

Kit Wayne Chew

List of Publications by Year in descending order

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149
papers

8,776
citations

41344

49
h-index

48315

88
g-index

151
all docs

151
docs citations

151
times ranked

6262
citing authors

#	ARTICLE	IF	CITATIONS
1	Prospects of Palm Fruit Extraction Technology: Palm Oil Recovery Processes and Quality Enhancement. <i>Food Reviews International</i> , 2022, 38, 893-920.	8.4	10
2	A review on bioconversion processes for hydrogen production from agro-industrial residues. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 37302-37320.	7.1	32
3	How does the Internet of Things (IoT) help in microalgae biorefinery?. <i>Biotechnology Advances</i> , 2022, 54, 107819.	11.7	45
4	Microalgal-based biochar in wastewater remediation: Its synthesis, characterization and applications. <i>Environmental Research</i> , 2022, 204, 111966.	7.5	86
5	Algae as potential feedstock for various bioenergy production. <i>Chemosphere</i> , 2022, 287, 131944.	8.2	33
6	Recent advances biodegradation and biosorption of organic compounds from wastewater: Microalgae-bacteria consortium - A review. <i>Bioresource Technology</i> , 2022, 344, 126159.	9.6	185
7	Biotechnology and sustainable environmental health management. <i>Chemosphere</i> , 2022, 291, 132798.	8.2	1
8	Continuous cultivation of microalgae in photobioreactors as a source of renewable energy: Current status and future challenges. <i>Renewable and Sustainable Energy Reviews</i> , 2022, 154, 111852.	16.4	107
9	Bioethanol from hydrolysate of ultrasonic processed robust microalgal biomass cultivated in dairy wastewater under optimal strategy. <i>Energy</i> , 2022, 244, 122604.	8.8	18
10	Application progress of bioactive compounds in microalgae on pharmaceutical and cosmetics. <i>Chemosphere</i> , 2022, 291, 132932.	8.2	39
11	Valorization of spent brewery yeast biosorbent with sonication-assisted adsorption for dye removal in wastewater treatment. <i>Environmental Research</i> , 2022, 204, 112385.	7.5	29
12	Novel strategy in biohydrogen energy production from COVID - 19 plastic waste: A critical review. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 42051-42074.	7.1	15
13	Sustainable smart photobioreactor for continuous cultivation of microalgae embedded with Internet of Things. <i>Bioresource Technology</i> , 2022, 346, 126558.	9.6	31
14	Utilization of agricultural lignocellulosic wastes for biofuels and green diesel production. <i>Chemosphere</i> , 2022, 290, 133246.	8.2	20
15	Renewable diesel as fossil fuel substitution in Malaysia: A review. <i>Fuel</i> , 2022, 314, 123137.	6.4	49
16	Microwave-assisted pyrolysis for carbon catalyst, nanomaterials and biofuel production. <i>Fuel</i> , 2022, 313, 123023.	6.4	14
17	Safety control of waste cooking oil: transforming hazard into multifarious products with available pre-treatment processes. , 2022, 2, 1-11.		0
18	Green biorefinery: Microalgae-bacteria microbiome on tolerance investigations in plants. <i>Journal of Biotechnology</i> , 2022, 343, 120-127.	3.8	4

