

# Kit Wayne Chew

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Microalgae biorefinery: High value products perspectives. <i>Bioresource Technology</i> , 2017, 229, 53-62.	9.6	947
2	Microalgae: A potential alternative to health supplementation for humans. <i>Food Science and Human Wellness</i> , 2019, 8, 16-24.	4.9	538
3	Waste to bioenergy: a review on the recent conversion technologies. <i>BMC Energy</i> , 2019, 1, .	6.3	285
4	Sustainable approaches for algae utilisation in bioenergy production. <i>Renewable Energy</i> , 2018, 129, 838-852.	8.9	241
5	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
6	Sustainability of the four generations of biofuels – A review. <i>International Journal of Energy Research</i> , 2020, 44, 9266-9282.	4.5	225
7	Potential utilization of bioproducts from microalgae for the quality enhancement of natural products. <i>Bioresource Technology</i> , 2020, 304, 122997.	9.6	224
8	Technologies for Biogas Upgrading to Biomethane: A Review. <i>Bioengineering</i> , 2019, 6, 92.	3.5	218
9	Recent advances in downstream processing of microalgae lipid recovery for biofuel production. <i>Bioresource Technology</i> , 2020, 304, 122996.	9.6	217
10	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
11	Pretreatment methods for lignocellulosic biofuels production: current advances, challenges and future prospects. <i>Biofuel Research Journal</i> , 2020, 7, 1115-1127.	13.3	181
12	Waste biorefinery towards a sustainable circular bioeconomy: a solution to global issues. <i>Biotechnology for Biofuels</i> , 2021, 14, 87.	6.2	176
13	Effects of water culture medium, cultivation systems and growth modes for microalgae cultivation: A review. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2018, 91, 332-344.	5.3	174
14	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
15	Pyrolysis: An effective technique for degradation of COVID-19 medical wastes. <i>Chemosphere</i> , 2021, 275, 130092.	8.2	134
16	Transformation of Biomass Waste into Sustainable Organic Fertilizers. <i>Sustainability</i> , 2019, 11, 2266.	3.2	129
17	Genetic engineering of microalgae for enhanced biorefinery capabilities. <i>Biotechnology Advances</i> , 2020, 43, 107554.	11.7	117
18	Algae biopolymer towards sustainable circular economy. <i>Bioresource Technology</i> , 2021, 325, 124702.	9.6	112

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19	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
20	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
21	Plastic waste associated with the COVID-19 pandemic: Crisis or opportunity?. <i>Journal of Hazardous Materials</i> , 2021, 417, 126108.	12.4	103
22	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
23	Nanomaterials Utilization in Biomass for Biofuel and Bioenergy Production. <i>Energies</i> , 2020, 13, 892.	3.1	97
24	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
25	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
26	Analysis of Economic and Environmental Aspects of Microalgae Biorefinery for Biofuels Production: A Review. <i>Biotechnology Journal</i> , 2018, 13, 1700618.	3.5	87
27	Microalgae for biofuels, wastewater treatment and environmental monitoring. <i>Environmental Chemistry Letters</i> , 2021, 19, 2891-2904.	16.2	87
28	Microalgal-based biochar in wastewater remediation: Its synthesis, characterization and applications. <i>Environmental Research</i> , 2022, 204, 111966.	7.5	86
29	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
30	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
31	Prospects and development of algal-bacterial biotechnology in environmental management and protection. <i>Biotechnology Advances</i> , 2021, 47, 107684.	11.7	83
32	Sustainable utilization of biowaste compost for renewable energy and soil amendments. <i>Environmental Pollution</i> , 2020, 267, 115662.	7.5	75
33	Microalgal-Bacterial Consortia as Future Prospect in Wastewater Bioremediation, <i>Environmental Management and Bioenergy Production</i> . <i>Indian Journal of Microbiology</i> , 2021, 61, 262-269.	2.7	73
34	CO <sub>2</sub> 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
35	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
36	Extraction of natural astaxanthin from <i>Haematococcus pluvialis</i> using liquid biphasic flotation system. <i>Bioresource Technology</i> , 2019, 290, 121794.	9.6	64

