

# Institute of Chemical Engineering

Adres artykułu: <https://iich.gliwice.pl/en/article/cu-catalyst-usage-in-a-hydrogen-production-in-the-methanol-decomposition-process>

## Cu catalyst usage in a hydrogen production in the methanol decomposition process

<b>Publication date:</b>	29.12.2016
<b>Publication title:</b>	<a href="https://iich.gliwice.pl/en/article/cu-catalyst-usage-in-a-hydrogen-production-in-the-methanol-decomposition-process">Cu catalyst usage in a hydrogen production in the methanol decomposition process</a>
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<b>Journal information:</b>	Prace Naukowe Instytutu Inżynierii Chemicznej Polskiej Akademii Nauk
<b>Tags:</b>	<a href="#">hydrogen production</a> , <a href="#">methanol decomposition</a> , <a href="#">copper catalysts</a>

**Abstract:** The studies of Cu catalyst usage in a hydrogen production in the methanol decomposition process were performed. CuZnZr-based catalysts with Ga, Cr and Ce additives and CuZnAl-based ones promoted by Zr were investigated. The highest hydrogen yield was achieved with CuZnAl-Zr catalysts and CuZnZr-Ga ones. It was established that the catalyst produced by hydrotalcite method showed the best activity.

## Attachments:

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

<b>Created at:</b>	04.08.2025
<b>Published by:</b>	Artur Wojdyła
<b>Published at:</b>	05.08.2025 08:19
<b>Number of downloads:</b>	438

Tagi: hydrogen production, methanol decomposition, copper catalysts

# Metryczka

<b>Published by:</b>	Artur Wojdyła
<b>Published at:</b>	18.09.2025 12:55
<b>Number of views:</b>	186