

Jorge Costa

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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	Biofixation of carbon dioxide by <i>Spirulina</i> sp. and <i>Scenedesmus obliquus</i> cultivated in a three-stage serial tubular photobioreactor. <i>Journal of Biotechnology</i> , 2007 , 129, 439-45	3.7	422
257	Isolation and selection of microalgae from coal fired thermoelectric power plant for biofixation of carbon dioxide. <i>Energy Conversion and Management</i> , 2007 , 48, 2169-2173	10.6	259
256	Carbon dioxide fixation by <i>Chlorella kessleri</i> , <i>C. vulgaris</i> , <i>Scenedesmus obliquus</i> and <i>Spirulina</i> sp. cultivated in flasks and vertical tubular photobioreactors. <i>Biotechnology Letters</i> , 2007 , 29, 1349-52	3	213
255	The role of biochemical engineering in the production of biofuels from microalgae. <i>Bioresource Technology</i> , 2011 , 102, 2-9	11	186
254	Production of biomass and nutraceutical compounds by <i>Spirulina platensis</i> under different temperature and nitrogen regimes. <i>Bioresource Technology</i> , 2007 , 98, 1489-93	11	176
253	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
252	Biologically Active Metabolites Synthesized by Microalgae. <i>BioMed Research International</i> , 2015 , 2015, 835761	3	154
251	Mixotrophic cultivation of microalga <i>Spirulina platensis</i> using molasses as organic substrate. <i>Aquaculture</i> , 2007 , 264, 130-134	4.4	148
250	Optimization of phycocyanin extraction from <i>Spirulina platensis</i> using factorial design. <i>Bioresource Technology</i> , 2007 , 98, 1629-34	11	144
249	Modelling of <i>Spirulina platensis</i> growth in fresh water using response surface methodology. <i>World Journal of Microbiology and Biotechnology</i> , 2002 , 18, 603-607	4.4	98
248	Optimization of the repeated batch cultivation of microalga <i>Spirulina platensis</i> in open raceway ponds. <i>Aquaculture</i> , 2007 , 265, 118-126	4.4	97
247	Improving <i>Spirulina platensis</i> biomass yield using a fed-batch process. <i>Bioresource Technology</i> , 2004 , 92, 237-41	11	93
246	Chemical absorption and CO ₂ biofixation via the cultivation of <i>Spirulina</i> in semicontinuous mode with nutrient recycle. <i>Bioresource Technology</i> , 2015 , 192, 321-7	11	91
245	Thermal degradation kinetics of the phycocyanin from <i>Spirulina platensis</i> . <i>Biochemical Engineering Journal</i> , 2008 , 41, 43-47	4.2	86
244	<i>Spirulina</i> for snack enrichment: Nutritional, physical and sensory evaluations. <i>LWT - Food Science and Technology</i> , 2018 , 90, 270-276	5.4	84
243	Microalgae as source of polyhydroxyalkanoates (PHAs) - A review. <i>International Journal of Biological Macromolecules</i> , 2019 , 131, 536-547	7.9	80
242	Simultaneous production of lipases and biosurfactants by submerged and solid-state bioprocesses. <i>Bioresource Technology</i> , 2010 , 101, 8308-14	11	80

241	Isolation and application of SOX and NOX resistant microalgae in biofixation of CO ₂ from thermoelectricity plants. <i>Energy Conversion and Management</i> , 2011 , 52, 3132-3136	10.6	79
240	Modelling of growth conditions for cyanobacterium <i>Spirulina platensis</i> in microcosms. <i>World Journal of Microbiology and Biotechnology</i> , 2000 , 16, 15-18	4.4	76
239	Utilization of simulated flue gas containing CO ₂ , SO ₂ , NO and ash for <i>Chlorella fusca</i> cultivation. <i>Bioresource Technology</i> , 2016 , 214, 159-165	11	73
238	Pilot scale semicontinuous production of <i>Spirulina</i> biomass in southern Brazil. <i>Aquaculture</i> , 2009 , 294, 60-64	4.4	71
237	Increase in the carbohydrate content of the microalgae <i>Spirulina</i> in culture by nutrient starvation and the addition of residues of whey protein concentrate. <i>Bioresource Technology</i> , 2016 , 209, 133-41	11	63
236	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
235	Preparation of nanofibers containing the microalga <i>Spirulina</i> (<i>Arthrospira</i>). <i>Bioresource Technology</i> , 2010 , 101, 2872-6	11	62
234	Biological CO mitigation from coal power plant by <i>Chlorella fusca</i> and <i>Spirulina</i> sp. <i>Bioresource Technology</i> , 2017 , 234, 472-475	11	61
233	Fatty acids profile of <i>Spirulina platensis</i> grown under different temperatures and nitrogen concentrations. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2004 , 59, 55-9	1.7	59
232	Isolation and characterization of a new <i>Arthrospira</i> strain. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2008 , 63, 144-50	1.7	58
231	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
230	Kinetic studies on the biosorption of phenol by nanoparticles from <i>Spirulina</i> sp. LEB 18. <i>Journal of Environmental Chemical Engineering</i> , 2013 , 1, 1137-1143	6.8	57
229	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
228	Operational and economic aspects of <i>Spirulina</i> -based biorefinery. <i>Bioresource Technology</i> , 2019 , 292, 121946	11	54
227	Biological applications of nanobiotechnology. <i>Journal of Nanoscience and Nanotechnology</i> , 2014 , 14, 1007-17	11	54
226	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
225	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
224	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

