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LIST OF PUBLICATIONS

| No | Description | Category | Impact factor | Quartile |
|----|--|---|---------------|----------|
| 1 | Sandani, W.P., Premaratne, M., Ariyadasa, T.U., Premachandra, J.K. (2022), Novel strategy for microalgae cell disruption and wet lipid extraction by employing electro-Fenton process with sacrificial steel anode, <i>Bioresource Technology</i> , 343, 126110. (doi: 10.1016/j.biortech.2021.126110) | Indexed Journal SCIE, Scopus | 11.889 | Q1 |
| 2 | Sandani, W.P., Nishshanka, G.K.S.H., Premaratne, R.G.M.M., Wijayasekera, S.C.N., Ariyadasa, T.U. and Premachandra, J.K. (2020). Comparative assessment of pretreatment strategies for production of microalgae-based biodiesel from locally isolated <i>Chlorella homosphaera</i> . <i>Journal of Bioscience and Bioengineering</i> , 130(3), pp.295–305 (doi: 10.1016/j.jbiosc.2020.03.004) | Indexed Journal SCIE, Scopus | 3.185 | Q2 |
| 3 | Sandani, W.P., Premaratne, R.G.M.M., Ariyadasa, T.U. and Premachandra, J.K. (2020). Response Surface Methodology for Optimization of Cathode Surface Area and Inter-Electrode Gap in Electro-Generation of H ₂ O ₂ . <i>IEEE 17th India Council International Conference (INDICON)</i> (doi: 10.1109/INDICON49873.2020.9342367) | Refereed Conference Scopus indexed | | |
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Investigation of the effect of different pretreatment methods on biodiesel quality and lipid yield of microalgae species isolated from Sri Lanka. 9th International Conference on Sustainable Built Environment, ICSBE2018-25
