Kin Yuen Leong

List of Publications by Year
in descending order

28	3,657	361296 20	642610 23
papers	citations	h-index	g-index

28	28	28	3590
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ultrasonic assisted oil extraction and biodiesel synthesis of Spent Coffee Ground. Fuel, 2020, 261, 116121.	3.4	52
2	Nano-enhanced phase change materials: A review of thermo-physical properties, applications and challenges. Journal of Energy Storage, 2019, 21, 18-31.	3.9	234
3	Nanofluids Containing Titanium Dioxide: Thermo-physical Properties and Energy Saving Applications. , 2019, , 881-900.		1
4	Thermal conductivity of an ethylene glycol/water-based nanofluid with copper-titanium dioxide nanoparticles: An experimental approach. International Communications in Heat and Mass Transfer, 2018, 90, 23-28.	2.9	69
5	Nanofluids Containing Titanium Dioxide: Thermo-Physical Properties and Energy Saving Applications. , 2018, , 1-20.		0
6	Numerical analysis of the forced convective heat transfer on Al2O3â€“Cu/water hybrid nanofluid. Heat and Mass Transfer, 2017, 53, 1835-1842.	1.2	35
7	An empirical analysis on photovoltaic thermal system with fin design by forced air circulation. Journal of Mechanical Science and Technology, 2017, 31, 2549-2557.	0.7	9
8	Nanofluid heat transfer between concentric independently rotating tubes with axial flow. Journal of Physics: Conference Series, 2017, 822, 012034.	0.3	0
9	Investigation on Stability and Optical Properties of Titanium Dioxide and Aluminum Oxide Water-Based Nanofluids. International Journal of Thermophysics, 2017, 38, 1.	1.0	23
10	Synthesis and thermal conductivity characteristic of hybrid nanofluids â€“ A review. Renewable and Sustainable Energy Reviews, 2017, 75, 868-878.	8.2	175
11	Electromagnetic Interference Shielding Performances of MWCNT in Concrete Composites. Solid State Phenomena, 2017, 266, 283-286.	0.3	3
12	Thermal Fluid Dynamics of Al₂O₃â€“Cu/Water Hybrid Nanofluid in Inclined Lid Driven Cavity. Journal of Nanofluids, 2017, 6, 149-154.	1.4	5
13	The effect of surfactant on stability and thermal conductivity of carbon nanotube based nanofluids. Thermal Science, 2016, 20, 429-436.	0.5	33
14	Characteristics of the Biodiesel Palm Oil Methyl Ester Pool Fire. MATEC Web of Conferences, 2016, 74, 00015.	0.1	0
15	Resource assessment of the renewable energy potential for a remote area: A review. Renewable and Sustainable Energy Reviews, 2016, 62, 908-923.	8.2	64
16	An experimental investigation on performance analysis of air type photovoltaic thermal collector system integrated with cooling fins design. Energy and Buildings, 2016, 130, 272-285.	3.1	159
17	Investigation of potential hybrid renewable energy at various rural areas in Malaysia. Journal of Cleaner Production, 2016, 139, 61-73.	4.6	67
18	An overview on current application of nanofluids in solar thermal collector and its challenges. Renewable and Sustainable Energy Reviews, 2016, 53, 1092-1105.	8.2	131

#	Article	IF	Citations
19	Advances and challenges in grid tied photovoltaic systems. Renewable and Sustainable Energy Reviews, 2015, 49, 121-131.	8.2	59
20	Entropy generation analysis of nanofluids flow in various shapes of cross section ducts. International Communications in Heat and Mass Transfer, 2014, 57, 72-78.	2.9	23
21	Optimization of biodiesel production and engine performance from high free fatty acid Calophyllum inophyllum oil in CI diesel engine. Energy Conversion and Management, 2014, 81, 30-40.	4.4	267
22	Thermophysical properties and heat transfer performance of Al2O3/R-134a nanorefrigerants. International Journal of Heat and Mass Transfer, 2013, 57, 100-108.	2.5	155
23	Entropy generation analysis of nanofluid flow in a circular tube subjected to constant wall temperature. International Communications in Heat and Mass Transfer, 2012, 39, 1169-1175.	2.9	53
24	Heat transfer and entropy analysis of three different types of heat exchangers operated with nanofluids. International Communications in Heat and Mass Transfer, 2012, 39, 838-843.	2.9	69
25	Modeling of shell and tube heat recovery exchanger operated with nanofluid based coolants. International Journal of Heat and Mass Transfer, 2012, 55, 808-816.	2.5	77
26	A review on applications and challenges of nanofluids. Renewable and Sustainable Energy Reviews, 2011, 15, 1646-1668.	8.2	1,521
27	Performance investigation of an automotive car radiator operated with nanofluid-based coolants (nanofluid as a coolant in a radiator). Applied Thermal Engineering, 2010, 30, 2685-2692.	3.0	369
28	Thermal Conductivity Enhancement of Graphene Epoxy Nanocomposite. Key Engineering Materials, 0, 701, 13-17.	0.4	4