

Ahmed N Oumer

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

384
citations

1307366

7
h-index

1058333

14
g-index

20
all docs

20
docs citations

20
times ranked

488
citing authors

#	ARTICLE	IF	CITATIONS
1	Bio-based liquid fuels as a source of renewable energy: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 88, 82-98.	8.2	76
2	Investigation on Flow and Heat Transfer of Supercritical CO ₂ in Helical Coiled Tubes at Various Supercritical Pressures. <i>MATEC Web of Conferences</i> , 2018, 225, 01018.	0.1	0
3	Small scale hydro-power as a source of renewable energy in Malaysia: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 72, 228-239.	8.2	102
4	A review on improving thermal-hydraulic performance of fin-and-tube heat exchangers. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 257, 012049.	0.3	6
5	Investigation of thermal-hydraulic performance in flat tube heat exchangers at various tube inclination angles. <i>International Journal of Automotive and Mechanical Engineering</i> , 2017, 14, 4542-4560.	0.5	1
6	Experimental investigation on the mechanical properties of glass fiber reinforced nylon. <i>IOP Conference Series: Materials Science and Engineering</i> , 2016, 114, 012118.	0.3	29
7	Modeling and flow analysis of pure nylon polymer for injection molding process. <i>IOP Conference Series: Materials Science and Engineering</i> , 2016, 114, 012043.	0.3	2
8	Numerical Analysis of Flow and Heat Transfer Characteristics of CO ₂ at Vapour and Supercritical Phases in Micro-Channels. <i>MATEC Web of Conferences</i> , 2016, 74, 00011.	0.1	0
9	Numerical Investigation on Effect of Immersed Blade Depth on the Performance of Undershot Water Turbines. <i>MATEC Web of Conferences</i> , 2016, 74, 00035.	0.1	7
10	Improvement on particulate mixing through inclined slotted swirling distributor in a fluidized bed: An experimental study. <i>Advanced Powder Technology</i> , 2016, 27, 2102-2111.	2.0	27
11	Influence of normal loads and sliding velocities on friction properties of engineering plastics sliding against rough counterfaces. <i>IOP Conference Series: Materials Science and Engineering</i> , 2016, 114, 012112.	0.3	2
12	State-of-the-art on flow and heat transfer characteristics of supercritical CO ₂ in various channels. <i>Journal of Supercritical Fluids</i> , 2016, 116, 132-147.	1.6	75
13	Numerical and Experimental Investigation on Tensile Properties of Natural-Sand Reinforced Polypropylene. <i>Advanced Materials Research</i> , 2015, 1115, 283-287.	0.3	0
14	Numerical prediction of flow induced fibers orientation in injection molded polymer composites. <i>IOP Conference Series: Materials Science and Engineering</i> , 2015, 100, 012066.	0.3	4
15	Modeling and experimental validation of tensile properties of sugar palm fiber reinforced high impact polystyrene composites. <i>Fibers and Polymers</i> , 2014, 15, 334-339.	1.1	22
16	Numerical modelling of non-isothermal flow of fibre suspensions: prediction of fibre orientation in three-dimensional cavities. <i>International Journal of Computational Science and Engineering</i> , 2014, 9, 247.	0.4	3
17	A study of fiber orientation in short fiber-reinforced composites with simultaneous mold filling and phase change effects. <i>Composites Part B: Engineering</i> , 2012, 43, 1087-1094.	5.9	28
18	Numerical simulation of fiber suspension in a two dimensional cavity. <i>World Journal of Engineering</i> , 2011, 8, 77-86.	1.0	0

#	ARTICLE	IF	CITATIONS
19	Three Dimensional Simulation of Suspension Flow in a Mold Cavity. , 2010, , .		0
20	Numerical and Qualitative Analysis of a Single Particle Behavior in a Shear Driven Flow in Equilateral Triangular Cavity. Applied Mechanics and Materials, 0, 465-466, 557-561.	0.2	0