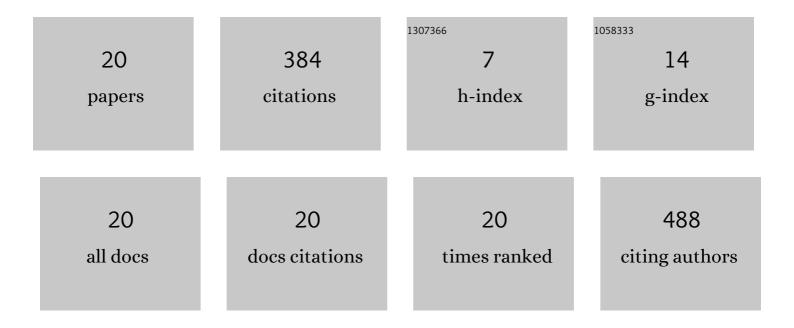
## Ahmed N Oumer

List of Publications by Year in descending order

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Δημέρ Ν Οιιμέρ

#	Article	IF	CITATIONS
1	Small scale hydro-power as a source of renewable energy in Malaysia: A review. Renewable and Sustainable Energy Reviews, 2017, 72, 228-239.	8.2	102
2	Bio-based liquid fuels as a source of renewable energy: A review. Renewable and Sustainable Energy Reviews, 2018, 88, 82-98.	8.2	76
3	State-of-the-art on flow and heat transfer characteristics of supercritical CO2 in various channels. Journal of Supercritical Fluids, 2016, 116, 132-147.	1.6	75
4	Experimental investigation on the mechanical properties of glass fiber reinforced nylon. IOP Conference Series: Materials Science and Engineering, 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. Composites Part B: Engineering, 2012, 43, 1087-1094.	5.9	28
6	Improvement on particulate mixing through inclined slotted swirling distributor in a fluidized bed: An experimental study. Advanced Powder Technology, 2016, 27, 2102-2111.	2.0	27
7	Modeling and experimental validation of tensile properties of sugar palm fiber reinforced high impact polystyrene composites. Fibers and Polymers, 2014, 15, 334-339.	1.1	22
8	Numerical Investigation on Effect of Immersed Blade Depth on the Performance of Undershot Water Turbines. MATEC Web of Conferences, 2016, 74, 00035.	0.1	7
9	A review on improving thermal-hydraulic performance of fin-and-tube heat exchangers. IOP Conference Series: Materials Science and Engineering, 2017, 257, 012049.	0.3	6
10	Numerical prediction of flow induced fibers orientation in injection molded polymer composites. IOP Conference Series: Materials Science and Engineering, 2015, 100, 012066.	0.3	4
11	Numerical modelling of non-isothermal flow of fibre suspensions: prediction of fibre orientation in three-dimensional cavities. International Journal of Computational Science and Engineering, 2014, 9, 247.	0.4	3
12	Modeling and flow analysis of pure nylon polymer for injection molding process. IOP Conference Series: Materials Science and Engineering, 2016, 114, 012043.	0.3	2
13	Influence of normal loads and sliding velocities on friction properties of engineering plastics sliding against rough counterfaces. IOP Conference Series: Materials Science and Engineering, 2016, 114, 012112.	0.3	2
14	Investigation of thermal-hydraulic performance in flat tube heat exchangers at various tube inclination angles. International Journal of Automotive and Mechanical Engineering, 2017, 14, 4542-4560.	0.5	1
15	Numerical simulation of fiber suspension in a two dimensional cavity. World Journal of Engineering, 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. Applied Mechanics and Materials, 0, 465-466, 557-561.	0.2	0
17	Numerical and Experimental Investigation on Tensile Properties of Natural-Sand Reinforced Polypropylene. Advanced Materials Research, 2015, 1115, 283-287.	0.3	0
18	Numerical Analysis of Flow and Heat Transfer Characteristics of CO2at Vapour and Supercritical Phases in Micro-Channels. MATEC Web of Conferences, 2016, 74, 00011.	0.1	0

#	Article	IF	CITATIONS
19	Investigation on Flow and Heat Transfer of Supercritical CO2 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, , .

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