

DR. MOHD ASYRAF KASSIM

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CITATION INDICES



TEACHING EXPERIENCE



RESEARCH & PUBLICATIONS

COMPLETED GRANTS	2	JOURNALS (ISI/SCOPUS)	24
ONGOING GRANTS	2	CHAPTER IN BOOKS	9

- Tan Kean Meng, Rozi Nuraika Ramli, Japareng Lalung, Lee Chee Keong, Mohd Asyraf Kassim (2022). High carbohydrate polymer biosynthesis and CO₂ biofixation by indigenous acidophilic *Coccomyxa dispar* under elevated condition system. *Agriculture and Natural Resources*. 56 (2).
- Jenny Fabiola Lopez-Hernandez, Tan Kean Meng, Gloria Asencio-Alcudia, Mohd Asyraf Kassim, Carlos Alfonso Alvarez-Gonzalez, Facundo Joaquín Marquez-Rocha (2022). Sustainable microalgae and cyanobacteria biotechnology. *Applied Science*. 12 (6887): 1-22.
- Mohd Asyraf Kassim, Siti Hawa Ramli, Tan Kean Meng (2021) Analysis of microalgal growth kinetic model and carbohydrate biosynthesis cultivated using agro-industrial waste residuals as carbon source. *Preparative biochemistry and Biotechnology*. 5(52). 514-524
- Mohd Asyraf Kassim, Tan Kean Meng. (2017). Carbon dioxide (CO₂) biofixation by microalgae and its potential for biorefinery and biofuel production. *Science of the Total Environment*. 584-585. 1121-1129.

TEACHING & SUPERVISION

TEACHING:

- Industrial microbiology, Renewable biomass, Issue in bioprocess, DNA metabolite Technology, Practical in bioreactor

RESEARCH:

- Bioconversion of renewable biomass to fine chemicals and biofuel, Fermentation technology, Industrial microbiology, Microalgae bioprocess technology, Biological CO₂ biosequestration



2



3

Other based on your own expertise or experience (like SDG)

RECOGNITION & AWARDS

- ❖ Anugerah Hadiah Sanjungan (2018): Awarded by Universiti Sains Malaysia for outstanding publications
- ❖ Anugerah Sanggar Sanjung (2015): Awarded by Universiti Sains Malaysia for outstanding publications.
- ❖ Judges for Poster Presenter at International Applied Biology Conference 2022
- ❖ Faculty Development Program-Biocon Academy 2019

SERVICE TO UNIVERSITY

- ✓ Committee member for MSM Fellowship 2022,
- ✓ Committee Jawatankuasa Pengesahan Data (JKPD) PPTI 2022
- ✓ Committee member of Pemasaran, Promosi and Penjenamaan PPTI
- ✓ Committee, FriOBreak TI
- ✓ Committee for PPTI OBE dan Accreditation
- ✓ Volunteer for Science Carnival 2018
- ✓ Volunteer, National Science Challenge 2016

ACADEMIC PROFESSIONAL SERVICE

EDITORIAL BOARD	2
JOURNAL REVIEWER	80
KEYNOTE SPEAKER	2
PROFESSIONAL MEMBERSHIP	3

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