

Zlatko Rek

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8195712/publications.pdf>

Version: 2024-02-01

10
papers

104
citations

1478505

6
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

91
citing authors

#	ARTICLE	IF	CITATIONS
1	Soil thermal conductivity prediction for district heating pre-insulated pipeline in operation. <i>Energy</i> , 2012, 44, 197-210.	8.8	27
2	Application of CFD Simulation in the Development of a New Generation Heating Oven. <i>Strojniski Vestnik/Journal of Mechanical Engineering</i> , 2012, 58, 134-144.	1.1	25
3	Numerical simulation of gas jet in liquid crossflow with high mean jet to crossflow velocity ratio. <i>Chemical Engineering Science</i> , 2017, 172, 667-676.	3.8	14
4	CFD Modeling of the Effect of Different Surface Texturing Geometries on the Frictional Behavior. <i>Lubricants</i> , 2018, 6, 15.	2.9	11
5	Soil temperature gradient as a useful tool for small water leakage detection from district heating pipes in buried channels. <i>Energy</i> , 2020, 201, 117684.	8.8	11
6	Void fraction distribution in a bisectonal bubble column reactor. <i>AIChE Journal</i> , 2019, 65, 1186-1197.	3.6	8
7	Using a Dynamic and Constant Mesh in Numerical Simulation of the Free-Rising Bubble. <i>Fluids</i> , 2019, 4, 38.	1.7	4
8	The Ability of a Soil Temperature Gradient-Based Methodology to Detect Leaks from Pipelines in Buried District Heating Channels. <i>Energies</i> , 2021, 14, 5712.	3.1	2
9	Modified method of regularized sources for potential flow. <i>Computers and Mathematics With Applications</i> , 2021, 88, 110-119.	2.7	1
10	Numerical Simulation of Heat Load for Multilayer Laue Lens under Exposure to XFEL Pulse Trains. <i>Photonics</i> , 2022, 9, 362.	2.0	1