings</i> , 2019 , 135, 100-104	4.8	7
195	Green alga cultivation with nanofibers as physical adsorbents of carbon dioxide: Evaluation of gas biofixation and macromolecule production. <i>Bioresource Technology</i> , 2019 , 287, 121406	11	10
194	Biological CO mitigation by microalgae: technological trends, future prospects and challenges. <i>World Journal of Microbiology and Biotechnology</i> , 2019 , 35, 78	4.4	12
193	Evaluation of Adding Spirulina to Freeze-Dried Yogurts Before Fermentation and After Freeze-Drying. <i>Industrial Biotechnology</i> , 2019 , 15, 89-94	1.3	8
192	Microalgae as source of polyhydroxyalkanoates (PHAs) - A review. <i>International Journal of Biological Macromolecules</i> , 2019 , 131, 536-547	7.9	80
191	A novel nanocomposite for food packaging developed by electrospinning and electrospraying. <i>Food Packaging and Shelf Life</i> , 2019 , 20, 100314	8.2	25
190	Liquid Biofuels From Microalgae: Recent Trends 2019 , 351-372		2
189	Production and characterization of Spirulina sp. LEB 18 cultured in reused Zarrouk's medium in a raceway-type bioreactor. <i>Bioresource Technology</i> , 2019 , 284, 340-348	11	23
188	Light emitting diodes applied in Synechococcus nidulans cultures: Effect on growth, pigments production and lipid profiles. <i>Bioresource Technology</i> , 2019 , 280, 511-514	11	13

187	Potential of microalgae as biopesticides to contribute to sustainable agriculture and environmental development. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2019 , 54, 366-375	2.2	50
186	Innovative functional nanodispersion: Combination of carotenoid from Spirulina and yellow passion fruit albedo. <i>Food Chemistry</i> , 2019 , 285, 397-405	8.5	18
185	Bioactive stability of microalgal protein hydrolysates under food processing and storage conditions. <i>Journal of Food Science and Technology</i> , 2019 , 56, 4543-4551	3.3	2
184	Quantum yield alterations due to the static magnetic fields action on <i>Arthrospira platensis</i> SAG 21.99: Evaluation of photosystem activity. <i>Bioresource Technology</i> , 2019 , 292, 121945	11	12
183	Operational and economic aspects of Spirulina-based biorefinery. <i>Bioresource Technology</i> , 2019 , 292, 121946	11	54
182	Investigation of techno-functional and physicochemical properties of <i>Spirulina platensis</i> protein concentrate for food enrichment. <i>LWT - Food Science and Technology</i> , 2019 , 114, 108267	5.4	16
181	Preparation of beta-carotene nanoemulsion and evaluation of stability at a long storage period. <i>Food Science and Technology</i> , 2019 , 39, 599-604	2	11
180	Microalgae Cultivation and Industrial Waste: New Biotechnologies for Obtaining Silver Nanoparticles. <i>Mini-Reviews in Organic Chemistry</i> , 2019 , 16, 369-376	1.7	3
179	Antioxidant ultrafine fibers developed with microalga compounds using a free surface electrospinning. <i>Food Hydrocolloids</i> , 2019 , 93, 131-136	10.6	35
178	Biosurfactant production by <i>Phialemonium</i> sp. using agroindustrial wastes: influence of culture conditions. <i>Acta Scientiarum - Biological Sciences</i> , 2019 , 41, 43484	0.3	
177	Use of static magnetic fields to increase CO biofixation by the microalga <i>Chlorella fusca</i> . <i>Bioresource Technology</i> , 2019 , 276, 103-109	11	30
176	Fed-batch cultivation with CO and monoethanolamine: Influence on <i>Chlorella fusca</i> LEB 111 cultivation, carbon biofixation and biomolecules production. <i>Bioresource Technology</i> , 2019 , 273, 627-633 ¹¹		21
175	Innovative nanofiber technology to improve carbon dioxide biofixation in microalgae cultivation. <i>Bioresource Technology</i> , 2019 , 273, 592-598	11	24
174	Potential of <i>Chlorella fusca</i> LEB 111 cultivated with thermoelectric fly ashes, carbon dioxide and reduced supply of nitrogen to produce macromolecules. <i>Bioresource Technology</i> , 2019 , 277, 55-61	11	10