223	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
222	<i>Spirulina platensis</i> effects on the levels of total cholesterol, HDL and triacylglycerols in rabbits fed with a hypercholesterolemic diet. <i>Brazilian Archives of Biology and Technology</i> , 2008 , 51, 405-411	1.8	47
221	Phycocyanin from Microalgae: Properties, Extraction and Purification, with Some Recent Applications. <i>Industrial Biotechnology</i> , 2018 , 14, 30-37	1.3	46
220	<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
219	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
218	<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
217	Magnetic fields as triggers of microalga growth: evaluation of its effect on <i>Spirulina</i> sp. <i>Bioresource Technology</i> , 2016 , 220, 62-67	11	39
216	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
215	Cultivation of microalgae <i>Spirulina platensis</i> (<i>Arthrospira platensis</i>) from biological treatment of swine wastewater. <i>Food Science and Technology</i> , 2010 , 30, 173-178	2	39
214	Different nitrogen sources and growth responses of <i>Spirulina platensis</i> in microenvironments. <i>World Journal of Microbiology and Biotechnology</i> , 2001 , 17, 439-442	4.4	39
213	Production and Characterization of Lipases by Two New Isolates of <i>Aspergillus</i> through Solid-State and Submerged Fermentation. <i>BioMed Research International</i> , 2015 , 2015, 725959	3	38
212	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
211	A new biomaterial of nanofibers with the microalga <i>Spirulina</i> as scaffolds to cultivate with stem cells for use in tissue engineering. <i>Journal of Biomedical Nanotechnology</i> , 2013 , 9, 710-8	4	37
210	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
209	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
208	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
207	Carbon dioxide fixation by microalgae cultivated in open bioreactors. <i>Energy Conversion and Management</i> , 2011 , 52, 3071-3073	10.6	35
206	<i>Spirulina platensis</i> growth in open raceway ponds using fresh water supplemented with carbon, nitrogen and metal ions. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2003 , 58, 76-80	1.7	35

205	Antioxidant ultrafine fibers developed with microalga compounds using a free surface electrospinning. <i>Food Hydrocolloids</i> , 2019 , 93, 131-136	10.6	35
204	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
203	Development of a new nanofiber scaffold for use with stem cells in a third degree burn animal model. <i>Burns</i> , 2014 , 40, 1650-60	2.3	34
202	Biological effects of Spirulina (Arthrospira) biopolymers and biomass in the development of nanostructured scaffolds. <i>BioMed Research International</i> , 2014 , 2014, 762705	3	34
201	Antioxidant properties of Spirulina (Arthrospira) platensis cultivated under different temperatures and nitrogen regimes. <i>Brazilian Archives of Biology and Technology</i> , 2007 , 50, 161-167	1.8	34
200	CO ₂ Biofixation by the Cyanobacterium Spirulina sp. LEB 18 and the Green Alga Chlorella fusca 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
199	Cultivation strategy to stimulate high carbohydrate content in Spirulina biomass. <i>Bioresource Technology</i> , 2018 , 269, 221-226	11	33
198	Progress in the physicochemical treatment of microalgae biomass for value-added product recovery. <i>Bioresource Technology</i> , 2020 , 301, 122727	11	32
197	Assessment of the encapsulation effect of phenolic compounds from Spirulina sp. LEB-18 on their antifusarium activities. <i>Food Chemistry</i> , 2016 , 211, 616-23	8.5	32
196	Innovative pH sensors developed from ultrafine fibers containing aloe (Euterpe oleracea) extract. <i>Food Chemistry</i> , 2019 , 294, 397-404	8.5	31
195	Microalgal biotechnology for greenhouse gas control: Carbon dioxide fixation by Spirulina sp. at different diffusers. <i>Ecological Engineering</i> , 2016 , 91, 426-431	3.9	31
194	Innovative polyhydroxybutyrate production by Chlorella fusca grown with pentoses. <i>Bioresource Technology</i> , 2018 , 265, 456-463	11	31
193	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
192	Vertical tubular photobioreactor for semicontinuous culture of Cyanobium sp. <i>Bioresource Technology</i> , 2011 , 102, 4897-900	11	30
191	Extraction and purification of C-phycoyanin from Spirulina platensis in conventional and integrated aqueous two-phase systems. <i>Journal of the Brazilian Chemical Society</i> , 2010 , 21, 921-926	1.5	30
190	Use of static magnetic fields to increase CO ₂ biofixation by the microalga Chlorella fusca. <i>Bioresource Technology</i> , 2019 , 276, 103-109	11	30
189	CO ₂ conversion by the integration of biological and chemical methods: Spirulina sp. LEB 18 cultivation with diethanolamine and potassium carbonate addition. <i>Bioresource Technology</i> , 2018 , 267, 77-83	11	29
188	Microalgae starch: A promising raw material for the bioethanol production. <i>International Journal of Biological Macromolecules</i> , 2020 , 165, 2739-2749	7.9	29