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19	Adapting microalgae-based strategies for sustainable green cities. <i>Biotechnology Journal</i> , 2022, 17, e2100586.	3.5	4
20	Environmental analysis of <i>Chlorella vulgaris</i> cultivation in large scale closed system under waste nutrient source. <i>Chemical Engineering Journal</i> , 2022, 433, 134254.	12.7	6
21	Recovery of microalgae biodiesel using liquid biphasic flotation system. <i>Fuel</i> , 2022, 317, 123368.	6.4	15
22	Phycocyanin: A Natural Antioxidant to Combat Free Radicals. <i>Current Nutrition and Food Science</i> , 2022, 18, 338-344.	0.6	2
23	Sustainable management of algal blooms in ponds and rivers. , 2022, , 431-444.		4
24	Utilization of Aerobic Compression Composting Technology on Raw Mushroom Waste for Bioenergy Pellets Production. <i>Processes</i> , 2022, 10, 463.	2.8	5
25	Extraction of fucoxanthin from <i>Chaetoceros calcitrans</i> by electropermeabilization-assisted liquid biphasic flotation system. <i>Journal of Chromatography A</i> , 2022, 1668, 462915.	3.7	12
26	Isolation of indole-3-acetic acid-producing <i>Azospirillum brasilense</i> from Vietnamese wet rice: Co-immobilization of isolate and microalgae as a sustainable biorefinery. <i>Journal of Biotechnology</i> , 2022, 349, 12-20.	3.8	8
27	A review on the diverse interactions between microalgae and nanomaterials: Growth variation, photosynthetic performance and toxicity. <i>Bioresource Technology</i> , 2022, 351, 127048.	9.6	42
28	Smart microalgae farming with internet-of-things for sustainable agriculture. <i>Biotechnology Advances</i> , 2022, 57, 107931.	11.7	47
29	Prospects and environmental sustainability of phyconanotechnology: A review on algae-mediated metal nanoparticles synthesis and mechanism. <i>Environmental Research</i> , 2022, 212, 113140.	7.5	66
30	Recent advances of biosurfactant for waste and pollution bioremediation: Substitutions of petroleum-based surfactants. <i>Environmental Research</i> , 2022, 212, 113126.	7.5	26
31	Optimization analysis of hydrogen separation from an H ₂ /CO ₂ gas mixture via a palladium membrane with a vacuum using response surface methodology. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 42266-42279.	7.1	1
32	Indigenous Materials as Catalyst Supports for Renewable Diesel Production in Malaysia. <i>Energies</i> , 2022, 15, 2835.	3.1	2
33	Automated Cultivation System for Microalgae: Growth Factors and Control. <i>Current Nutrition and Food Science</i> , 2022, 18, 776-779.	0.6	3
34	Special Issue on "New Processes: Working towards a Sustainable Society" <i>Processes</i> , 2022, 10, 869.	2.8	0
35	Current advances in recovery and biorefinery of fucoxanthin from <i>Phaeodactylum tricornutum</i> . <i>Algal Research</i> , 2022, 65, 102735.	4.6	13
36	Recent advances in the conversion of waste cooking oil into value-added products: A review. <i>Fuel</i> , 2022, 324, 124539.	6.4	33