173	Engineering strategies for the enhancement of <i>Nannochloropsis gaditana</i> outdoor production: Influence of the CO ₂ flow rate on the culture performance in tubular photobioreactors. <i>Process Biochemistry</i> , 2019 , 76, 171-177	4.8	17
172	Enhancement of the carbohydrate content in Spirulina by applying CO, thermoelectric fly ashes and reduced nitrogen supply. <i>International Journal of Biological Macromolecules</i> , 2019 , 123, 1241-1247	7.9	12
171	Pilot-scale isolation and characterization of extracellular polymeric substances (EPS) from cell-free medium of <i>Spirulina</i> sp. LEB-18 cultures under outdoor conditions. <i>International Journal of Biological Macromolecules</i> , 2019 , 124, 1106-1114	7.9	16
170	Glycerol increases growth, protein production and alters the fatty acids profile of <i>Spirulina</i> (<i>Arthrospira</i>) sp LEB 18. <i>Process Biochemistry</i> , 2019 , 76, 40-45	4.8	13

169	Microalgal biorefinery from CO ₂ and the effects under the Blue Economy. <i>Renewable and Sustainable Energy Reviews</i> , 2019 , 99, 58-65	16.2	37
168	The antioxidant activity of nanoemulsions based on lipids and peptides from <i>Spirulina</i> sp. LEB18. <i>LWT - Food Science and Technology</i> , 2019 , 99, 173-178	5.4	14
167	Cultivation of different microalgae with pentose as carbon source and the effects on the carbohydrate content. <i>Environmental Technology (United Kingdom)</i> , 2019 , 40, 1062-1070	2.6	10
166	High protein ingredients of microalgal origin: Obtainment and functional properties. <i>Innovative Food Science and Emerging Technologies</i> , 2018 , 47, 187-194	6.8	30
165	Polyhydroxybutyrate and phenolic compounds microalgae electrospun nanofibers: A novel nanomaterial with antibacterial activity. <i>International Journal of Biological Macromolecules</i> , 2018 , 113, 1008-1014	7.9	34
164	Phycocyanin from Microalgae: Properties, Extraction and Purification, with Some Recent Applications. <i>Industrial Biotechnology</i> , 2018 , 14, 30-37	1.3	46
163	Microalgae protein heating in acid/basic solution for nanofibers production by free surface electrospinning. <i>Journal of Food Engineering</i> , 2018 , 230, 49-54	6	15
162	<i>Spirulina</i> cultivated under different light emitting diodes: Enhanced cell growth and phycocyanin production. <i>Bioresource Technology</i> , 2018 , 256, 38-43	11	43
161	Solid-State Fermentation for the Production of Biosurfactants and Their Applications 2018 , 357-372		7
160	Outdoor pilot-scale cultivation of <i>Spirulina</i> sp. LEB-18 in different geographic locations for evaluating its growth and chemical composition. <i>Bioresource Technology</i> , 2018 , 256, 86-94	11	47
159	Polyhydroxybutyrate (PHB) Synthesis by <i>Spirulina</i> sp. LEB 18 Using Biopolymer Extraction Waste. <i>Applied Biochemistry and Biotechnology</i> , 2018 , 185, 822-833	3.2	22
158	Green alga cultivation with monoethanolamine: Evaluation of CO fixation and macromolecule production. <i>Bioresource Technology</i> , 2018 , 261, 206-212	11	23
157	<i>Spirulina platensis</i> biomass composition is influenced by the light availability and harvest phase in raceway ponds. <i>Environmental Technology (United Kingdom)</i> , 2018 , 39, 1868-1877	2.6	10
156	Blue light emitting diodes (LEDs) as an energy source in <i>Chlorella fusca</i> and <i>Synechococcus nidulans</i> cultures. <i>Bioresource Technology</i> , 2018 , 247, 1242-1245	11	21
155	Magnetic field action on outdoor and indoor cultures of <i>Spirulina</i> : Evaluation of growth, medium consumption and protein profile. <i>Bioresource Technology</i> , 2018 , 249, 168-174	11	35
154	Novel Food Supplements Formulated With <i>Spirulina</i> To Meet Athletes' Needs. <i>Brazilian Archives of Biology and Technology</i> , 2018 , 61,	1.8	2
153	CO conversion by the integration of biological and chemical methods: <i>Spirulina</i> sp. LEB 18 cultivation with diethanolamine and potassium carbonate addition. <i>Bioresource Technology</i> , 2018 , 267, 77-83	11	29
