

Simon MuhiÄ•

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/646646/publications.pdf>

Version: 2024-02-01

16
papers

176
citations

1478505

6
h-index

1125743

13
g-index

17
all docs

17
docs citations

17
times ranked

187
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigating impact of five build parameters on the maximum flexural force in FDM specimens â€“ a definitive screening design approach. Rapid Prototyping Journal, 2017, 23, 1088-1098.	3.2	43
2	The influence of indoor environment in office buildings on their occupants: expectedâ€“unexpected. Building and Environment, 2004, 39, 289-296.	6.9	40
3	Experimental testing of the heat exchanger with star-shaped fins. International Journal of Heat and Mass Transfer, 2020, 149, 119190.	4.8	24
4	Effectiveness of personal ventilation system using relative decrease of tracer gas in the first minute parameter. Energy and Buildings, 2006, 38, 534-542.	6.7	9
5	How Big Is an Error in the Analytical Calculation of Annular Fin Efficiency?. Energies, 2019, 12, 1787.	3.1	7
6	Numerical optimisation and experimental validation of divided rail freight brake disc crown. Journal of Modern Transportation, 2019, 27, 1-10.	2.5	7
7	Numerical Analysis of Tube Heat Exchanger with Perforated Star-Shaped Fins. Fluids, 2020, 5, 242.	1.7	6
8	Wall Roughness Influence on the Efficiency Characteristics of Centrifugal Pump. Strojniski Vestnik/Journal of Mechanical Engineering, 2017, 63, 529-536.	1.1	6
9	Numerical Investigation of a Coal-Fired Power Plant Main Furnace under Normal and Reduced-Oxygen Operating Conditions. Journal of Energy Engineering - ASCE, 2017, 143, .	1.9	5
10	Heat Transfer Correlations for Star-Shaped Fins. Applied Sciences (Switzerland), 2021, 11, 5912.	2.5	5
11	Numerical Analysis with Experimental Validation of Single-Phase Fluid Flow in a Dimple Pattern Heat Exchanger Channel. Strojniski Vestnik/Journal of Mechanical Engineering, 2020, 66, 544-553.	1.1	3
12	Numerical Analysis of Tube Heat Exchanger with Trimmed Star-Shaped Fins. Applied Sciences (Switzerland), 2022, 12, 4857.	2.5	3
13	Verification of dC(1) Parameter for Measuring the Effectiveness of a Personalized Ventilation System. HVAC and R Research, 2008, 14, 535-544.	0.6	1
14	Transport emissions and electric mobility in private transport in the Republic of Slovenia. TehniÄki Glasnik, 2018, 12, 98-103.	0.7	1
15	Wall roughness influence on the NPSH characteristics of centrifugal pumps. IOP Conference Series: Earth and Environmental Science, 2019, 240, 032019.	0.3	1
16	Computational study of road tunnel exposure to severe wind conditions. Wind and Structures, an International Journal, 2014, 19, 185-197.	0.8	0