

Szymon Sobek

Lista Publikacji

1. Sobek, S., Werle, S. (2019). Solar pyrolysis of waste biomass: Part 1 reactor design. *Renewable Energy*, 143, 1939-1948.
2. Tran, K. Q., Werle, S., Trinh, T. T., Magdziarz, A., Sobek, S., Pogrzeba, M. (2020). Fuel characterization and thermal degradation kinetics of biomass from phytoremediation plants. *Biomass and Bioenergy*, 134, 105469.
3. Sobek, S., Werle, S. (2020). Kinetic modelling of waste wood devolatilization during pyrolysis based on thermogravimetric data and solar pyrolysis reactor performance. *Fuel*, 261, 116459.
4. Sobek, S., Werle, S. (2020). Solar pyrolysis of waste biomass: Part 2 kinetic modeling and methodology of the determination of the kinetic parameters for solar pyrolysis of sewage sludge. *Renewable Energy*, 153, 962-974.
5. Sobek, S., Werle, S. (2020). Isoconversional determination of the apparent reaction models governing pyrolysis of wood, straw and sewage sludge, with an approach to rate modelling. *Renewable Energy*, 161, 972-987.