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37	Comparative study of ozonation and ozonation catalyzed by Fe-loaded biochar as catalyst to remove methylene blue from aqueous solution. <i>Chemosphere</i> , 2022, 307, 135738.	8.2	47
38	Optimization of production parameters of fish protein hydrolysate from <i>Sarda Orientalis</i> black muscle (by-product) using protease enzyme. <i>Clean Technologies and Environmental Policy</i> , 2021, 23, 31-40.	4.1	14
39	Prospects of Industry 5.0 in algae: Customization of production and new advance technology for clean bioenergy generation. <i>Energy Conversion and Management: X</i> , 2021, 10, 100048.	1.6	51
40	Sustainable membrane technology for resource recovery from wastewater: Forward osmosis and pressure retarded osmosis. <i>Journal of Water Process Engineering</i> , 2021, 39, 101758.	5.6	31
41	Permeabilization of <i>Chlorella sorokiniana</i> and extraction of lutein by distillable CO ₂ -based alkyl carbamate ionic liquids. <i>Separation and Purification Technology</i> , 2021, 256, 117471.	7.9	36
42	Thermal-Fenton mechanism with sonoprocessing for rapid non-catalytic transesterification of microalgal to biofuel production. <i>Chemical Engineering Journal</i> , 2021, 408, 127264.	12.7	17
43	Preparation and characterization of curdlan/nanocellulose blended film and its application to chilled meat preservation. <i>Chemosphere</i> , 2021, 266, 128948.	8.2	18
44	Bioprocessing of <i>Chaetoceros calcitrans</i> for the recovery of fucoxanthin using CO ₂ -based alkyl carbamate ionic liquids. <i>Bioresource Technology</i> , 2021, 322, 124520.	9.6	28
45	Algae utilization and its role in the development of green cities. <i>Chemosphere</i> , 2021, 268, 129322.	8.2	53
46	Microalgae cultivation in wastewater and potential processing strategies using solvent and membrane separation technologies. <i>Journal of Water Process Engineering</i> , 2021, 39, 101701.	5.6	45
47	How does ionic liquid play a role in sustainability of biomass processing?. <i>Journal of Cleaner Production</i> , 2021, 284, 124772.	9.3	51
48	Biogas production from beverage factory wastewater in a mobile bioenergy station. <i>Chemosphere</i> , 2021, 264, 128564.	8.2	17
49	Can algae contribute to the war with Covid-19?. <i>Bioengineered</i> , 2021, 12, 1226-1237.	3.2	31
50	Microalgal-Bacterial Consortia as Future Prospect in Wastewater Bioremediation, Environmental Management and Bioenergy Production. <i>Indian Journal of Microbiology</i> , 2021, 61, 262-269.	2.7	73
51	Effective removal of excessive fluoride from aqueous environment using activated pods of <i>Bauhinia variegata</i> : Batch and dynamic analysis. <i>Environmental Pollution</i> , 2021, 272, 115969.	7.5	16
52	Prospects and development of algal-bacterial biotechnology in environmental management and protection. <i>Biotechnology Advances</i> , 2021, 47, 107684.	11.7	83
53	Waste biorefinery towards a sustainable circular bioeconomy: a solution to global issues. <i>Biotechnology for Biofuels</i> , 2021, 14, 87.	6.2	176
54	Microalgae for biofuels, wastewater treatment and environmental monitoring. <i>Environmental Chemistry Letters</i> , 2021, 19, 2891-2904.	16.2	87

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55	Algae biopolymer towards sustainable circular economy. <i>Bioresource Technology</i> , 2021, 325, 124702.	9.6	112
56	Characterization of a recombinant laccase from <i>Fusarium oxysporum</i> HUIB02 for biochemical application on dyes removal. <i>Biochemical Engineering Journal</i> , 2021, 168, 107958.	3.6	15
57	Microalgae: The Future Supply House of Biohydrogen and Biogas. <i>Frontiers in Energy Research</i> , 2021, 9, .	2.3	30
58	Permeabilization of <i>Haematococcus pluvialis</i> and solid-liquid extraction of astaxanthin by CO ₂ -based alkyl carbamate ionic liquids. <i>Chemical Engineering Journal</i> , 2021, 411, 128510.	12.7	53
59	A comprehensive review on the techniques for coconut oil extraction and its application. <i>Bioprocess and Biosystems Engineering</i> , 2021, 44, 1807-1818.	3.4	33
60	Computational Lock and Key and Dynamic Trajectory Analysis of Natural Biophors Against COVID-19 Spike Protein to Identify Effective Lead Molecules. <i>Molecular Biotechnology</i> , 2021, 63, 898-908.	2.4	21
61	Abatement of hazardous materials and biomass waste via pyrolysis and co-pyrolysis for environmental sustainability and circular economy. <i>Environmental Pollution</i> , 2021, 278, 116836.	7.5	64
62	Economic potential of bioremediation using immobilized microalgae-based microbial fuel cells. <i>Clean Technologies and Environmental Policy</i> , 2021, 23, 2251-2264.	4.1	23
63	Discovery of β -Glucosidase Inhibitors from Marine Microorganisms: Optimization of Culture Conditions and Medium Composition. <i>Molecular Biotechnology</i> , 2021, 63, 1004-1015.	2.4	6
64	Reuniting the Biogeochemistry of Algae for a Low-Carbon Circular Bioeconomy. <i>Trends in Plant Science</i> , 2021, 26, 729-740.	8.8	52
65	Pyrolysis: An effective technique for degradation of COVID-19 medical wastes. <i>Chemosphere</i> , 2021, 275, 130092.	8.2	134
66	Liquid triphasic systems as sustainable downstream processing of <i>Chlorella</i> sp. biorefinery for potential biofuels and feed production. <i>Bioresource Technology</i> , 2021, 333, 125075.	9.6	24
67	Green bioprocessing of protein from <i>Chlorella vulgaris</i> microalgae towards circular bioeconomy. <i>Bioresource Technology</i> , 2021, 333, 125197.	9.6	11
68	Micro (nano) plastic pollution: The ecological influence on soil-plant system and human health. <i>Science of the Total Environment</i> , 2021, 788, 147815.	8.0	99
69	Plastic waste associated with the COVID-19 pandemic: Crisis or opportunity?. <i>Journal of Hazardous Materials</i> , 2021, 417, 126108.	12.4	103
70	Perspective of <i>Spirulina</i> culture with wastewater into a sustainable circular bioeconomy. <i>Environmental Pollution</i> , 2021, 284, 117492.	7.5	55
71	Soil mineralization as effects of plant growth promoting bacteria isolated from microalgae in wastewater and rice straw application in a long-term paddy rice in Central Viet Nam. <i>Environmental Technology and Innovation</i> , 2021, 24, 101982.	6.1	7
72	The conundrum of waste cooking oil: Transforming hazard into energy. <i>Journal of Hazardous Materials</i> , 2021, 417, 126129.	12.4	40