187	Improvement of Thermal Stability of C-Phycocyanin by Nanofiber and Preservative Agents. <i>Journal of Food Processing and Preservation</i> , 2016 , 40, 1264-1269	2.1	29
186	Static magnetic fields in culture of <i>Chlorella fusca</i> : Bioeffects on growth and biomass composition. <i>Process Biochemistry</i> , 2016 , 51, 912-916	4.8	29
185	Bioprocess Engineering Aspects of Biopolymer Production by the Cyanobacterium <i>Spirulina</i> Strain LEB 18. <i>International Journal of Polymer Science</i> , 2014 , 2014, 1-6	2.4	27
184	<i>Spirulina</i> sp. LEB-18 culture using effluent from the anaerobic digestion. <i>Brazilian Journal of Chemical Engineering</i> , 2013 , 30, 277-288	1.7	26
183	A novel nanocomposite for food packaging developed by electrospinning and electrospraying. <i>Food Packaging and Shelf Life</i> , 2019 , 20, 100314	8.2	25
182	Recent Advances and Future Perspectives of PHB Production by Cyanobacteria. <i>Industrial Biotechnology</i> , 2018 , 14, 249-256	1.3	25
181	Effect of microalga <i>Spirulina platensis</i> (<i>Arthrospira platensis</i>) on hippocampus lipoperoxidation and lipid profile in rats with induced hypercholesterolemia. <i>Brazilian Archives of Biology and Technology</i> , 2009 , 52, 1253-1259	1.8	24
180	Innovative nanofiber technology to improve carbon dioxide biofixation in microalgae cultivation. <i>Bioresource Technology</i> , 2019 , 273, 592-598	11	24
179	Production and characterization of <i>Spirulina</i> sp. LEB 18 cultured in reused Zarrouk's medium in a raceway-type bioreactor. <i>Bioresource Technology</i> , 2019 , 284, 340-348	11	23
178	<i>Spirulina</i> 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
177	Green alga cultivation with monoethanolamine: Evaluation of CO fixation and macromolecule production. <i>Bioresource Technology</i> , 2018 , 261, 206-212	11	23
176	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
175	Development of a colorimetric pH indicator using nanofibers containing <i>Spirulina</i> sp. LEB 18. <i>Food Chemistry</i> , 2020 , 328, 126768	8.5	22
174	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
173	<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
172	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
171	Conteúdo lipídico e composição de ácidos graxos de microalgas expostas aos gases CO ₂ , SO ₂ e NO. <i>Química Nova</i> , 2008 , 31, 1609-1612	1.6	21
170	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	11	21

