

Institute of Chemical Engineering

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Absorption of carbon dioxide in column sprayed with ionic liquid. Part II - Mathematical model and calculation results

Publication date:	29.12.2016
Publication title:	Absorption of carbon dioxide in column sprayed with ionic liquid. Part II - Mathematical model and calculation results
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Journal information:	Prace Naukowe Instytutu Inżynierii Chemicznej Polskiej Akademii Nauk
Tags:	ionic liquids , co2 absorption , packed column

Abstract: The mathematical model of carbon dioxide removal from gases in a packed column using ionic liquids [Bmim][Ac] and [Emim][Ac] was presented. Experimental data obtained in previous work was compared with calculations results carried out using developed mathematical model of the process with good agreement with experimental data.

Attachments:

[Zeszyt-20-2016](#) pdf, 4.77 MB

Created at:	04.08.2025
Published by:	Artur Wojdyła
Published at:	05.08.2025 08:19
Number of downloads:	439

Tagi: ionic liquids, co2 absorption, packed column

Metryczka

Published by:	Artur Wojdyła
Published at:	18.09.2025 12:38
Last edited by:	Artur Wojdyła
Last edited at:	18.09.2025 12:47
Number of views:	153