

# Navid R Moheimani

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8287163/publications.pdf>

Version: 2024-02-01

132  
papers

5,636  
citations

76196

40  
h-index

91712

69  
g-index

136  
all docs

136  
docs citations

136  
times ranked

4773  
citing authors

#	ARTICLE	IF	CITATIONS
1	Potential use of algae for heavy metal bioremediation, a critical review. <i>Journal of Environmental Management</i> , 2016, 181, 817-831.	3.8	394
2	Sustainable biofuels from algae. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2013, 18, 13-25.	1.0	294
3	Dewatering of microalgal culture for biodiesel production: exploring polymer flocculation and tangential flow filtration. <i>Journal of Chemical Technology and Biotechnology</i> , 2009, 84, 1078-1083.	1.6	227
4	The long-term culture of the coccolithophore <i>Pleurochrysis carterae</i> (Haptophyta) in outdoor raceway ponds. <i>Journal of Applied Phycology</i> , 2006, 18, 703-712.	1.5	220
5	Microalgal growth characteristics and subsequent influence on dewatering efficiency. <i>Chemical Engineering Journal</i> , 2009, 151, 73-78.	6.6	169
6	Extraction and conversion pathways for microalgae to biodiesel: a review focused on energy consumption. <i>Journal of Applied Phycology</i> , 2012, 24, 1681-1698.	1.5	167
7	Growth of microalgae on undiluted anaerobic digestate of piggery effluent with high ammonium concentrations. <i>Algal Research</i> , 2017, 24, 218-226.	2.4	164
8	Inorganic carbon and pH effect on growth and lipid productivity of <i>Tetraselmis suecica</i> and <i>Chlorella</i> sp (Chlorophyta) grown outdoors in bag photobioreactors. <i>Journal of Applied Phycology</i> , 2013, 25, 387-398.	1.5	148
9	Light management technologies for increasing algal photobioreactor efficiency. <i>Algal Research</i> , 2019, 39, 101433.	2.4	139
10	Production of biofuels from microalgae. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2013, 18, 47-72.	1.0	138
11	Limits to productivity of the alga <i>Pleurochrysis carterae</i> (Haptophyta) grown in outdoor raceway ponds. <i>Biotechnology and Bioengineering</i> , 2007, 96, 27-36.	1.7	121
12	Model development for the growth of microalgae: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 97, 233-258.	8.2	111
13	Standard Methods for Measuring Growth of Algae and Their Composition. , 2013, , 265-284.		108
14	Effect of different light spectra on the growth and productivity of acclimated <i>Nannochloropsis</i> sp. ( <i>Eustigmatophyceae</i> ). <i>Algal Research</i> , 2015, 8, 121-127.	2.4	102
15	CO <sub>2</sub> bioremediation by microalgae in photobioreactors: Impacts of biomass and CO <sub>2</sub> concentrations, light, and temperature. <i>Algal Research</i> , 2014, 6, 78-85.	2.4	99
16	Growth comparison of microalgae in tubular photobioreactor and open pond for treating anaerobic digestion piggery effluent. <i>Algal Research</i> , 2016, 17, 268-276.	2.4	95
17	Sustainable saline microalgae co-cultivation for biofuel production: A critical review. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 78, 356-368.	8.2	91
18	A review on microalgal culture to treat anaerobic digestate food waste effluent. <i>Algal Research</i> , 2020, 47, 101841.	2.4	81