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73	Disposal methods, health effects and emission regulations for sulfur hexafluoride and its by-products. <i>Journal of Hazardous Materials</i> , 2021, 417, 126107.	12.4	27
74	Emerging algal nanotechnology for high-value compounds: A direction to future food production. <i>Trends in Food Science and Technology</i> , 2021, 116, 290-302.	15.1	33
75	Advanced green bioprocess of soil carbohydrate extraction from long-term conversion of forest soil to paddy field. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106021.	6.7	11
76	Resource recovery from industrial effluents through the cultivation of microalgae: A review. <i>Bioresource Technology</i> , 2021, 337, 125461.	9.6	64
77	Advancement of green technologies: A comprehensive review on the potential application of microalgae biomass. <i>Chemosphere</i> , 2021, 281, 130886.	8.2	61
78	Self-healing epoxy coating synthesis by embedment of metal 2-methyl imidazole and acetylacetonate complexes with microcapsules. <i>Chemosphere</i> , 2021, 285, 131492.	8.2	6
79	Cultivation of <i>Chlorella vulgaris</i> on dairy waste using vision imaging for biomass growth monitoring. <i>Bioresource Technology</i> , 2021, 341, 125892.	9.6	14
80	CO2 mitigation and phycoremediation of industrial flue gas and wastewater via microalgae-bacteria consortium: Possibilities and challenges. <i>Chemical Engineering Journal</i> , 2021, 425, 131436.	12.7	70
81	Recent Development of Renewable Diesel Production Using Bimetallic Catalysts. <i>Frontiers in Energy Research</i> , 2021, 9, .	2.3	5
82	Optimization of culture conditions for gamma-aminobutyric acid production by newly identified <i>Pediococcus pentosaceus</i> MN12 isolated from "mam nem", a fermented fish sauce. <i>Bioengineered</i> , 2021, 12, 54-62.	3.2	14
83	A review on microalgae cultivation and harvesting, and their biomass extraction processing using ionic liquids. <i>Bioengineered</i> , 2020, 11, 116-129.	3.2	229
84	Simulation studies on microwave-assisted pyrolysis of biomass for bioenergy production with special attention on waveguide number and location. <i>Energy</i> , 2020, 190, 116474.	8.8	29
85	Immobilized <i>Chlorella</i> species mixotrophic cultivation at various textile wastewater concentrations. <i>Journal of Water Process Engineering</i> , 2020, 38, 101609.	5.6	23
86	Sustainable utilization of biowaste compost for renewable energy and soil amendments. <i>Environmental Pollution</i> , 2020, 267, 115662.	7.5	75
87	Bioformulation of biochar as a potential inoculant carrier for sustainable agriculture. <i>Environmental Technology and Innovation</i> , 2020, 20, 101168.	6.1	64
88	<i>Chlorella vulgaris</i> FSP-E cultivation in waste molasses: Photo-to-property estimation by artificial intelligence. <i>Chemical Engineering Journal</i> , 2020, 402, 126230.	12.7	37
89	Green technology for the industrial production of biofuels and bioproducts from microalgae: a review. <i>Environmental Chemistry Letters</i> , 2020, 18, 1967-1985.	16.2	89
90	Environmental management of two of the world's most endangered marine and terrestrial predators: Vaquita and cheetah. <i>Environmental Research</i> , 2020, 190, 109966.	7.5	1