169	Chlorella minutissima cultivation with CO and pentoses: Effects on kinetic and nutritional parameters. <i>Bioresource Technology</i> , 2017 , 244, 338-344	11	20
168	Produç de biossurfactante por <i>Aspergillus fumigatus</i> utilizando resduos agroindustriais como substrato. <i>Quimica Nova</i> , 2009 , 32, 292-295	1.6	20
167	Hidrolisado protico de pescado obtido por vias quimica e enzimica a partir de corvina (<i>Micropogonias furnieri</i>). <i>Quimica Nova</i> , 2009 , 32, 61-66	1.6	20
166	Simultaneous cultivation of <i>Spirulina platensis</i> and the toxigenic cyanobacteria <i>Microcystis aeruginosa</i> . <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2006 , 61, 105-10	1.7	20
165	Repeated batch cultivation of the microalga <i>Spirulina platensis</i> . <i>World Journal of Microbiology and Biotechnology</i> , 2006 , 22, 937-943	4.4	20
164	Expanded and fixed bed ion exchange chromatography for the recovery of C-phycoyanin in a single step by using lysed cells. <i>Canadian Journal of Chemical Engineering</i> , 2015 , 93, 111-115	2.3	19
163	Heat transfer simulation of solid state fermentation in a packed-bed bioreactor. <i>Biotechnology Letters</i> , 1998 , 12, 787-791		19
162	Innovative functional nanodispersion: Combination of carotenoid from <i>Spirulina</i> and yellow passion fruit albedo. <i>Food Chemistry</i> , 2019 , 285, 397-405	8.5	18
161	Magnetic treatment of microalgae for enhanced product formation. <i>World Journal of Microbiology and Biotechnology</i> , 2017 , 33, 169	4.4	18
160	Antioxidant effect of phycocyanin on oxidative stress induced with monosodium glutamate in rats. <i>Brazilian Archives of Biology and Technology</i> , 2011 , 54, 733-738	1.8	18
159	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
158	Production of Nanofibers Containing the Bioactive Compound C-Phycocyanin. <i>Journal of Nanoscience and Nanotechnology</i> , 2016 , 16, 944-9	1.3	17
157	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
156	<i>Spirulina</i> 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
155	Advances in Solid-State Fermentation 2018 , 1-17		16
154	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
153	Enzymatic Saccharification of Lignocellulosic Residues by Cellulases Obtained from Solid State Fermentation Using <i>Trichoderma viride</i> . <i>BioMed Research International</i> , 2015 , 2015, 342716	3	16
152	<i>Spirulina</i> as a protein source in the nutritional recovery of Wistar rats. <i>Brazilian Archives of Biology and Technology</i> , 2013 , 56, 447-456	1.8	16

151	Recovery of C-Phycocyanin in the Presence of Cells Using Expanded Bed IEC. <i>Chromatographia</i> , 2011 , 74, 307-312	2.1	16
150	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
149	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
148	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
147	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
146	Biofunctionalized nanofibers using <i>Arthrospira</i> (<i>Spirulina</i>) biomass and biopolymer. <i>BioMed Research International</i> , 2015 , 2015, 967814	3	15
145	Packing density and thermal conductivity determination for rice bran solid-state fermentation. <i>Biotechnology Letters</i> , 1998 , 12, 747-750		15
144	Influence of carbon, nitrogen and phosphorous sources on glucoamylase production by <i>Aspergillus awamori</i> in solid state fermentation. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2003 , 58, 708-12	1.7	15
143	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
142	Cultivo da microalga <i>spirulina platensis</i> em fontes alternativas de nutrientes. <i>Ciencia E Agrotecnologia</i> , 2008 , 32, 1551-1556	1.6	14
141	Solid state biosurfactant production in a fixed-bed column bioreactor. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2006 , 61, 721-6	1.7	14
140	Optimization of glucoamylase production by <i>Aspergillus niger</i> in solid-state fermentation. <i>Applied Biochemistry and Biotechnology</i> , 2006 , 128, 131-40	3.2	14
139	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
138	<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
137	Light emitting diodes applied in <i>Synechococcus nidulans</i> cultures: Effect on growth, pigments production and lipid profiles. <i>Bioresource Technology</i> , 2019 , 280, 511-514	11	13
136	Extraction of poly(3-hydroxybutyrate) from <i>Spirulina</i> LEB 18 for developing nanofibers. <i>Polimeros</i> , 2015 , 25, 161-167	1.6	13
135	In situ bioremediation using biosurfactant produced by solid state fermentation. <i>World Journal of Microbiology and Biotechnology</i> , 2009 , 25, 843-851	4.4	13
134	Bioprocessos para remoção de dióxido de carbono e nitrato de nitrogênio por micro-algas visando a utilização de gases gerados durante a combustão do carvão. <i>Quimica Nova</i> , 2008 , 31, 1038-1042	1.6	13