#	ARTICLE	IF	CITATIONS
19	Microalgae: A potential sustainable commercial source of sterols. <i>Algal Research</i> , 2020, 46, 101772.	2.4	79
20	Long-term outdoor growth and lipid productivity of <i>Tetraselmis suecica</i> , <i>Dunaliella tertiolecta</i> and <i>Chlorella</i> sp (Chlorophyta) in bag photobioreactors. <i>Journal of Applied Phycology</i> , 2013, 25, 167-176.	1.5	78
21	Open Pond Culture Systems. , 2013, , 133-152.		74
22	Nutritional profile and in vitro digestibility of microalgae grown in anaerobically digested piggery effluent. <i>Algal Research</i> , 2018, 35, 362-369.	2.4	74
23	Biofilm establishment and heavy metal removal capacity of an indigenous mining algal-microbial consortium in a photo-rotating biological contactor. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2012, 39, 1321-1331.	1.4	72
24	Comparison of growth of <i>Tetraselmis</i> in a tubular photobioreactor (Biocoil) and a raceway pond. <i>Journal of Applied Phycology</i> , 2014, 26, 247-255.	1.5	64
25	E-Waste Recycling and Resource Recovery: A Review on Technologies, Barriers and Enablers with a Focus on Oceania. <i>Metals</i> , 2021, 11, 1313.	1.0	64
26	Non-destructive oil extraction from <i>Botryococcus braunii</i> (Chlorophyta). <i>Journal of Applied Phycology</i> , 2013, 25, 1653-1661.	1.5	63
27	Increased CO <sub>2</sub> and the effect of pH on growth and calcification of <i>Pleurochrysis carterae</i> and <i>Emiliana huxleyi</i> (Haptophyta) in semicontinuous cultures. <i>Applied Microbiology and Biotechnology</i> , 2011, 90, 1399-1407.	1.7	62
28	Sustainable solar energy conversion to chemical and electrical energy. <i>Renewable and Sustainable Energy Reviews</i> , 2013, 27, 494-504.	8.2	61
29	<i>Tetraselmis suecica</i> culture for CO <sub>2</sub> bioremediation of untreated flue gas from a coal-fired power station. <i>Journal of Applied Phycology</i> , 2016, 28, 2139-2146.	1.5	60
30	Halo-adapted microalgae for fucoxanthin production: Effect of incremental increase in salinity. <i>Algal Research</i> , 2017, 28, 66-73.	2.4	60
31	The effect of gradual increase in salinity on the biomass productivity and biochemical composition of several marine, halotolerant, and halophilic microalgae. <i>Journal of Applied Phycology</i> , 2018, 30, 1453-1464.	1.5	60
32	Bioremediation and other potential applications of coccolithophorid algae: A review. <i>Algal Research</i> , 2012, 1, 120-133.	2.4	58
33	Non-destructive hydrocarbon extraction from <i>Botryococcus braunii</i> BOT-22 (race B). <i>Journal of Applied Phycology</i> , 2014, 26, 1453-1463.	1.5	53
34	Efficient conversion of solar energy to biomass and electricity. <i>Aquatic Biosystems</i> , 2014, 10, 4.	1.8	53
35	Microalgal biomass for bioethanol fermentation: Implications for hypersaline systems with an industrial focus. <i>Biomass and Bioenergy</i> , 2012, 46, 79-88.	2.9	52
36	Bioprocess engineering of microalgae to optimize lipid production through nutrient management. <i>Journal of Applied Phycology</i> , 2016, 28, 3235-3250.	1.5	52

#	ARTICLE	IF	CITATIONS
37	Pathways of processing of wet microalgae for liquid fuel production: A critical review. <i>Renewable and Sustainable Energy Reviews</i> , 2015, 52, 1240-1250.	8.2	51
38	Identifying locations for large-scale microalgae cultivation in Western Australia: A GIS approach. <i>Applied Energy</i> , 2015, 149, 379-391.	5.1	50
39	Treating anaerobically digested piggery effluent (ADPE) using microalgae in thin layer reactor and raceway pond. <i>Journal of Applied Phycology</i> , 2019, 31, 2311-2319.	1.5	50
40	Techno-economic assessment of CO <sub>2</sub> bio-fixation using microalgae in connection with three different state-of-the-art power plants. <i>Computers and Chemical Engineering</i> , 2016, 84, 290-301.	2.0	47
41	Screening, acclimation and ammonia tolerance of microalgae grown in food waste digestate. <i>Journal of Applied Phycology</i> , 2020, 32, 3775-3785.	1.5	44
42	Luminescent solar concentrator panels for increasing the efficiency of mass microalgal production. <i>Renewable and Sustainable Energy Reviews</i> , 2019, 101, 47-59.	8.2	42
43	Coccolithophorid algae culture in closed photobioreactors. <i>Biotechnology and Bioengineering</i> , 2011, 108, 2078-2087.	1.7	38
44	<i>Chlorella</i> sp. growth under batch and fed-batch conditions with effluent recycling when treating the effluent of food waste anaerobic digestate. <i>Journal of Applied Phycology</i> , 2019, 31, 3545-3556.	1.5	38
45	Pilot-scale self-cooling microalgal closed photobioreactor for biomass production and electricity generation. <i>Algal Research</i> , 2020, 45, 101731.	2.4	37
46	Red and blue luminescent solar concentrators for increasing <i>Arthrospira platensis</i> biomass and phycocyanin productivity in outdoor raceway ponds. <i>Bioresource Technology</i> , 2019, 291, 121801.	4.8	35
47	Microalgae cultivation for the treatment of anaerobically digested municipal centrate (ADMC) and anaerobically digested abattoir effluent (ADAE). <i>Science of the Total Environment</i> , 2021, 775, 145853.	3.9	35
48	Repetitive non-destructive milking of hydrocarbons from <i>Botryococcus braunii</i> . <i>Renewable and Sustainable Energy Reviews</i> , 2017, 79, 1229-1240.	8.2	33
49	Macroalgae culture to treat anaerobic digestion piggery effluent (ADPE). <i>Bioresource Technology</i> , 2017, 227, 15-23.	4.8	32
50	Photosynthetic performance of two <i>Nannochloropsis</i> spp. under different filtered light spectra. <i>Algal Research</i> , 2016, 19, 168-177.	2.4	31
51	Techno-economic analysis of milking of <i>Botryococcus braunii</i> for renewable hydrocarbon production. <i>Algal Research</i> , 2018, 31, 194-203.	2.4	30
52	Potential of metals leaching from printed circuit boards with biological and chemical lixivants. <i>Hydrometallurgy</i> , 2020, 196, 105433.	1.8	29
53	Effect of CO <sub>2</sub> addition on treating anaerobically digested abattoir effluent (ADAE) using <i>Chlorella</i> sp. ( <i>Trebouxiophyceae</i> ). <i>Journal of CO<sub>2</sub> Utilization</i> , 2020, 38, 273-281.	3.3	29
54	Effects of different light spectra on the growth, productivity and photosynthesis of two acclimated strains of <i>Nannochloropsis</i> sp.. <i>Journal of Applied Phycology</i> , 2017, 29, 1765-1774.	1.5	27

