

# Bartosz Zajackowski

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6104204/publications.pdf>

Version: 2024-02-01

21  
papers

311  
citations

758635

12  
h-index

839053

18  
g-index

21  
all docs

21  
docs citations

21  
times ranked

304  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Heat transfer characteristics of flow boiling in a micro channel array with various inlet geometries. International Journal of Heat and Mass Transfer, 2022, 187, 122549.                                  | 2.5 | 12        |
| 2  | Impact of Silica Nanofluid Deposition on Thermosyphon Performance. Heat Transfer Engineering, 2021, 42, 1702-1719.   | 1.2 | 5         |
| 3  | Pool boiling heat transfer coefficient of dimethyl ether and its azeotropic ternary mixtures. International Journal of Heat and Mass Transfer, 2021, 171, 121063.  | 2.5 | 5         |
| 4  | Drying silica-nanofluid droplets. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 623, 126730.   | 2.3 | 9         |
| 5  | The effect of boiling in a thermosyphon on surface tension and contact angle of silica and graphene oxide nanofluids. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 627, 127082. | 2.3 | 19        |
| 6  | Determining the Heat of Fusion and Specific Heat of Microencapsulated Phase Change Material Slurry by Thermal Delay Method. Energies, 2021, 14, 179.   | 1.6 | 13        |
| 7  | The experimental investigation of mPCM slurries density at phase change temperature. International Journal of Heat and Mass Transfer, 2020, 159, 120083.   | 2.5 | 16        |
| 8  | Influence of saturation temperature and heat flux on pool boiling of R245fa. Experimental Heat Transfer, 2020, , 1-18.   | 2.3 | 8         |
| 9  | Subcooled boiling regime map for water at low saturation temperature and subatmospheric pressure. Experimental Thermal and Fluid Science, 2020, 118, 110150.   | 1.5 | 7         |
| 10 | Influence of graphene oxide nanofluids and surfactant on thermal behaviour of the thermosyphon. Journal of Thermal Analysis and Calorimetry, 2019, 136, 843-855.   | 2.0 | 30        |
| 11 | Predicting Performance of a District Heat Powered Adsorption Chiller by Means of an Artificial Neural Network. Energies, 2019, 12, 3328.   | 1.6 | 9         |
| 12 | Novel sensor for local analysis of bubble dynamics at low pressure. Experimental Thermal and Fluid Science, 2019, 104, 175-185.  | 1.5 | 3         |
| 13 | Enhanced tunneled surfaces for water pool boiling heat transfer under low pressure. International Journal of Heat and Mass Transfer, 2018, 116, 93-103.  | 2.5 | 16        |
| 14 | Review on flow boiling of refrigerants R236fa and R245fa in mini and micro channels. International Journal of Heat and Mass Transfer, 2018, 126, 591-617.  | 2.5 | 23        |
| 15 | Experimental study of low pressure pool boiling of water from narrow tunnel surfaces. International Journal of Thermal Sciences, 2017, 121, 348-357.   | 2.6 | 16        |
| 16 | Evaluation of the impact of the thermal shunt effect on the U-pipe ground borehole heat exchanger performance. Geothermics, 2017, 65, 244-254.   | 1.5 | 28        |
| 17 | Optimizing performance of a three-bed adsorption chiller using new cycle time allocation and mass recovery. Applied Thermal Engineering, 2016, 100, 744-752.   | 3.0 | 34        |
| 18 | Experimental verification of heat transfer coefficient for nucleate boiling at sub-atmospheric pressure and small heat fluxes. Heat and Mass Transfer, 2016, 52, 205-215.                                  | 1.2 | 25        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Feasibility of inline cooling in long distance HTS power line. Cryogenics, 2011, 51, 180-186.                                      | 0.9 | 17        |
| 20 | New type of sorption composite for chemical heat pump and refrigeration systems. Applied Thermal Engineering, 2010, 30, 1455-1460. | 3.0 | 16        |
| 21 | On the Double Peak Structure of Thermosyphon Geysering. , 0, , .   |     | 0         |