133	Purification of C-phycoyanin from <i>Spirulina platensis</i> in aqueous two-phase systems using an experimental design. <i>Brazilian Archives of Biology and Technology</i> , 2015 , 58, 1-11	1.8	13
132	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
131	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
130	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
129	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
128	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
127	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
126	Essential oil of <i>Ocotea odorifera</i> : An alternative against <i>Sitophilus zeamais</i> . <i>Renewable Agriculture and Food Systems</i> , 2014 , 29, 161-166	1.8	12
125	Avaliaço cntica da produço de biossurfactantes bacterianos. <i>Qumica Nova</i> , 2009 , 32, 2104-2108	1.6	12
124	Enhancement of the carbohydrate content in <i>Spirulina</i> by applying CO ₂ , thermoelectric fly ashes and reduced nitrogen supply. <i>International Journal of Biological Macromolecules</i> , 2019 , 123, 1241-1247	7.9	12
123	Magnetic fields: biomass potential of <i>Spirulina</i> sp. for food supplement. <i>Bioprocess and Biosystems Engineering</i> , 2020 , 43, 1231-1240	3.7	11
122	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
121	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
120	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
119	Cellular Stress Conditions as a Strategy to Increase Carbohydrate Productivity in <i>Spirulina platensis</i> . <i>Bioenergy Research</i> , 2020 , 13, 1221-1234	3.1	10
118	<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
117	An Open Pond System for Microalgal Cultivation 2014 , 1-22		10
116	Protein enrichment and digestibility of soft rush (<i>Juncus effusus</i>) and rice residues using edible mushrooms <i>Pleurotus ostreatus</i> and <i>Pleurotus sajor-caju</i> . <i>World Journal of Microbiology and Biotechnology</i> , 2009 , 25, 449-456	4.4	10

115	Co-produção de lipase e biossurfactante em estado sólido para utilização em biorremediação de óleos vegetais e hidrocarbonetos. <i>Quimica Nova</i> , 2008 , 31, 1942-1947	1.6	10
114	Simultaneous amyloglucosidase and exo-polygalacturonase production by <i>Aspergillus niger</i> using solid-state fermentation. <i>Brazilian Archives of Biology and Technology</i> , 2007 , 50, 759-766	1.8	10
113	<i>Spirulina</i> 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
112	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
111	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
110	Role of light emitting diode (LED) wavelengths on increase of protein productivity and free amino acid profile of <i>Spirulina</i> sp. cultures. <i>Bioresource Technology</i> , 2020 , 306, 123184	11	9
109	Microalgae biopeptides applied in nanofibers for the development of active packaging. <i>Polimeros</i> , 2017 , 27, 290-297	1.6	9
108	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
107	Electrospun Polymeric Nanofibers in Food Packaging 2018 , 387-417		9
106	<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
105	Isolamento e seleção de fungos para biorremediação a partir de solo contaminado com herbicidas triazínicos. <i>Ciencia E Agrotecnologia</i> , 2008 , 32, 809-813	1.6	9
104	Perfil de ácidos graxos de microalgas cultivadas com dióxido de carbono. <i>Ciencia E Agrotecnologia</i> , 2008 , 32, 1245-1251	1.6	9
103	Evaluation of filamentous fungi and inducers for the production of endo-polygalacturonase by solid state fermentation. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2002 , 57, 666-70	1.7	9
102	Physical and biological fixation of CO with polymeric nanofibers in outdoor cultivations of <i>Chlorella fusca</i> LEB 111. <i>International Journal of Biological Macromolecules</i> , 2020 , 151, 1332-1339	7.9	9
101	Renewal of nanofibers in <i>Chlorella fusca</i> microalgae cultivation to increase CO fixation. <i>Bioresource Technology</i> , 2021 , 321, 124452	11	9
100	INDUSTRIAL PLANT FOR PRODUCTION OF <i>Spirulina</i> sp. LEB 18. <i>Brazilian Journal of Chemical Engineering</i> , 2019 , 36, 51-63	1.7	8
99	Evaluation of Adding <i>Spirulina</i> to Freeze-Dried Yogurts Before Fermentation and After Freeze-Drying. <i>Industrial Biotechnology</i> , 2019 , 15, 89-94	1.3	8
98	New technologies from the bioworld: selection of biopolymer-producing microalgae. <i>Polimeros</i> , 2017 , 27, 285-289	1.6	8