#	ARTICLE	IF	CITATIONS
55	Co-cultivation and stepwise cultivation of <i>Chaetoceros muelleri</i> and <i>Amphora</i> sp. for fucoxanthin production under gradual salinity increase. <i>Journal of Applied Phycology</i> , 2019, 31, 1535-1544.	1.5	27
56	Membrane fouling control for sustainable microalgal biodiesel production: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2022, 161, 112335.	8.2	27
57	Microalgae and Phototrophic Purple Bacteria for Nutrient Recovery From Agri-Industrial Effluents: Influences on Plant Growth, Rhizosphere Bacteria, and Putative Carbon- and Nitrogen-Cycling Genes. <i>Frontiers in Plant Science</i> , 2019, 10, 1193.	1.7	26
58	Sustainable phycocyanin production from <i>Arthrospira platensis</i> using solar-control thin film coated photobioreactor. <i>Biochemical Engineering Journal</i> , 2019, 141, 232-238.	1.8	26
59	Marine health of the Arabian Gulf: Drivers of pollution and assessment approaches focusing on desalination activities. <i>Marine Pollution Bulletin</i> , 2021, 164, 112085.	2.3	26
60	Recent advancement on hydrogen production from macroalgae via supercritical water gasification. <i>Bioresource Technology Reports</i> , 2021, 16, 100844.	1.5	26
61	Stepwise culture approach optimizes the biomass productivity of microalgae cultivated using an incremental salinity increase strategy. <i>Biomass and Bioenergy</i> , 2019, 127, 105274.	2.9	24
62	Co-sensitization of natural and low-cost dyes for efficient panchromatic light-harvesting using dye-sensitized solar cells. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2021, 417, 113345.	2.0	24
63	Growth and photosynthetic activity of <i>Botryococcus braunii</i> biofilms. <i>Journal of Applied Phycology</i> , 2017, 29, 1123-1134.	1.5	23
64	Aquaponics: Alternative Types and Approaches. , 2019, , 301-330.		23
65	Biomass production of marine microalga <i>Tetraselmis suecica</i> using biogas and wastewater as nutrients. <i>Biomass and Bioenergy</i> , 2021, 145, 105945.	2.9	22
66	Viability of combining microalgae and macroalgae cultures for treating anaerobically digested piggery effluent. <i>Journal of Environmental Sciences</i> , 2019, 82, 132-144.	3.2	21
67	Monochromatic light filters to enhance biomass and carotenoid productivities of <i>Dunaliella salina</i> in raceway ponds. <i>Bioresource Technology</i> , 2021, 340, 125689.	4.8	21
68	Batch cultivation of microalgae in anaerobic digestate exhibits functional changes in bacterial communities impacting nitrogen removal and wastewater treatment. <i>Algal Research</i> , 2021, 57, 102338.	2.4	20
69	Red luminescent solar concentrators to enhance <i>Scenedesmus</i> sp. biomass productivity. <i>Algal Research</i> , 2020, 45, 101771.	2.4	20
70	Comparison of continuous and day time only mixing on <i>Tetraselmis suecica</i> (Chlorophyta) in outdoor raceway ponds. <i>Journal of Applied Phycology</i> , 2015, 27, 1783-1791.	1.5	19
71	Continuous non-destructive hydrocarbon extraction from <i>Botryococcus braunii</i> BOT-22. <i>Algal Research</i> , 2019, 41, 101537.	2.4	19
72	Can CO <sub>2</sub> addition improve the tertiary treatment of anaerobically digested abattoir effluent (ADAE) by <i>Scenedesmus</i> sp. (Chlorophyta)?. <i>Algal Research</i> , 2021, 58, 102379.	2.4	19

