

# Institute of Chemical Engineering

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## SBA-15 as a carrier for gold nanoparticles

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**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

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