

Ryszard Buchalik

Lista Publikacji

1. Buchalik R., Nowak G., Nowak I. Mathematical model of a thermoelectric system based on steady- and rapid-state measurements. *Applied Energy*. 2021;293:116943.
<https://doi.org/10.1016/j.apenergy.2021.116943>
2. Buchalik R., Nowak G., Nowak I. Comparative analysis and optimization of one- and two-stage cooling systems with thermoelectric cells with respect to supercooling. *Energy Conversion and Management*. 2022;259:115587.
<https://doi.org/10.1016/j.enconman.2022.115587>
3. Buchalik R., Nowak G. Technical and economic analysis of a thermoelectric air conditioning system. *Energy and Buildings*. 2022;268:112168.
<https://doi.org/10.1016/j.enbuild.2022.112168>
4. Buchalik R., Nowak G. Single-Sensor Vibration-Scanning Method for Assessing the Mechanical Properties of 3D Printed Elements. *Materials*. 2021; 14(5):1072.
<https://doi.org/10.3390/ma14051072>
5. Buchalik R., Nowak I., Rogoziński K., Nowak G. Detailed Model of a Thermoelectric Generator Performance. *Journal of Energy Resources Technology*. 2020;142(2):021601.
<https://doi.org/10.1115/1.4044367>