#	ARTICLE	IF	CITATIONS
73	Microalgal dewatering with focus on filtration and antifouling strategies: A review. <i>Algal Research</i> , 2022, 61, 102588.	2.4	19
74	Sustainable cultivation of microalgae by an insulated glazed glass plate photobioreactor. <i>Biotechnology Journal</i> , 2016, 11, 363-374.	1.8	18
75	Effect of continuous and daytime mixing on <i>Nannochloropsis</i> growth in raceway ponds. <i>Algal Research</i> , 2018, 33, 190-196.	2.4	18
76	Outdoor phycocyanin production in a standalone thermally-insulated photobioreactor. <i>Bioresource Technology</i> , 2020, 315, 123865.	4.8	18
77	Effect of organic carbon source and nutrient depletion on the simultaneous production of a high value bioplastic and a specialty pigment by <i>Arthrospira platensis</i> . <i>Algal Research</i> , 2020, 47, 101844.	2.4	18
78	Algal Cultivation for Treating Wastewater in African Developing Countries: A Review. <i>Clean - Soil, Air, Water</i> , 2020, 48, 2000052.	0.7	18
79	Temperature and salinity effects on growth and fatty acid composition of a halophilic diatom, <i>Amphora</i> sp. MUR258 ( <i>Bacillariophyceae</i> ). <i>Journal of Applied Phycology</i> , 2020, 32, 977-987.	1.5	18
80	Energy efficiency analysis of outdoor standalone photovoltaic-powered photobioreactors coproducing lipid-rich algal biomass and electricity. <i>Applied Energy</i> , 2020, 275, 115403.	5.1	17
81	Anaerobic digestate abattoir effluent (ADAE), a suitable source of nutrients for <i>Arthrospira platensis</i> cultivation. <i>Algal Research</i> , 2021, 54, 102216.	2.4	17
82	Effects of temperature and salinity on larval survival and development of the western school prawn <i>Metapenaeus dalli</i> . <i>International Aquatic Research</i> , 2017, 9, 1-10.	1.5	16
83	Non-destructive extraction of lipids from <i>Botryococcus braunii</i> and its potential to reduce pond area and nutrient costs. <i>Algal Research</i> , 2020, 47, 101833.	2.4	16
84	Can solar control infrared blocking films be used to replace evaporative cooling for growth of <i>Nannochloropsis</i> sp. in plate photobioreactors?. <i>Algal Research</i> , 2019, 39, 101441.	2.4	15
85	Reporting of methods for automated devices: A systematic review and recommendation for studies using <i>FlowCam</i> for phytoplankton. <i>Limnology and Oceanography: Methods</i> , 2022, 20, 400-427.	1.0	15
86	Current research and perspectives of microalgal biofuels in Australia. <i>Biofuels</i> , 2012, 3, 427-439.	1.4	14
87	Life cycle analysis of milking of microalgae for renewable hydrocarbon production. <i>Computers and Chemical Engineering</i> , 2019, 121, 510-522.	2.0	13
88	Superstructure optimization and energetic feasibility analysis of process of repetitive extraction of hydrocarbons from <i>Botryococcus braunii</i> – a species of microalgae. <i>Computers and Chemical Engineering</i> , 2017, 97, 36-46.	2.0	12
89	Long-term reliable culture of a halophilic diatom, <i>Amphora</i> sp. MUR258, in outdoor raceway ponds. <i>Journal of Applied Phycology</i> , 2019, 31, 2771-2778.	1.5	12
90	A Comparison of Methods for the Characterisation of Waste-Printed Circuit Boards. <i>Metals</i> , 2021, 11, 1935.	1.0	12

