

Daria Katla-Milewska

Lista Publikacji

1. Katla, D., Węcel, D., Jurczyk, M., Skorek-Osikowska, A. (2023). Preliminary experimental study of a methanation reactor for conversion of H₂ and CO₂ into synthetic natural gas (SNG). *Energy*, 263, Part D, 125881. <https://doi.org/10.1016/j.energy.2022.125881>
2. Katla, D., Jurczyk, M., Skorek-Osikowska, A., Uchman, W. (2021). Analysis of the integrated system of electrolysis and methanation units for the production of synthetic natural gas (SNG). *Energy*, 237. <https://doi.org/10.1016/j.energy.2021.121479>
3. Skorek-Osikowska, A., Bartela, Ł., Katla, D., Waniczek, S. (2021). Thermodynamic assessment of the novel concept of the energy storage system using compressed carbon dioxide, methanation and hydrogen generator. *Fuel*, 304, 1–10. <https://doi.org/10.1016/j.fuel.2021.120764>
4. Bartela, Ł., Katla, D., Skorek-Osikowska, A. (2020). Evaluation of conceptual electrolysis-based energy storage systems using gas expanders. *International Journal of Hydrogen Energy*, 46, 20171–20182. <https://doi.org/10.1016/j.ijhydene.2020.01.233>
5. Katla, D., Bartela, Ł., Skorek-Osikowska, A. (2020). Evaluation of electricity generation subsystem of power-to-gas-to-power unit using gas expander and heat recovery steam generator. *Energy*, 212. <https://doi.org/10.1016/j.energy.2020.118600>