

Institute of Chemical Engineering

Adres artykułu: <https://iich.gliwice.pl/en/article/methods-of-air-purification-intensification-in-the-trickle-bed-bioreactor>

Methods of air purification intensification in the trickle-bed bioreactor

Publication date:	28.12.2017
Publication title:	Methods of air purification intensification in the trickle-bed bioreactor
Authors:	Grażyna Bartelmus , Rafał Sarzyński , Hanna Kolarczyk , Agnieszka Gąszczak
Journal information:	Prace Naukowe Instytutu Inżynierii Chemicznej Polskiej Akademii Nauk
Tags:	trickle-bed bioreactor , vocs , air purification

Abstract: The review of the latest literature data related to the biodegradation of volatile organic compounds and the removal of odors in trickle-bed bioreactors were performed. The basic parameters that affect the course of the process and determine the effective and stable operation of the installation were pointed out. Technological solutions to improve the efficiency of the bio-purification process, especially in relation to the hydrophobic substances polluting the air, were presented.

Attachments:

[Zeszyt-21-2017](#) pdf, 3.74 MB

Created at:	04.08.2025
Published by:	Artur Wojdyła
Published at:	05.08.2025 10:09
Number of downloads:	118

Tagi: trickle-bed bioreactor, vocs, air purification

Metryczka

Published by:	Artur Wojdyła
Published at:	18.09.2025 12:24
Number of views:	138