

# Ahmed N Oumer

## List of Publications by Year in descending order

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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	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
2	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
3	State-of-the-art on flow and heat transfer characteristics of supercritical CO <sub>2</sub> in various channels. <i>Journal of Supercritical Fluids</i> , 2016, 116, 132-147.	1.6	75
4	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
5	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
6	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
7	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
8	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
9	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
10	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
11	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
12	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
13	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
14	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
15	Numerical simulation of fiber suspension in a two dimensional cavity. <i>World Journal of Engineering</i> , 2011, 8, 77-86.	1.0	0
16	Numerical and Qualitative Analysis of a Single Particle Behavior in a Shear Driven Flow in Equilateral Triangular Cavity. <i>Applied Mechanics and Materials</i> , 0, 465-466, 557-561.	0.2	0
17	Numerical and Experimental Investigation on Tensile Properties of Natural-Sand Reinforced Polypropylene. <i>Advanced Materials Research</i> , 2015, 1115, 283-287.	0.3	0
18	Numerical Analysis of Flow and Heat Transfer Characteristics of CO <sub>2</sub> at Vapour and Supercritical Phases in Micro-Channels. <i>MATEC Web of Conferences</i> , 2016, 74, 00011.	0.1	0

#	ARTICLE	IF	CITATIONS
19	Investigation on Flow and Heat Transfer of Supercritical CO <sub>2</sub> in Helical Coiled Tubes at Various Supercritical Pressures. MATEC Web of Conferences, 2018, 225, 01018.	0.1	0
20	Three Dimensional Simulation of Suspension Flow in a Mold Cavity. , 2010, , .		0