

# Wai Yan Cheah

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9945586/publications.pdf>

Version: 2024-02-01

14  
papers

1,622  
citations

623734

14  
h-index

1058476

14  
g-index

15  
all docs

15  
docs citations

15  
times ranked

2100  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biosequestration of atmospheric CO <sub>2</sub> and flue gas-containing CO <sub>2</sub> by microalgae. <i>Bioresource Technology</i> , 2015, 184, 190-201.	9.6	417
2	Pretreatment methods for lignocellulosic biofuels production: current advances, challenges and future prospects. <i>Biofuel Research Journal</i> , 2020, 7, 1115-1127.	13.3	181
3	Biorefineries of carbon dioxide: From carbon capture and storage (CCS) to bioenergies production. <i>Bioresource Technology</i> , 2016, 215, 346-356.	9.6	162
4	Cultivation in wastewaters for energy: A microalgae platform. <i>Applied Energy</i> , 2016, 179, 609-625.	10.1	156
5	Antibacterial activity of quaternized chitosan modified nanofiber membrane. <i>International Journal of Biological Macromolecules</i> , 2019, 126, 569-577.	7.5	125
6	Progress in waste valorization using advanced pyrolysis techniques for hydrogen and gaseous fuel production. <i>Bioresource Technology</i> , 2021, 320, 124299.	9.6	104
7	Microalgal-based biochar in wastewater remediation: Its synthesis, characterization and applications. <i>Environmental Research</i> , 2022, 204, 111966.	7.5	86
8	Enhancing biomass and lipid productions of microalgae in palm oil mill effluent using carbon and nutrient supplementation. <i>Energy Conversion and Management</i> , 2018, 164, 188-197.	9.2	82
9	Microalgae cultivation in palm oil mill effluent (POME) for lipid production and pollutants removal. <i>Energy Conversion and Management</i> , 2018, 174, 430-438.	9.2	73
10	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
11	Enhancing microalga <i>Chlorella sorokiniana</i> CY-1 biomass and lipid production in palm oil mill effluent (POME) using novel-designed photobioreactor. <i>Bioengineered</i> , 2020, 11, 61-69.	3.2	61
12	Using an innovative pH-stat CO <sub>2</sub> feeding strategy to enhance cell growth and C-phycoerythrin production from <i>Spirulina platensis</i> . <i>Biochemical Engineering Journal</i> , 2016, 112, 78-85.	3.6	45
13	Waste to energy: the effects of <i>Pseudomonas</i> sp. on <i>Chlorella sorokiniana</i> biomass and lipid productions in palm oil mill effluent. <i>Clean Technologies and Environmental Policy</i> , 2018, 20, 2037-2045.	4.1	39
14	Eicosapentaenoic acid production from <i>Nannochloropsis oceanica</i> CY2 using deep sea water in outdoor plastic-bag type photobioreactors. <i>Bioresource Technology</i> , 2018, 253, 1-7.	9.6	25