# Phoebe Mae L Ching

List of Publications by Year
in descending order

| 12 | 161 | 5 | 7 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 12 | 12 | 12 | 130 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | ARTICLE | IF | CITATIONS |
|---|---------|----|-----------|
| 1 | Development of a wide-range soft sensor for predicting wastewater BOD5 using an eXtreme gradient boosting (XGBoost) machine. Environmental Research, 2022, 210, 112953. | 7.5 | 29 |
| 2 | Early prediction of Spirulina platensis biomass yield for biofuel production using machine learning. Clean Technologies and Environmental Policy, 2022, 24, 2283-2293. | 4.1 | 6 |
| 3 | Predicting Drying Curves in Algal Biorefineries using Gaussian Process Autoregressive Models. Digital Chemical Engineering, 2022, 4, 100036. | 2.2 | 2 |
| 4 | AI Methods for Modeling the Vacuum Drying Characteristics of Chlorococcum infusionum for Algal Biofuel Production. Process Integration and Optimization for Sustainability, 2021, 5, 247-256. | 2.6 | 12 |
| 5 | Advances in soft sensors for wastewater treatment plants: A systematic review. Journal of Water Process Engineering, 2021, 44, 102367. | 5.6 | 31 |
| 6 | Biofuel from Microalgae: Sustainable Pathways. Sustainability, 2020, 12, 8009. | 3.2 | 49 |
| 7 | An Assessment of FIFO and LIFO Policies for Perishable Inventory Systems Using the System Dynamics Approach. , 2019, , . | | 3 |
| 8 | A Dynamic Sustainability Assessment of Algal Biorefineries for Biofuel Production. , 2019, , . | | 7 |
| 9 | Optimal Synthesis of Algal Biorefineries for Biofuel Production Based on Techno-Economic and Environmental Efficiency. , 2019, , . | | 6 |
| 10 | Categorizing License Plates Using Convolutional Neural Network with Residual Learning. , 2019, , . | | 4 |
| 11 | Spherical Mobile Robot for Monitoring and Tracking Children Indoors. , 2019, , . | | 3 |
| 12 | Assessment of the Quality and Sustainability Implications of FIFO and LIFO Inventory Policies through System Dynamics. Advances in Science, Technology and Engineering Systems, 2019, 4, 69-81. | 0.5 | 9 |