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91	Hydrothermally extraction of saponin from <i>Acanthophyllum glandulosum</i> root – Physico-chemical characteristics and antibacterial activity evaluation. <i>Biotechnology Reports (Amsterdam)</i> , Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	6.4	10
92	Natural hydroxyapatite from fishbone waste for the rapid adsorption of heavy metals of aqueous effluent. <i>Environmental Technology and Innovation</i> , 2020, 20, 101109.	6.1	57
93	Outlook on biorefinery potential of palm oil mill effluent for resource recovery. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 104519.	6.7	23
94	Potential Cultivation of <i>Lactobacillus pentosus</i> from Human Breastmilk with Rapid Monitoring through the Spectrophotometer Method. <i>Processes</i> , 2020, 8, 902.	2.8	3
95	The Effects of Biofertilizers on Growth, Soil Fertility, and Nutrients Uptake of Oil Palm (<i>Elaeis</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 37	2.8	37
96	Nature's fight against plastic pollution: Algae for plastic biodegradation and bioplastics production. <i>Environmental Science and Ecotechnology</i> , 2020, 4, 100065.	13.5	174
97	Modelling drying kinetic of oyster mushroom dehydration – The optimization of drying conditions for dehydration of <i>Pleurotus</i> species. <i>Materials Science for Energy Technologies</i> , 2020, 3, 840-845.	1.8	5
98	Genetic engineering of microalgae for enhanced biorefinery capabilities. <i>Biotechnology Advances</i> , 2020, 43, 107554.	11.7	117
99	Sustainability of the four generations of biofuels – A review. <i>International Journal of Energy Research</i> , 2020, 44, 9266-9282.	4.5	225
100	Sonoprocessing-assisted solvent extraction for the recovery of pigment-protein complex from <i>Spirulina platensis</i> . <i>Chemical Engineering Journal</i> , 2020, 398, 125613.	12.7	26
101	Organic Carbonate Production Utilizing Crude Glycerol Derived as By-Product of Biodiesel Production: A Review. <i>Energies</i> , 2020, 13, 1483.	3.1	52
102	Integrated ultrasound-assisted liquid biphasic flotation for efficient extraction of astaxanthin from <i>Haematococcus pluvialis</i> . <i>Ultrasonics Sonochemistry</i> , 2020, 67, 105052.	8.2	83
103	Characterization of whey protein isolate and pectin composite film catalyzed by small laccase from <i>Streptomyces coelicolor</i> . <i>Environmental Technology and Innovation</i> , 2020, 19, 100999.	6.1	28
104	Liquid Biphasic System: A Recent Bioseparation Technology. <i>Processes</i> , 2020, 8, 149.	2.8	52
105	Factors Affecting the Performance of Membrane Osmotic Processes for Bioenergy Development. <i>Energies</i> , 2020, 13, 481.	3.1	9
106	Application of a Liquid Biphasic Flotation (LBF) System for Protein Extraction from <i>Persiscaria Tenulla</i> Leaf. <i>Processes</i> , 2020, 8, 247.	2.8	7
107	Special issue on algae bioprocess engineering. <i>Bioengineered</i> , 2020, 11, 188-188.	3.2	0
108	Nanomaterials Utilization in Biomass for Biofuel and Bioenergy Production. <i>Energies</i> , 2020, 13, 892.	3.1	97