#	ARTICLE	IF	CITATIONS
91	Techno-economic modelling of high-value metabolites and secondary products from microalgae cultivated in closed photobioreactors with supplementary lighting. <i>Algal Research</i> , 2022, 65, 102733.	2.4	11
92	Quantitative determination of ovarian development in penaeid prawns (Decapoda: Penaeidae). <i>Journal of Crustacean Biology</i> , 2017, 37, 81-89.	0.3	10
93	The Influence of Micro Algae on Corrosion of Steel in Fly Ash Geopolymer Concrete: A Preliminary Study. <i>Advanced Materials Research</i> , 0, 626, 861-866.	0.3	9
94	Sustainable conversion of light to algal biomass and electricity: A net energy return analysis. <i>Energy</i> , 2017, 131, 218-229.	4.5	9
95	Comparison between jet and paddlewheel mixing for the cultivation of microalgae in anaerobic digestate of piggy effluent (ADPE). <i>Algal Research</i> , 2018, 35, 274-282.	2.4	9
96	Repetitive extraction of botryococcene from <i>Botryococcus braunii</i> : a study of the effects of different solvents and operating conditions. <i>Journal of Applied Phycology</i> , 2019, 31, 3491-3501.	1.5	9
97	Can luminescent solar concentrators increase microalgal growth on anaerobically digested food effluent?. <i>Journal of Applied Phycology</i> , 2020, 32, 3703-3710.	1.5	9
98	Adjustments of the photosynthetic unit and compensation mechanisms of tolerance to high ammonia concentration in <i>Chlorella</i> sp. grown in food waste digestate. <i>Algal Research</i> , 2020, 52, 102106.	2.4	9
99	Evaluation of electrocoagulation, flocculation, and sedimentation harvesting methods on microalgae consortium grown in anaerobically digested abattoir effluent. <i>Journal of Applied Phycology</i> , 2021, 33, 1631-1642.	1.5	9
100	Marine microbial bioprospecting: Exploitation of marine biodiversity towards biotechnological applications—a review. <i>Journal of Basic Microbiology</i> , 2022, 62, 1030-1043.	1.8	9
101	Potentials of Exploiting Heterotrophic Metabolism for Biodiesel Oil Production by Microalgae. <i>Biofuel and Biorefinery Technologies</i> , 2015, , 45-61.	0.1	8
102	How harvesting frequency influence the biomass and lipid productivities of <i>Nannochloropsis</i> sp.. <i>Algal Research</i> , 2021, 53, 102074.	2.4	8
103	Depth optimization of inclined thin layer photobioreactor for efficient microalgae cultivation in high turbidity digestate. <i>Algal Research</i> , 2021, 60, 102509.	2.4	8
104	Larval development of the western school prawn <i>Metapenaeus dalli</i> Racek, 1957 (Crustacea: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.2	7
105	Modeling the Effect of Temperature on Microalgal Growth under Outdoor Conditions. <i>Computer Aided Chemical Engineering</i> , 2018, , 55-60.	0.3	7
106	Light spectral effect on a consortium of filamentous green algae grown on anaerobic digestate piggy effluent (ADPE). <i>Algal Research</i> , 2020, 46, 101723.	2.4	7
107	Proposal of a New Pathway for Microalgal Oil Production and its Comparison with Conventional Method. <i>Computer Aided Chemical Engineering</i> , 2015, , 377-382.	0.3	7
108	Microalgae-based circular economy approach to upcycle fire extinguisher powder waste. <i>Resources, Conservation and Recycling</i> , 2022, 180, 106210.	5.3	7

