

# Kin Yuen Leong

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

3,657  
citations

361413

20  
h-index

642732

23  
g-index

28  
all docs

28  
docs citations

28  
times ranked

3590  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrasonic assisted oil extraction and biodiesel synthesis of Spent Coffee Ground. Fuel, 2020, 261, 116121.	6.4	52
2	Nano-enhanced phase change materials: A review of thermo-physical properties, applications and challenges. Journal of Energy Storage, 2019, 21, 18-31.	8.1	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.	5.6	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 Al <sub>2</sub> O <sub>3</sub> -Cu/water hybrid nanofluid. Heat and Mass Transfer, 2017, 53, 1835-1842.	2.1	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.	1.5	9
8	Nanofluid heat transfer between concentric independently rotating tubes with axial flow. Journal of Physics: Conference Series, 2017, 822, 012034.	0.4	0
9	Investigation on Stability and Optical Properties of Titanium Dioxide and Aluminum Oxide Water-Based Nanofluids. International Journal of Thermophysics, 2017, 38, 1.	2.1	23
10	Synthesis and thermal conductivity characteristic of hybrid nanofluids – A review. Renewable and Sustainable Energy Reviews, 2017, 75, 868-878.	16.4	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 Al <sub>2</sub> O <sub>3</sub> -Cu/Water Hybrid Nanofluid in Inclined Lid Driven Cavity. Journal of Nanofluids, 2017, 6, 149-154.	2.7	5
13	The effect of surfactant on stability and thermal conductivity of carbon nanotube based nanofluids. Thermal Science, 2016, 20, 429-436.	1.1	33
14	Characteristics of the Biodiesel Palm Oil Methyl Ester Pool Fire. MATEC Web of Conferences, 2016, 74, 00015.	0.2	0
15	Resource assessment of the renewable energy potential for a remote area: A review. Renewable and Sustainable Energy Reviews, 2016, 62, 908-923.	16.4	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.	6.7	159
17	Investigation of potential hybrid renewable energy at various rural areas in Malaysia. Journal of Cleaner Production, 2016, 139, 61-73.	9.3	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.	16.4	131

#	ARTICLE	IF	CITATIONS
19	Advances and challenges in grid tied photovoltaic systems. <i>Renewable and Sustainable Energy Reviews</i> , 2015, 49, 121-131.	16.4	59
20	Entropy generation analysis of nanofluids flow in various shapes of cross section ducts. <i>International Communications in Heat and Mass Transfer</i> , 2014, 57, 72-78.	5.6	23
21	Optimization of biodiesel production and engine performance from high free fatty acid <i>Calophyllum inophyllum</i> oil in CI diesel engine. <i>Energy Conversion and Management</i> , 2014, 81, 30-40.	9.2	267
22	Thermophysical properties and heat transfer performance of Al <sub>2</sub> O <sub>3</sub> /R-134a nanorefrigerants. <i>International Journal of Heat and Mass Transfer</i> , 2013, 57, 100-108.	4.8	155
23	Entropy generation analysis of nanofluid flow in a circular tube subjected to constant wall temperature. <i>International Communications in Heat and Mass Transfer</i> , 2012, 39, 1169-1175.	5.6	53
24	Heat transfer and entropy analysis of three different types of heat exchangers operated with nanofluids. <i>International Communications in Heat and Mass Transfer</i> , 2012, 39, 838-843.	5.6	69
25	Modeling of shell and tube heat recovery exchanger operated with nanofluid based coolants. <i>International Journal of Heat and Mass Transfer</i> , 2012, 55, 808-816.	4.8	77
26	A review on applications and challenges of nanofluids. <i>Renewable and Sustainable Energy Reviews</i> , 2011, 15, 1646-1668.	16.4	1,521
27	Performance investigation of an automotive car radiator operated with nanofluid-based coolants (nanofluid as a coolant in a radiator). <i>Applied Thermal Engineering</i> , 2010, 30, 2685-2692.	6.0	369
28	Thermal Conductivity Enhancement of Graphene Epoxy Nanocomposite. <i>Key Engineering Materials</i> , 0, 701, 13-17.	0.4	4