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109	Recent advances in downstream processing of microalgae lipid recovery for biofuel production. <i>Bioresource Technology</i> , 2020, 304, 122996.	9.6	217
110	Potential utilization of bioproducts from microalgae for the quality enhancement of natural products. <i>Bioresource Technology</i> , 2020, 304, 122997.	9.6	224
111	Impact of magnetic immobilization on the cell physiology of green unicellular algae <i>Chlorella vulgaris</i> . <i>Bioengineered</i> , 2020, 11, 141-153.	3.2	29
112	Biorefinery of <i>Chlorella sorokiniana</i> using ultra sonication assisted liquid triphasic flotation system. <i>Bioresource Technology</i> , 2020, 303, 122931.	9.6	20
113	Extraction of phenolic compounds from fresh and wilt kesum plant using liquid biphasic flotation. <i>Separation and Purification Technology</i> , 2020, 242, 116831.	7.9	15
114	Pretreatment methods for lignocellulosic biofuels production: current advances, challenges and future prospects. <i>Biofuel Research Journal</i> , 2020, 7, 1115-1127.	13.3	181
115	Improved physical properties and in vitro biocompatibility of chitosan composite scaffolds incorporated with a green filler on bone cells. <i>Clean Technologies and Environmental Policy</i> , 2020, 22, 701-712.	4.1	1
116	Advanced Food Process Technologies: Bridging Conventional Practices to Industry 4.0. <i>Current Nutrition and Food Science</i> , 2020, 16, 1286-1286.	0.6	3
117	Optimization of protein extraction from <i>Chlorella Vulgaris</i> via novel sugaring-out assisted liquid biphasic electric flotation system. <i>Engineering in Life Sciences</i> , 2019, 19, 968-977.	3.6	23
118	Effects of acids pre-treatment on the microbial fermentation process for bioethanol production from microalgae. <i>Biotechnology for Biofuels</i> , 2019, 12, 191.	6.2	83
119	Cell Separation and Disruption, Product Recovery, and Purification. <i>Learning Materials in Biosciences</i> , 2019, , 237-271.	0.4	4
120	Extraction of natural astaxanthin from <i>Haematococcus pluvialis</i> using liquid biphasic flotation system. <i>Bioresource Technology</i> , 2019, 290, 121794.	9.6	64
121	<i>Spirulina platensis</i> based biorefinery for the production of value-added products for food and pharmaceutical applications. <i>Bioresource Technology</i> , 2019, 289, 121727.	9.6	38
122	Optimization and kinetic study of non-catalytic transesterification of palm oil under subcritical condition using microwave technology. <i>Energy Conversion and Management</i> , 2019, 196, 1126-1137.	9.2	16
123	Technologies for Biogas Upgrading to Biomethane: A Review. <i>Bioengineering</i> , 2019, 6, 92.	3.5	218
124	Hybrid liquid biphasic system for cell disruption and simultaneous lipid extraction from microalgae <i>Chlorella sorokiniana</i> CY-1 for biofuel production. <i>Biotechnology for Biofuels</i> , 2019, 12, 252.	6.2	19
125	Cultivation of Oily Microalgae for the Production of Third-Generation Biofuels. <i>Sustainability</i> , 2019, 11, 5424.	3.2	61
126	An efficient and rapid method to extract and purify protein – Liquid Triphasic Flotation system. <i>Bioresource Technology</i> , 2019, 294, 122158.	9.6	15