152	Development of pH indicator from PLA/PEO ultrafine fibers containing pigment of microalgae origin. <i>International Journal of Biological Macromolecules</i> , 2018 , 118, 1855-1862	7.9	36

151	Influence of nitrogen on growth, biomass composition, production, and properties of polyhydroxyalkanoates (PHAs) by microalgae. <i>International Journal of Biological Macromolecules</i> , 2018 , 116, 552-562	7.9	62
150	Electrospun Polymeric Nanofibers in Food Packaging 2018 , 387-417		9
149	Advances in Solid-State Fermentation 2018 , 1-17		16
148	Innovative polyhydroxybutyrate production by <i>Chlorella fusca</i> grown with pentoses. <i>Bioresource Technology</i> , 2018 , 265, 456-463	11	31
147	Ultrafine fibers of zein and anthocyanins as natural pH indicator. <i>Journal of the Science of Food and Agriculture</i> , 2018 , 98, 2735-2741	4.3	50
146	Spirulina for snack enrichment: Nutritional, physical and sensory evaluations. <i>LWT - Food Science and Technology</i> , 2018 , 90, 270-276	5.4	84
145	Evaluation of CO ₂ Biofixation and Biodiesel Production by <i>Spirulina</i> (<i>Arthrospira</i>) Cultivated In Air-Lift Photobioreactor. <i>Brazilian Archives of Biology and Technology</i> , 2018 , 61,	1.8	4
144	Carbon Dioxide Biofixation and Production of <i>Spirulina</i> sp. LEB 18 Biomass with Different Concentrations of NaNO ₃ and NaCl. <i>Brazilian Archives of Biology and Technology</i> , 2018 , 61,	1.8	6
143	Cyanobacterial Biomass by Reuse of Wastewater-Containing Hypochlorite. <i>Industrial Biotechnology</i> , 2018 , 14, 265-269	1.3	1
142	Recent Advances and Future Perspectives of PHB Production by Cyanobacteria. <i>Industrial Biotechnology</i> , 2018 , 14, 249-256	1.3	25
141	Estudo da produção de lipase por <i>Burkholderia cepacia</i> . <i>Engenharia Sanitaria E Ambiental</i> , 2018 , 23, 637-644.	4.4	1
140	Water-uptake properties of a fish protein-based superabsorbent hydrogel chemically modified with ethanol. <i>Polimeros</i> , 2018 , 28, 196-204	1.6	2
139	Biocompounds and physical properties of apple pulp dried by different methods. <i>LWT - Food Science and Technology</i> , 2018 , 98, 335-340	5.4	16
138	Cultivation strategy to stimulate high carbohydrate content in <i>Spirulina</i> biomass. <i>Bioresource Technology</i> , 2018 , 269, 221-226	11	33
137	Efficacy of <i>Spirulina</i> sp. polyhydroxyalkanoates extraction methods and influence on polymer properties and composition. <i>Algal Research</i> , 2018 , 33, 231-238	5	13
136	Development of electrospun nanofibers containing chitosan/PEO blend and phenolic compounds with antibacterial activity. <i>International Journal of Biological Macromolecules</i> , 2018 , 117, 800-806	7.9	57
135	<i>Synechococcus nidulans</i> from a thermoelectric coal power plant as a potential CO mitigation in culture medium containing flue gas wastes. <i>Bioresource Technology</i> , 2017 , 241, 21-24	11	21
134	Protein and carbohydrate extraction from <i>S. platensis</i> biomass by ultrasound and mechanical agitation. <i>Food Research International</i> , 2017 , 99, 1028-1035	7	45

133	Development of Bioactive Nanopeptide of Microalgal Origin. <i>Journal of Nanoscience and Nanotechnology</i> , 2017 , 17, 1025-030	1.3	1
132	Growth stimulation and synthesis of lipids, pigments and antioxidants with magnetic fields in <i>Chlorella kessleri</i> cultivations. <i>Bioresource Technology</i> , 2017 , 244, 1425-1432	11	47
131	Pentoses and light intensity increase the growth and carbohydrate production and alter the protein profile of <i>Chlorella minutissima</i> . <i>Bioresource Technology</i> , 2017 , 238, 248-253	11	37
130	Biological CO mitigation from coal power plant by <i>Chlorella fusca</i> and <i>Spirulina sp.</i> <i>Bioresource Technology</i> , 2017 , 234, 472-475	11	61
129	Production of polymeric nanofibers with different conditions of the electrospinning process. <i>Revista Materia</i> , 2017 , 22,	0.8	3