97	Scaffolds Containing Spirulina 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
96	Effect of the carbon concentration, blend concentration, and renewal rate in the growth kinetic of Chlorella sp. <i>Scientific World Journal, The</i> , 2014 , 2014, 205184	2.2	8
95	Technological and nutritional assessment of dry pasta with oatmeal and the microalga Spirulina platensis. <i>Brazilian Journal of Food Technology</i> , 2014 , 17, 296-304	1.5	8
94	Outdoor and indoor cultivation of Spirulina platensis in the extreme south of Brazil. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2008 , 63, 85-90	1.7	8
93	Column bioreactor use for optimization of pectinase production in solid substrate cultivation. <i>Brazilian Journal of Microbiology</i> , 2007 , 38, 557-562	2.2	8
92	Snack bars enriched with Spirulina for schoolchildren nutrition. <i>Food Science and Technology</i> , 2020 , 40, 146-152	2	8
91	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
90	Open pond systems for microalgal culture 2019 , 199-223		7
89	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
88	Solid-State Fermentation for the Production of Biosurfactants and Their Applications 2018 , 357-372		7
87	Effects of harvesting Spirulina platensis biomass using coagulants and electrocoagulation-flotation on enzymatic hydrolysis. <i>Bioresource Technology</i> , 2020 , 311, 123526	11	7
86	Increased lipid synthesis in the culture of Chlorella homosphaera with magnetic fields application. <i>Bioresource Technology</i> , 2020 , 315, 123880	11	7
85	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
84	Hydrolysis of insoluble fish protein residue from whitemouth croaker (<i>Micropogonias furnieri</i>) by fungi. <i>Brazilian Archives of Biology and Technology</i> , 2014 , 57, 96-102	1.8	6
83	Chemical modification and structural analysis of protein isolates to produce hydrogel using Whitemouth croaker (<i>Micropogonias furnieri</i>) wastes. <i>Applied Biochemistry and Biotechnology</i> , 2011 , 165, 279-89	3.2	6
82	Cultivo mixotrófico da microalga Spirulina platensis em batelada alimentada. <i>Ciencia E Agrotecnologia</i> , 2005 , 29, 1132-1138	1.6	6
81	Estimating microalgae <i>Synechococcus nidulans</i> daily biomass concentration using neuro-fuzzy network. <i>Food Science and Technology</i> , 2011 , 33, 142-147	2	6
80	Is downstream ultrafiltration enough for production of food-grade phycocyanin from <i>Arthrospira platensis</i> ?. <i>Journal of Applied Phycology</i> , 2020 , 32, 1129-1140	3.2	6

79	Carbon Dioxide Biofixation and Production of Spirulina 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
78	Potential of Live Spirulina platensis on Biosorption of Hexavalent Chromium and Its Conversion to Trivalent Chromium. <i>International Journal of Phytoremediation</i> , 2015 , 17, 861-8	3.9	5
77	Innovative development of membrane sparger for carbon dioxide supply in microalgae cultures. <i>Biotechnology Progress</i> , 2020 , 36, e2987	2.8	5
76	Microalgae-Based Biorefineries as a Promising Approach to Biofuel Production 2017 , 113-140		5
75	Spirulina platensis Enhances the Beneficial Effect of Exercise on Oxidative Stress and the Lipid Profile in Rats. <i>Brazilian Archives of Biology and Technology</i> , 2015 , 58, 961-969	1.8	5
74	Biodegradaçã de tolueno e lão de pescado em solos impactados utilizando surfactantes quãnico e biolãgico. <i>Quimica Nova</i> , 2009 , 32, 395-400	1.6	5
73	Perda quãnica de carbono e cintica do crescimento celular em cultivos de Spirulina. <i>Quimica Nova</i> , 2008 , 31, 2031-2034	1.6	5
72	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
71	Role of microalgae in circular bioeconomy: from waste treatment to biofuel production. <i>Clean Technologies and Environmental Policy</i> , 1	4.3	5
70	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
69	Application of Poly(styrene-co-divinylbenzene) Macroporous Microparticles as a Catalyst Support in the Enzymatic Synthesis of Biodiesel. <i>Journal of Polymers and the Environment</i> , 2016 , 24, 264-273	4.5	5
68	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
67	Superfoods: Drivers for Consumption. <i>Journal of Food Products Marketing</i> , 2021 , 27, 1-9	2.4	5
66	Evaluation of different modes of operation for the production of Spirulina sp.. <i>Journal of Chemical Technology and Biotechnology</i> , 2016 , 91, 1345-1348	3.5	4
65	Hexahedral modular bioreactor for solid state bioprocesses. <i>World Journal of Microbiology and Biotechnology</i> , 2009 , 25, 2173-2178	4.4	4
64	Magnetic field as promoter of growth in outdoor and indoor assays of Chlorella fusca. <i>Bioprocess and Biosystems Engineering</i> , 2021 , 44, 1453-1460	3.7	4
63	Biodiesel and Bioethanol from Microalgae. <i>Green Energy and Technology</i> , 2016 , 359-386	0.6	4
62	Microalgal biotechnology applied in biomedicine 2020 , 429-439		4