#	ARTICLE	IF	CITATIONS
109	Comparison between continuous and daytime mixing for the treatment of raw anaerobically digested abattoir effluent (ADAE) and microalgae production in open raceway ponds. <i>Bioresource Technology Reports</i> , 2022, 17, 100981.	1.5	7
110	Potential of Milking of Microalgae Grown on Biofilm Photobioreactor for Renewable Hydrocarbon Production. <i>Computer Aided Chemical Engineering</i> , 2017, 40, 2497-2502.	0.3	6
111	Application of poly(2-hydroxyethyl methacrylate) hydrogel disks for the immobilization of three different microalgal species. <i>Journal of Chemical Technology and Biotechnology</i> , 2018, 93, 2887-2897.	1.6	6
112	Techno-economic study of multi-product resource scenarios for <i>Pleurochrysis carterae</i> grown in open ponds in Western Australia. <i>Algal Research</i> , 2019, 39, 101456.	2.4	6
113	Effective nutrient removal and metabolite accumulation by <i>C. vulgaris</i> cultivated using digested food waste and brine. <i>Environmental Technology and Innovation</i> , 2021, 24, 101935.	3.0	6
114	Effect of medium recycling, culture depth, and mixing duration on <i>D. salina</i> growth. <i>Algal Research</i> , 2021, 60, 102495.	2.4	6
115	Developments of five selected microalgae companies developing 'closed' bioreactor biofuel production systems. <i>International Journal of Innovation and Sustainable Development</i> , 2013, 7, 367.	0.3	5
116	Performance of Mixed Species and Mono-specific Algal Diets for Culture of Larval Western School Prawns, <i>Metapenaeus dalli</i> . <i>Journal of the World Aquaculture Society</i> , 2018, 49, 845-856.	1.2	5
117	Geochemistry of large benthic foraminifera <i>Amphisorus hemprichii</i> as a high-resolution proxy for lead pollution in coastal environments. <i>Marine Pollution Bulletin</i> , 2021, 162, 111918.	2.3	5
118	CO <sub>2</sub> Environmental Bioremediation by Microalgae. <i>Biofuel and Biorefinery Technologies</i> , 2015, , 117-136.	0.1	4
119	Harvesting and Dewatering of High-Productivity Bulk Microalgae Systems. , 2016, , 253-266.		4
120	Does growing <i>Nannochloropsis</i> sp. in innovative flat plate photobioreactors result in changes to fatty acid and protein composition?. <i>Journal of Applied Phycology</i> , 2020, 32, 3619-3629.	1.5	4
121	Food waste digestate as a source of nitrogen for the cultivation of <i>Dunaliella salina</i> : influence on growth and carotenogenesis under hyper osmotic stress. <i>Journal of Applied Phycology</i> , 2022, 34, 101-112.	1.5	4
122	Utilisation of Seaweeds in the Australian Market – Commercialisation Strategies: Current Trends and Future Prospects. , 2022, , 265-294.		4
123	Carotenoid production of <i>Botryococcus braunii</i> CCAP 807/2 under different growth conditions. <i>Journal of Applied Phycology</i> , 2022, 34, 1177-1188.	1.5	4
124	Selection of an Energetically More Feasible Route for Hydrocarbon Extraction from Microalgae – Milking of <i>B. braunii</i> as a Case Study. <i>Computer Aided Chemical Engineering</i> , 2016, 38, 1545-1550.	0.3	3
125	Shear Tolerance and Lipid Content of <i>Botryococcus braunii</i> During and Post Non-Destructive Solvent Extraction. <i>Computer Aided Chemical Engineering</i> , 2018, 44, 1735-1740.	0.3	3
126	Improving pH control and carbon dioxide utilisation efficiency in microalgae cultivation systems with the use of a Proportional-integral + dead-zone control strategy. <i>Bioresource Technology Reports</i> , 2022, 17, 100917.	1.5	2



#	ARTICLE	IF	CITATIONS
127	The third-generation biodiesel blends corrosion susceptibility of oxide particle-reinforced Si-rich aluminum alloy matrix composites. <i>Corrosion Reviews</i> , 2022, 40, 475-490.	1.0	2
128	A model for the effect of light on the growth of microalgae in outdoor condition. <i>Computer Aided Chemical Engineering</i> , 2017, , 2737-2742.	0.3	1
129	Transferability of Australian diatoms to clothing: Assessment of several extraction methods on different fabric types under laboratory conditions. <i>Forensic Science International</i> , 2020, 312, 110297.	1.3	1
130	Biofuels-related materials deterioration in biorefineries, transportation and internal combustion engines: a technical review. <i>Corrosion Engineering Science and Technology</i> , 2022, 57, 178-194.	0.7	1
131	Temperature regulation schemes for improving biomass productivity and nutrient removal rate in outdoor raceway ponds. <i>Bioresource Technology Reports</i> , 2022, 19, 101147.	1.5	1
132	Potential of Converting Solar Energy to Electricity and Chemical Energy. <i>Biofuel and Biorefinery Technologies</i> , 2015, , 311-329.	0.1	0