

# Institute of Chemical Engineering

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## SBA-15 as a carrier for gold nanoparticles

<b>Publication date:</b>	30.12.2014
<b>Publication title:</b>	<a href="#">SBA-15 as a carrier for gold nanoparticles</a>
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<b>Journal information:</b>	Prace Naukowe Instytutu Inżynierii Chemicznej Polskiej Akademii Nauk
<b>Tags:</b>	<a href="#">gold nanoparticles</a> , <a href="#">aluminum modified-sba-15</a> , <a href="#">glucose oxidation</a>

**Abstract:** Modified silica material – SBA-15, with high specific surface area and large pore volume, was used as a carrier for gold nanoparticles. The influence of alumina modification and activation methods with gold nanoparticles on catalysts activity in glucose oxidation with hydrogen peroxide were compared.

## Attachments:

[Zeszyt-18-2014](#) pdf, 6.25 MB

<b>Created at:</b>	04.08.2025
<b>Published by:</b>	Artur Wojdyła
<b>Published at:</b>	04.08.2025 12:47
<b>Number of downloads:</b>	173

Tagi: gold nanoparticles, aluminum modified-sba-15, glucose oxidation

## Metryczka

<b>Published by:</b>	Artur Wojdyła
<b>Published at:</b>	18.09.2025 14:06

**Number of views:**

149