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127	Optimization of isoflavones extraction from soybeans using full factorial design. <i>Journal of Food Processing and Preservation</i> , 2019, 43, e14078.	2.0	8
128	Transformation of Biomass Waste into Sustainable Organic Fertilizers. <i>Sustainability</i> , 2019, 11, 2266.	3.2	129
129	Liquid biphasic flotation for the purification of C-phycocyanin from <i>Spirulina platensis</i> microalga. <i>Bioresource Technology</i> , 2019, 288, 121519.	9.6	63
130	Waste to bioenergy: a review on the recent conversion technologies. <i>BMC Energy</i> , 2019, 1, .	6.3	285
131	Extraction of agar from <i>Eucheuma cottonii</i> and <i>Gelidium amansii</i> seaweeds with sonication pretreatment using autoclaving method. <i>Journal of Oceanology and Limnology</i> , 2019, 37, 871-880.	1.3	15
132	Isolation of protein from <i>Chlorella sorokiniana</i> CY1 using liquid biphasic flotation assisted with sonication through sugaring-out effect. <i>Journal of Oceanology and Limnology</i> , 2019, 37, 898-908.	1.3	28
133	Microalgae: A potential alternative to health supplementation for humans. <i>Food Science and Human Wellness</i> , 2019, 8, 16-24.	4.9	538
134	Enhanced microalgal protein extraction and purification using sustainable microwave-assisted multiphase partitioning technique. <i>Chemical Engineering Journal</i> , 2019, 367, 1-8.	12.7	105
135	Microalgal Protein Extraction From <i>Chlorella vulgaris</i> FSP-E Using Triphasic Partitioning Technique With Sonication. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 396.	4.1	48
136	Recovery of Protein from Dairy Milk Waste Product Using Alcohol-Salt Liquid Biphasic Flotation. <i>Processes</i> , 2019, 7, 875.	2.8	22
137	Recent Developments and Applications of Three-Phase Partitioning for the Recovery of Proteins. <i>Separation and Purification Reviews</i> , 2019, 48, 52-64.	5.5	50
138	Biofuels from Microbial Lipids. <i>Green Energy and Technology</i> , 2018, , 359-388.	0.6	7
139	Analysis of Economic and Environmental Aspects of Microalgae Biorefinery for Biofuels Production: A Review. <i>Biotechnology Journal</i> , 2018, 13, 1700618.	3.5	87
140	Densification of food waste compost: Effects of moisture content and dairy powder waste additives on pellet quality. <i>Chemical Engineering Research and Design</i> , 2018, 116, 780-786.	5.6	31
141	Sustainable approaches for algae utilisation in bioenergy production. <i>Renewable Energy</i> , 2018, 129, 838-852.	8.9	241
142	An overview on the development of conventional and alternative extractive methods for the purification of agarose from seaweed. <i>Separation Science and Technology</i> , 2018, 53, 467-480.	2.5	18
143	Sonication and grinding pre-treatments on <i>Gelidium amansii</i> seaweed for the extraction and characterization of Agarose. <i>Frontiers of Environmental Science and Engineering</i> , 2018, 12, 1.	6.0	23
144	Food waste compost as an organic nutrient source for the cultivation of <i>Chlorella vulgaris</i> . <i>Bioresource Technology</i> , 2018, 267, 356-362.	9.6	89

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145	Developments in Fermentative Butanol Production as an Alternative Biofuel Source. Journal of Energy Resources Technology, Transactions of the ASME, 2018, 140, .	2.3	3
146	Effects of water culture medium, cultivation systems and growth modes for microalgae cultivation: A review. Journal of the Taiwan Institute of Chemical Engineers, 2018, 91, 332-344.	5.3	174
147	Microalgae biorefinery: High value products perspectives. Bioresource Technology, 2017, 229, 53-62.	9.6	947
148	Enhanced production of non-edible Xanthium spinosum-based biodiesel using waste biomass under dynamic conditions. Biomass Conversion and Biorefinery, 0, , 1.	4.6	5
149	Characterization of bacteria type strain Bacillus . spp isolated from extracellular polymeric substance harvested in seafood wastewater. Journal of Chemical Technology and Biotechnology, 0, , .	3.2	6