

Institute of Chemical Engineering

Adres artykułu: <https://iich.gliwice.pl/en/article/capability-analysis-of-air-purification-from-xylene-in-bioreactors>

Capability analysis of air purification from xylene in bioreactors

Publication date:	30.12.2013
Publication title:	Capability analysis of air purification from xylene in bioreactors
Authors:	Mieczysław Jaroszyński , Grażyna Bartelmus , Anna Szczotka , Rafał Sarzyński , Hanna Kolarczyk
Journal information:	Prace Naukowe Instytutu Inżynierii Chemicznej Polskiej Akademii Nauk

Abstract: Critical review of literature data concerning problem of xylenes removal from air by means of fixed bed bioreactor is presented. The influence of some important parameters (inlet pollutant load, residence time, liquid mass flow rate, presence of another pollutant, mineral medium composition) on elimination capacity (EC) or removal efficiency (RE) is described. For discussed literature studies operational parameters, bioreactor configuration and construction, type of packing material and type of microorganisms employed are provided.

Attachments:

[Zeszyt-17-2013](#) pdf, 6.23 MB

Created at:	04.08.2025
Published by:	Artur Wojdyła
Published at:	04.08.2025 11:44
Number of downloads:	167

Metryczka

Published by:	Artur Wojdyła
Published at:	18.09.2025 14:56
Number of views:	123