

Lachi Mohammed

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9552799/publications.pdf>

Version: 2024-02-01

19
papers

269
citations

1039880

9
h-index

996849

15
g-index

19
all docs

19
docs citations

19
times ranked

272
citing authors

#	ARTICLE	IF	CITATIONS
1	Study of hygrothermal behaviour of a hemp concrete building envelope under summer conditions in France. <i>Energy and Buildings</i> , 2014, 77, 48-57.	3.1	65
2	Hygric buffer and acoustic absorption of new building insulation materials based on date palm fibers. <i>Journal of Building Engineering</i> , 2017, 12, 132-139.	1.6	43
3	Hybrid formulation and solution for transient conjugated conduction external convection. <i>International Journal of Heat and Mass Transfer</i> , 2009, 52, 112-123.	2.5	35
4	Surface particle motions in rotating cylinders: Validation and similarity for an industrial scale kiln. <i>Powder Technology</i> , 2012, 224, 260-272.	2.1	32
5	Study of the effect of sun patch on the transient thermal behaviour of a heating floor in Algeria. <i>Energy and Buildings</i> , 2016, 133, 257-270.	3.1	20
6	Alternative models for transient convection heat transfer in external flows over a plate exposed to a variable heat flux. <i>International Journal of Thermal Sciences</i> , 2004, 43, 809-816.	2.6	14
7	Analysis and multi-response optimization of two dew point cooler configurations using the desirability function approach. <i>Energy Reports</i> , 2021, 7, 5289-5304.	2.5	11
8	Integral transform solution of transient forced convection in external flow. <i>International Communications in Heat and Mass Transfer</i> , 2007, 34, 703-712.	2.9	9
9	Development and performance evaluation of a hemp starch composite. <i>Journal of Building Physics</i> , 2016, 40, 278-295.	1.2	9
10	Experimental and numerical analysis of the energy performance of a water/soil exchanger coupled to a cooling floor for North Africa. <i>Geothermics</i> , 2019, 80, 8-19.	1.5	9
11	Experiments and Simulations in Transient Conjugated Conduction-Convection-Radiation. <i>Heat Transfer Research</i> , 2010, 41, 209-231.	0.9	9
12	Loi de reponse d'un echangeur thermique soumis a des echelons de temperature aux entrees. <i>International Communications in Heat and Mass Transfer</i> , 1995, 22, 145-154.	2.9	6
13	Effects of humidification process on thermal performance of floor heating systems: An experimental study. <i>Building and Environment</i> , 2022, 221, 109353.	3.0	3
14	Transient Conjugated Conduction: External Convection With Front Face Imposed Wall Heat Flux. , 2007, , .		2
15	Cost optimization of reliability testing by a bayesian approach. <i>Mechanics and Industry</i> , 2014, 15, 449-454.	0.5	1
16	The Mechanical Fracture of a Railway Bogie under Cyclic Loading by Ansys. <i>MATEC Web of Conferences</i> , 2015, 28, 03002.	0.1	1
17	Non-Isothermal Fluid Flow in a Continuous Casting Tundish. , 2010, , .		0
18	Numerical modeling of the flow in the mold of the continuous casting machine. <i>Heat and Mass Transfer</i> , 2013, 49, 1039-1050.	1.2	0

#	ARTICLE	IF	CITATIONS
19	Numerical Study of Tread Defects' Impact on the Static and Dynamic Behavior of a Railway Wheel. , 2017, , .		0