

# Stanisław Anweiler

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9315570/publications.pdf>

Version: 2024-02-01

21  
papers

226  
citations

1039880

9  
h-index

996849

15  
g-index

21  
all docs

21  
docs citations

21  
times ranked

263  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Multicopter platform prototype for environmental monitoring. <i>Journal of Cleaner Production</i> , 2017, 155, 204-211.   | 4.6 | 32        |
| 2  | Two-phase flow phenomena assessment in minichannels for compact heat exchangers using image analysis methods. <i>Energy Conversion and Management</i> , 2015, 104, 44-54.   | 4.4 | 28        |
| 3  | Developing of Low-Cost Air Pollution Sensor Measurements with the Unmanned Aerial Vehicles in Poland. <i>Sensors</i> , 2020, 20, 3582.  | 2.1 | 25        |
| 4  | The Heat Conductivity Properties of Hemp Lime Composite Material Used in Single-Family Buildings. <i>Materials</i> , 2020, 13, 1011.  | 1.3 | 25        |
| 5  | The Concept of Autonomous Power Supply System Fed with Renewable Energy Sources. <i>Journal of Sustainable Development of Energy, Water and Environment Systems</i> , 2017, 5, 579-589.                               | 0.9 | 20        |
| 6  | A New Method of Selecting the Airlift Pump Optimum Efficiency at Low Submergence Ratios with the Use of Image Analysis. <i>Energies</i> , 2019, 12, 735.  | 1.6 | 15        |
| 7  | Optimization of air pollution measurements with unmanned aerial vehicle low-cost sensor based on an inductive knowledge management method. <i>Optimization and Engineering</i> , 2021, 22, 1783-1805.                 | 1.3 | 14        |
| 8  | Characterization of multiphase gas-solid flow and accuracy of turbulence models for lower stage cyclones used in suspension preheaters. <i>Chinese Journal of Chemical Engineering</i> , 2019, 27, 1618-1629.         | 1.7 | 13        |
| 9  | Technical Aspects and Energy Effects of Waste Heat Recovery from District Heating Boiler Slag. <i>Energies</i> , 2018, 11, 796.   | 1.6 | 12        |
| 10 | Two-phase flow structure assessment based on dynamic image analysis. <i>Flow Measurement and Instrumentation</i> , 2019, 65, 195-202.   | 1.0 | 8         |
| 11 | Recognition of two-phase flow patterns with the use of dynamic image analysis. <i>Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering</i> , 2002, 216, 227-233. | 1.4 | 6         |
| 12 | Development of videogrammetry as a tool for gas-particle fluidization research. <i>Journal of Environmental Management</i> , 2017, 203, 942-949.  | 3.8 | 6         |
| 13 | Application of stereology for two-phase flow structure validation in fluidized bed reactors. <i>Thermal Science</i> , 2016, 20, 1199-1208.  | 0.5 | 6         |
| 14 | Unmanned Aerial Vehicles for Environmental Monitoring with Special Reference to Heat Loss. <i>E3S Web of Conferences</i> , 2017, 19, 02005.   | 0.2 | 5         |
| 15 | Determination of the number of Vertical Axis Wind Turbine blades based on power spectrum. <i>E3S Web of Conferences</i> , 2017, 19, 01003.  | 0.2 | 3         |
| 16 | Thermokinetics of Brown Coal during a Fluidized Drying Process. <i>Energies</i> , 2020, 13, 684.  | 1.6 | 2         |
| 17 | Algorithms for determination of the vector velocity field in a two-phase gas-liquid flow. <i>Thermal Science</i> , 2020, 24, 3569-3576.   | 0.5 | 2         |
| 18 | Unmanned aerial vehicle application for air pollution monitoring. <i>AIP Conference Proceedings</i> , 2018, , .   | 0.3 | 1         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Experimental based determination of SCOP coefficient for ground-water heat pump. E3S Web of Conferences, 2018, 44, 00003.                 | 0.2 | 1         |
| 20 | Precise Evaluation of Gas-Liquid Two-Phase Flow Pattern in a Narrow Rectangular Channel with Stereology Method. Energies, 2021, 14, 3180. | 1.6 | 1         |
| 21 | Application of videogrammetry in the mechanics of multi-phase systems. Thermal Science, 2020, 24, 3577-3588.                              | 0.5 | 1         |