128	New technologies from the bioworld: selection of biopolymer-producing microalgae. <i>Polimeros</i> , 2017 , 27, 285-289	1.6	8
127	Microalgae biopeptides applied in nanofibers for the development of active packaging. <i>Polimeros</i> , 2017 , 27, 290-297	1.6	9
126	Magnetic treatment of microalgae for enhanced product formation. <i>World Journal of Microbiology and Biotechnology</i> , 2017 , 33, 169	4.4	18
125	<i>Chlorella minutissima</i> cultivation with CO and pentoses: Effects on kinetic and nutritional parameters. <i>Bioresource Technology</i> , 2017 , 244, 338-344	11	20
124	Microalgae-Based Biorefineries as a Promising Approach to Biofuel Production 2017 , 113-140		5
123	<i>Spirulina platensis</i> is more efficient than <i>Chlorella homosphaera</i> in carbohydrate productivity. <i>Environmental Technology (United Kingdom)</i> , 2017 , 38, 2209-2216	2.6	9
122	Simultaneous Production of Amyloglucosidase and Exo-Polygalacturonase by <i>Aspergillus niger</i> in a Rotating Drum Reactor. <i>Applied Biochemistry and Biotechnology</i> , 2017 , 181, 627-637	3.2	14
121	Effect of <i>Spirulina</i> addition on the physicochemical and structural properties of extruded snacks. <i>Food Science and Technology</i> , 2017 , 37, 16-23	2	15
120	Magnetic fields as triggers of microalga growth: evaluation of its effect on <i>Spirulina sp.</i> <i>Bioresource Technology</i> , 2016 , 220, 62-67	11	39
119	Development of powdered food with the addition of <i>Spirulina</i> for food supplementation of the elderly population. <i>Innovative Food Science and Emerging Technologies</i> , 2016 , 37, 216-220	6.8	39
118	Nitrogen balancing and xylose addition enhances growth capacity and protein content in <i>Chlorella minutissima</i> cultures. <i>Bioresource Technology</i> , 2016 , 218, 129-33	11	12
117	Evaluation of different modes of operation for the production of <i>Spirulina sp.</i> . <i>Journal of Chemical Technology and Biotechnology</i> , 2016 , 91, 1345-1348	3.5	4
116	Quercetin and curcumin in nanofibers of polycaprolactone and poly(hydroxybutyrate-co-hydroxyvalerate): Assessment of in vitro antioxidant activity. <i>Journal of Applied Polymer Science</i> , 2016 , 133,	2.9	9

115	CO ₂ Biofixation by the Cyanobacterium <i>Spirulina</i> sp. LEB 18 and the Green Alga <i>Chlorella fusca</i> LEB 111 Grown Using Gas Effluents and Solid Residues of Thermoelectric Origin. <i>Applied Biochemistry and Biotechnology</i> , 2016 , 178, 418-29	3.2	33
114	Nanoencapsulation of the Bioactive Compounds of <i>Spirulina</i> with a Microalgal Biopolymer Coating. <i>Journal of Nanoscience and Nanotechnology</i> , 2016 , 16, 81-91	1.3	12
113	Microalgal biotechnology for greenhouse gas control: Carbon dioxide fixation by <i>Spirulina</i> sp. at different diffusers. <i>Ecological Engineering</i> , 2016 , 91, 426-431	3.9	31
112	Scaffolds Containing <i>Spirulina</i> sp. LEB 18 Biomass: Development, Characterization and Evaluation of In Vitro Biodegradation. <i>Journal of Nanoscience and Nanotechnology</i> , 2016 , 16, 1050-9	1.3	8
111	Surface response methodology for the optimization of lipase production under submerged fermentation by filamentous fungi. <i>Brazilian Journal of Microbiology</i> , 2016 , 47, 461-7	2.2	57
110	Microalgae as a new source of bioactive compounds in food supplements. <i>Current Opinion in Food Science</i> , 2016 , 7, 73-77	9.8	158
109	Production of Nanofibers Containing the Bioactive Compound C-Phycocyanin. <i>Journal of Nanoscience and Nanotechnology</i> , 2016 , 16, 944-9	1.3	17
108	<i>Spirulina</i> cultivation with a CO ₂ absorbent: Influence on growth parameters and macromolecule production. <i>Bioresource Technology</i> , 2016 , 200, 528-34	11	46
107	Use of Solid Waste from Thermoelectric Plants for the Cultivation of Microalgae. <i>Brazilian Archives of Biology and Technology</i> , 2016 , 59,	1.8	5
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