

# 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

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<b>Authors:</b>	<a href="#">Maria Madej-Lachowska</a> , <a href="#">Henryk Moroz</a> , <a href="#">Hildegarda Wyżgoł</a> , <a href="#">Łukasz Hamryszak</a>
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**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

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# Metryczka

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