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37	Bioformulation of biochar as a potential inoculant carrier for sustainable agriculture. <i>Environmental Technology and Innovation</i> , 2020, 20, 101168.	6.1	64
38	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
39	Resource recovery from industrial effluents through the cultivation of microalgae: A review. <i>Bioresource Technology</i> , 2021, 337, 125461.	9.6	64
40	Liquid biphasic flotation for the purification of C-phycoerythrin from <i>Spirulina platensis</i> microalga. <i>Bioresource Technology</i> , 2019, 288, 121519.	9.6	63
41	Cultivation of Oily Microalgae for the Production of Third-Generation Biofuels. <i>Sustainability</i> , 2019, 11, 5424.	3.2	61
42	Advancement of green technologies: A comprehensive review on the potential application of microalgae biomass. <i>Chemosphere</i> , 2021, 281, 130886.	8.2	61
43	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
44	Perspective of <i>Spirulina</i> culture with wastewater into a sustainable circular bioeconomy. <i>Environmental Pollution</i> , 2021, 284, 117492.	7.5	55
45	Algae utilization and its role in the development of green cities. <i>Chemosphere</i> , 2021, 268, 129322.	8.2	53
46	Permeabilization of <i>Haematococcus pluvialis</i> and solid-liquid extraction of astaxanthin by CO <sub>2</sub> -based alkyl carbamate ionic liquids. <i>Chemical Engineering Journal</i> , 2021, 411, 128510.	12.7	53
47	Organic Carbonate Production Utilizing Crude Glycerol Derived as By-Product of Biodiesel Production: A Review. <i>Energies</i> , 2020, 13, 1483.	3.1	52
48	Liquid Biphasic System: A Recent Bioseparation Technology. <i>Processes</i> , 2020, 8, 149.	2.8	52
49	Reuniting the Biogeochemistry of Algae for a Low-Carbon Circular Bioeconomy. <i>Trends in Plant Science</i> , 2021, 26, 729-740.	8.8	52
50	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
51	How does ionic liquid play a role in sustainability of biomass processing?. <i>Journal of Cleaner Production</i> , 2021, 284, 124772.	9.3	51
52	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
53	Renewable diesel as fossil fuel substitution in Malaysia: A review. <i>Fuel</i> , 2022, 314, 123137.	6.4	49
54	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

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55	Smart microalgae farming with internet-of-things for sustainable agriculture. <i>Biotechnology Advances</i> , 2022, 57, 107931.	11.7	47
56	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
57	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
58	How does the Internet of Things (IoT) help in microalgae biorefinery?. <i>Biotechnology Advances</i> , 2022, 54, 107819.	11.7	45
59	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
60	The conundrum of waste cooking oil: Transforming hazard into energy. <i>Journal of Hazardous Materials</i> , 2021, 417, 126129.	12.4	40
61	Application progress of bioactive compounds in microalgae on pharmaceutical and cosmetics. <i>Chemosphere</i> , 2022, 291, 132932.	8.2	39
62	<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
63	<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
64	The Effects of Biofertilizers on Growth, Soil Fertility, and Nutrients Uptake of Oil Palm ( <i>Elaeis</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382	2.8	37
65	Permeabilization of <i>Chlorella sorokiniana</i> and extraction of lutein by distillable CO <sub>2</sub> -based alkyl carbamate ionic liquids. <i>Separation and Purification Technology</i> , 2021, 256, 117471.	7.9	36
66	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
67	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
68	Algae as potential feedstock for various bioenergy production. <i>Chemosphere</i> , 2022, 287, 131944.	8.2	33
69	Recent advances in the conversion of waste cooking oil into value-added products: A review. <i>Fuel</i> , 2022, 324, 124539.	6.4	33
70	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
71	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
72	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

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73	Can algae contribute to the war with Covid-19?. <i>Bioengineered</i> , 2021, 12, 1226-1237.	3.2	31
74	Sustainable smart photobioreactor for continuous cultivation of microalgae embedded with Internet of Things. <i>Bioresource Technology</i> , 2022, 346, 126558.	9.6	31
75	Microalgae: The Future Supply House of Biohydrogen and Biogas. <i>Frontiers in Energy Research</i> , 2021, 9, .	2.3	30
76	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
77	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
78	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
79	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
80	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
81	Bioprocessing of <i>Chaetoceros calcitrans</i> for the recovery of fucoxanthin using CO <sub>2</sub> -based alkyl carbamate ionic liquids. <i>Bioresource Technology</i> , 2021, 322, 124520.	9.6	28
82	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
83	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
84	Recent advances of biosurfactant for waste and pollution bioremediation: Substitutions of petroleum-based surfactants. <i>Environmental Research</i> , 2022, 212, 113126.	7.5	26
85	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
86	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
87	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
88	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
89	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
90	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