61	Evaluation of CO ₂ Biofixation and Biodiesel Production by Spirulina (Arthrospira) Cultivated In Air-Lift Photobioreactor. <i>Brazilian Archives of Biology and Technology</i> , 2018 , 61,	1.8	4
60	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
59	Simultaneous Biosynthesis of Silver Nanoparticles with Spirulina sp. LEB 18 Cultivation. <i>Industrial Biotechnology</i> , 2019 , 15, 263-267	1.3	3
58	Phenolic compounds and antioxidant capacity of (Chlorococcales) biomass. <i>International Journal of Environmental Health Research</i> , 2020 , 1-13	3.6	3
57	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
56	Production of polymeric nanofibers with different conditions of the electrospinning process. <i>Revista Materia</i> , 2017 , 22,	0.8	3
55	Protein and Amino Acid Solubilization using Bacillus cereus, Bacillus velesensis, and Chryseobacterium sp. from Chemical Extraction Protein Residue. <i>Food and Bioprocess Technology</i> , 2011 , 4, 116-123	5.1	3
54	A solid-state bioprocess for selecting lipase-producing filamentous fungi. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2009 , 64, 131-7	1.7	3
53	Selection of lipase-producing microorganisms through submerged fermentation. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2010 , 65, 483-8	1.7	3
52	Microalga biomass and biomethane production in the south of Brazil. <i>Journal of Biotechnology</i> , 2008 , 136, S430	3.7	3
51	Fatty Acid Biosynthesis from Chlorella in Autotrophic and Mixotrophic Cultivation. <i>Brazilian Archives of Biology and Technology</i> , 63,	1.8	3
50	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
49	Microalgae Polysaccharides: An Overview of Production, Characterization, and Potential Applications. <i>Polysaccharides</i> , 2021 , 2, 759-772	3	3
48	Bioprocess strategies for enhancing biomolecules productivity in Chlorella fusca LEB 111 using CO ₂ a carbon source. <i>Biotechnology Progress</i> , 2020 , 36, e2909	2.8	3
47	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
46	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
45	Magnetic fields exhibit a positive impact on lipid and biomass yield during phototrophic cultivation of Spirulina sp. <i>Bioprocess and Biosystems Engineering</i> , 2021 , 44, 2087-2097	3.7	3
44	Scaling-up production of Spirulina sp. LEB18 grown in aquaculture wastewater. <i>Aquaculture</i> , 2021 , 544, 737045	4.4	3

43	Consumer Perception Toward Superfoods A Segmentation Study. <i>Journal of International Food and Agribusiness Marketing</i> ,1-19	1.5	3
42	Modeling the growth of microalgae <i>Spirulina</i> sp. with application of illuminance and magnetic field. <i>Journal of Chemical Technology and Biotechnology</i> , 2019 , 94, 1770-1776	3.5	2
41	Liquid Biofuels From Microalgae: Recent Trends 2019 , 351-372		2
40	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
39	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
38	Analytical modeling and numerical optimization of the biosurfactants production in solid-state fermentation by <i>Aspergillus fumigatus</i> - doi: 10.4025/actascitechnol.v36i1.17818. <i>Acta Scientiarum - Technology</i> , 2013 , 36,	0.5	2
37	Pentoses Used in Cultures of <i>Synechococcus nidulans</i> and <i>Spirulina paracas</i> : Evaluation of Effects in Growth and in Content of Proteins and Carbohydrates. <i>Brazilian Archives of Biology and Technology</i> ,62,	1.8	2
36	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	1.1	2
35	Caloric restriction and <i>Spirulina platensis</i> extract against ferrous ion (Fe ²⁺) in the aging of <i>Saccharomyces cerevisiae</i> cells deleted to the SIR2 gene. <i>Research, Society and Development</i> , 2020 , 9, e662986210	1.1	2
34	Hydrolyzed <i>Spirulina</i> 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
33	Water-uptake properties of a fish protein-based superabsorbent hydrogel chemically modified with ethanol. <i>Polimeros</i> , 2018 , 28, 196-204	1.6	2
32	Effects of microencapsulation on the preservation of thermal stability and antioxidant properties of <i>Spirulina</i> . <i>Journal of Food Measurement and Characterization</i> , 2021 , 15, 5657	2.8	2
31	Evaluation of protein content and antimicrobial activity of biomass from <i>Spirulina</i> cultivated with residues from the brewing process. <i>Journal of Chemical Technology and Biotechnology</i> ,	3.5	2
30	Development of Bioactive Nanopeptide of Microalgal Origin. <i>Journal of Nanoscience and Nanotechnology</i> , 2017 , 17, 1025-030	1.3	1
29	Microalgae as a source of sustainable biofuels 2020 , 253-271		1
28	Biofixation of CO ₂ from synthetic combustion gas using cultivated microalgae in three-stage serial tubular photobioreactors. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2011 , 66, 313-8	1.7	1
27	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
26	Polyhydroxybutyrate (PHB)-based blends and composites 2022 , 389-413		1

