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Publications

Journal

Sofia Chaudry, Parisa A. Bahri, and Navid R. Moheimani, 'Superstructure Optimization and Energetic Feasibility Analysis of Process of Repetitive Extraction of Hydrocarbons from *Botryococcus Braunii* – a Species of Microalgae', *Computers & Chemical Engineering*, 97 (2017), 36-46.

Sofia Chaudry, Parisa A. Bahri, and Navid R. Moheimani, 'Pathways of Processing of Wet Microalgae for Liquid Fuel Production: A Critical Review', *Renewable and Sustainable Energy Reviews*, 52 (2015), 1240-50.

Book Chapters

Sofia Chaudry, Parisa A. Bahri, and Navid R. Moheimani, 'Potential of Milking of Microalgae Grown on Biofilm Photobioreactor for Renewable Hydrocarbon Production ', in *Computer Aided Chemical Engineering*, vol. 40, ed. by Antonio Espuña (Elsevier, 2017), pp. 2497-2502

Sofia Chaudry, Parisa A. Bahri, and Navid R. Moheimani, 'Selection of an Energetically More Feasible Route for Hydrocarbon Extraction from Microalgae – Milking of *B. Braunii* as a Case Study', in *Computer Aided Chemical Engineering*, vol. 38, ed. by Kravanja Zdravko and Bogataj Miloš (Elsevier, 2016), pp. 1545-50.

Sofia Chaudry, Parisa A. Bahri, and Navid R. Moheimani, 'Proposal of a New Pathway for Microalgal Oil Production and Its Comparison with Conventional Method', in *Computer Aided Chemical Engineering*, vol. 37, ed. by Jakob K. Huusom Krist V. Gernaey and Gani Rafiqul (Elsevier, 2015), pp. 377-82.