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91	Recovery of Protein from Dairy Milk Waste Product Using Alcohol-Salt Liquid Biphasic Flotation. Processes, 2019, 7, 875.	2.8	22
92	Computational Lock and Key and Dynamic Trajectory Analysis of Natural Biophors Against COVID-19 Spike Protein to Identify Effective Lead Molecules. Molecular Biotechnology, 2021, 63, 898-908.	2.4	21
93	Biorefinery of Chlorella sorokiniana using ultra sonication assisted liquid triphasic flotation system. Bioresource Technology, 2020, 303, 122931.	9.6	20
94	Utilization of agricultural lignocellulosic wastes for biofuels and green diesel production. Chemosphere, 2022, 290, 133246.	8.2	20
95	Hybrid liquid biphasic system for cell disruption and simultaneous lipid extraction from microalgae Chlorella sorokiniana CY-1 for biofuel production. Biotechnology for Biofuels, 2019, 12, 252.	6.2	19
96	An overview on the development of conventional and alternative extractive methods for the purification of agarose from seaweed. Separation Science and Technology, 2018, 53, 467-480.	2.5	18
97	Preparation and characterization of curdlan/nanocellulose blended film and its application to chilled meat preservation. Chemosphere, 2021, 266, 128948.	8.2	18
98	Bioethanol from hydrolysate of ultrasonic processed robust microalgal biomass cultivated in dairy wastewater under optimal strategy. Energy, 2022, 244, 122604.	8.8	18
99	Thermal-Fenton mechanism with sonoprocessing for rapid non-catalytic transesterification of microalgal to biofuel production. Chemical Engineering Journal, 2021, 408, 127264.	12.7	17
100	Biogas production from beverage factory wastewater in a mobile bioenergy station. Chemosphere, 2021, 264, 128564.	8.2	17
101	Optimization and kinetic study of non-catalytic transesterification of palm oil under subcritical condition using microwave technology. Energy Conversion and Management, 2019, 196, 1126-1137.	9.2	16
102	Effective removal of excessive fluoride from aqueous environment using activated pods of Bauhinia variegata: Batch and dynamic analysis. Environmental Pollution, 2021, 272, 115969.	7.5	16
103	An efficient and rapid method to extract and purify protein " Liquid Triphasic Flotation system. Bioresource Technology, 2019, 294, 122158.	9.6	15
104	Extraction of agar from Eucheuma cottonii and Gelidium amansii seaweeds with sonication pretreatment using autoclaving method. Journal of Oceanology and Limnology, 2019, 37, 871-880.	1.3	15
105	Extraction of phenolic compounds from fresh and wilt kesum plant using liquid biphasic flotation. Separation and Purification Technology, 2020, 242, 116831.	7.9	15
106	Characterization of a recombinant laccase from Fusarium oxysporum HUIB02 for biochemical application on dyes removal. Biochemical Engineering Journal, 2021, 168, 107958.	3.6	15
107	Novel strategy in biohydrogen energy production from COVID - 19 plastic waste: A critical review. International Journal of Hydrogen Energy, 2022, 47, 42051-42074.	7.1	15
108	Recovery of microalgae biodiesel using liquid biphasic flotation system. Fuel, 2022, 317, 123368.	6.4	15