25	Cultivo da cianobactéria <i>Spirulina platensis</i> a partir de efluente sintético de suíço. <i>Ciencia E Agrotecnologia</i> , 2005 , 29, 118-125	1.6	1
24	Potencial amilolítico do grão de milho maltado no processo de sacarificação do mesmo cereal. <i>Ciencia E Agrotecnologia</i> , 2009 , 33, 855-862	1.6	1
23	Advances in the synthesis and applications of nanomaterials to increase CO ₂ biofixation in microalgal cultivation. <i>Clean Technologies and Environmental Policy</i> ,1	4.3	1
22	Improving water kefir nutritional quality via addition of viable <i>Spirulina</i> biomass. <i>Bioresource Technology Reports</i> , 2022 , 17, 100914	4.1	1
21	<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
20	Cyanobacterial Biomass by Reuse of Wastewater-Containing Hypochlorite. <i>Industrial Biotechnology</i> , 2018 , 14, 265-269	1.3	1
19	Estudo da produção de lipase por <i>Burkholderia cepacia</i> . <i>Engenharia Sanitaria E Ambiental</i> , 2018 , 23, 637-644.	4.4	1
18	Development of pH indicators from nanofibers containing microalgal pigment for monitoring of food quality. <i>Food Bioscience</i> , 2021 , 44, 101387	4.9	1
17	Outdoor Production of Biomass and Biomolecules by <i>Spirulina</i> (<i>Arthrospira</i>) and <i>Synechococcus</i> cultivated with Reduced Nutrient Supply. <i>Bioenergy Research</i> ,1	3.1	1
16	Exopolysaccharides from microalgae: Production in a biorefinery framework and potential applications. <i>Bioresource Technology Reports</i> , 2022 , 18, 101006	4.1	1
15	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
14	Microfiltration membranes developed from nanofibers via an electrospinning process. <i>Materials Chemistry and Physics</i> , 2022 , 277, 125509	4.4	0
13	Insights into the technology utilized to cultivate microalgae in dairy effluents. <i>Biocatalysis and Agricultural Biotechnology</i> , 2021 , 35, 102106	4.2	0
12	Modulating phytohormone supplementation can efficiently increase biomass and lipid production in <i>Spirulina</i> (<i>Arthrospira</i>). <i>Bioenergy Research</i> ,1	3.1	0
11	Simultaneous Application of Mixotrophic Culture and Magnetic Fields as a Strategy to Improve <i>Spirulina</i> sp. LEB 18 Phycocyanin Synthesis. <i>Current Microbiology</i> , 2021 , 78, 4014-4022	2.4	0
10	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
9	Microalgae-Based UV Protection Compounds 2021 , 201-224		
8	Biomolecule concentrations increase in <i>Chlorella fusca</i> LEB 111 cultured using chemical absorbents and nutrient reuse. <i>Bioenergy Research</i> ,1	3.1	

- 7 Microalgae Consortia for Post-treating Effluent of Anaerobic Digestion of Cattle Waste and Evaluation of Biochemical Composition of Biomass. *Bioenergy Research*,1 3.1
- 6 Biosurfactant production by *Phialemonium* sp. using agroindustrial wastes: influence of culture conditions. *Acta Scientiarum - Biological Sciences*, **2019**, 41, 43484 0.3
- 5 Microalgae as source of edible lipids **2021**, 147-175
- 4 Nanofiber-Reinforced Bionanocomposites in Agriculture Applications. *Composites Science and Technology*, **2022**, 311-332
- 3 Increasing the cell productivity of mixotrophic growth of *Spirulina* sp. LEB 18 with crude glycerol. *Biomass Conversion and Biorefinery*,1 2.3
- 2 Encapsulation of Bioactive Compounds in Electrospun Nanofibers for Food Packaging **2022**, 473-490
- 1 Electrospun Polymeric Nanofibers: An Innovative Application for Preservation of Fruits and Vegetables **2022**, 451-471