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Authors: Junaid Haider, Muhammad Abdul Qyyum, Arif Hussain, Muhammad Yasin, Moonyong Lee



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Techno-economic analysis of various process schemes for the production of fuel grade 2,3–butanediol from fermentation broth

Junaid Haider^a, Muhammad Abdul Qyyum^a, Arif Hussain^a, Muhammad Yasin^b, and Moonyong Lee^{a, *}

^a *School of Chemical Engineering, Yeungnam University, Gyeongsan 712-749, Rep. of Korea.*

^b *Department of Chemical Engineering, COMSATS Institute of Information Technology (CIIT), Lahore, Pakistan.*

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*Correspondence concerning this article should be addressed to:

Prof. Moonyong Lee

Email: mynlee@yu.ac.kr

Telephone: +82-53-810-2512

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