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109	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
110	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
111	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
112	Microwave-assisted pyrolysis for carbon catalyst, nanomaterials and biofuel production. <i>Fuel</i> , 2022, 313, 123023.	6.4	14
113	Current advances in recovery and biorefinery of fucoxanthin from <i>Phaeodactylum tricornutum</i> . <i>Algal Research</i> , 2022, 65, 102735.	4.6	13
114	Extraction of fucoxanthin from <i>Chaetoceros calcitrans</i> by electroporation-assisted liquid biphasic flotation system. <i>Journal of Chromatography A</i> , 2022, 1668, 462915.	3.7	12
115	Hydrothermally extraction of saponin from <i>Acanthophyllum glandulosum</i> root " Physico-chemical characteristics and antibacterial activity evaluation. <i>Biotechnology Reports (Amsterdam)</i> , 2022, 10, 101101.	3.4	10
116	Green bioprocessing of protein from <i>Chlorella vulgaris</i> microalgae towards circular bioeconomy. <i>Bioresource Technology</i> , 2021, 333, 125197.	9.6	11
117	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
118	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
119	Factors Affecting the Performance of Membrane Osmotic Processes for Bioenergy Development. <i>Energies</i> , 2020, 13, 481.	3.1	9
120	Optimization of isoflavones extraction from soybeans using full factorial design. <i>Journal of Food Processing and Preservation</i> , 2019, 43, e14078.	2.0	8
121	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
122	Biofuels from Microbial Lipids. <i>Green Energy and Technology</i> , 2018, , 359-388.	0.6	7
123	Application of a Liquid Biphasic Flotation (LBF) System for Protein Extraction from <i>Persicaria Tenella</i> Leaf. <i>Processes</i> , 2020, 8, 247.	2.8	7
124	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
125	Discovery of $\beta$ -Glucosidase Inhibitors from Marine Microorganisms: Optimization of Culture Conditions and Medium Composition. <i>Molecular Biotechnology</i> , 2021, 63, 1004-1015.	2.4	6
126	Characterization of bacteria type strain <i>Bacillus</i> . spp isolated from extracellular polymeric substance harvested in seafood wastewater. <i>Journal of Chemical Technology and Biotechnology</i> , 0, , .	3.2	6



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127	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
128	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
129	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
130	Enhanced production of non-edible <i>Xanthium spinosum</i> -based biodiesel using waste biomass under dynamic conditions. <i>Biomass Conversion and Biorefinery</i> , 0, , 1.	4.6	5
131	Recent Development of Renewable Diesel Production Using Bimetallic Catalysts. <i>Frontiers in Energy Research</i> , 2021, 9, .	2.3	5
132	Utilization of Aerobic Compression Composting Technology on Raw Mushroom Waste for Bioenergy Pellets Production. <i>Processes</i> , 2022, 10, 463.	2.8	5
133	Cell Separation and Disruption, Product Recovery, and Purification. <i>Learning Materials in Biosciences</i> , 2019, , 237-271.	0.4	4
134	Green biorefinery: Microalgae-bacteria microbiome on tolerance investigations in plants. <i>Journal of Biotechnology</i> , 2022, 343, 120-127.	3.8	4
135	Adapting microalgae-based strategies for sustainable green cities. <i>Biotechnology Journal</i> , 2022, 17, e2100586.	3.5	4
136	Sustainable management of algal blooms in ponds and rivers. , 2022, , 431-444.		4
137	Developments in Fermentative Butanol Production as an Alternative Biofuel Source. <i>Journal of Energy Resources Technology, Transactions of the ASME</i> , 2018, 140, .	2.3	3
138	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
139	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
140	Automated Cultivation System for Microalgae: Growth Factors and Control. <i>Current Nutrition and Food Science</i> , 2022, 18, 776-779.	0.6	3
141	Phycocyanin: A Natural Antioxidant to Combat Free Radicals. <i>Current Nutrition and Food Science</i> , 2022, 18, 338-344.	0.6	2
142	Indigenous Materials as Catalyst Supports for Renewable Diesel Production in Malaysia. <i>Energies</i> , 2022, 15, 2835.	3.1	2
143	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
144	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

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145	Biotechnology and sustainable environmental health management. Chemosphere, 2022, 291, 132798.	8.2	1
146	Optimization analysis of hydrogen separation from an H <sub>2</sub> /CO <sub>2</sub> gas mixture via a palladium membrane with a vacuum using response surface methodology. International Journal of Hydrogen Energy, 2022, 47, 42266-42279.	7.1	1
147	Special issue on algae bioprocess engineering. Bioengineered, 2020, 11, 188-188.	3.2	0
148	Safety control of waste cooking oil: transforming hazard into multifarious products with available pre-treatment processes. , 2022, 2, 1-11.		0
149	Special Issue on "New Processes: Working towards a Sustainable Society" Processes, 2022, 10, 869.	2.8	0