

# Institute of Chemical Engineering

Adres artykułu: <https://iich.gliwice.pl/en/article/zastosowanie-fotokatalizy-w-syntezie-metanolu-z-metanu-1>

## Zastosowanie fotokatalizy w syntezie metanolu z metanu

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<b>Publication title:</b>	<a href="#">Zastosowanie fotokatalizy w syntezie metanolu z metanu</a>
<b>Authors:</b>	<a href="#">Łukasz Hamryszak, et al.</a>
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A review, with 56 refs., of research progress on the prodn. of MeOH from MeH using oxide photocatalysts: W, Ti, Bi, Zn, Mo, Ni, Ce and Ga, as well as zeolites and graphene C nitrides. The process conditions were presented, in particular the light sources used, the presence/absence of an oxidant and the addn. of the so-called sacrificial reagents, capturing excess electrons in the reaction system. A fundamental scheme of photocatalysis on a semiconductor molecule was presented.

## Metryczka

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