

# David Kok Wai Cheong

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1283427/publications.pdf>

Version: 2024-02-01

14  
papers

385  
citations

933264

10  
h-index

1058333

14  
g-index

14  
all docs

14  
docs citations

14  
times ranked

487  
citing authors

#	ARTICLE	IF	CITATIONS
1	k-Shape clustering algorithm for building energy usage patterns analysis and forecasting model accuracy improvement. <i>Energy and Buildings</i> , 2017, 146, 27-37.	3.1	143
2	Cooling efficiency of a brushless direct current stand fan. <i>Building and Environment</i> , 2015, 85, 196-204.	3.0	42
3	Performance evaluation of an integrated Personalized Ventilation“Personalized Exhaust system in conjunction with two background ventilation systems. <i>Building and Environment</i> , 2014, 78, 103-110.	3.0	36
4	Adaptive behaviour and thermal comfort in Singapore's naturally ventilated housing. <i>Building Research and Information</i> , 2003, 31, 13-23.	2.0	33
5	Levelised Cost of Storage (LCOS) for solar-PV-powered cooling in the tropics. <i>Applied Energy</i> , 2019, 242, 640-654.	5.1	24
6	Ventilation characteristics of an air-conditioned office building in Singapore. <i>Building and Environment</i> , 2002, 37, 241-255.	3.0	20
7	Anthropogenic heat reduction through retrofitting strategies of campus buildings. <i>Energy and Buildings</i> , 2017, 152, 813-822.	3.1	20
8	Global sensitivity and uncertainty analysis of the levelised cost of storage (LCOS) for solar-PV-powered cooling. <i>Applied Energy</i> , 2021, 286, 116533.	5.1	19
9	Assessment and mitigation of personal exposure to particulate air pollution in cities: An exploratory study. <i>Sustainable Cities and Society</i> , 2021, 72, 103052.	5.1	19
10	Effectiveness of an ultraviolet germicidal irradiation system in enhancing cooling coil energy performance in a hot and humid climate. <i>Energy and Buildings</i> , 2016, 130, 321-329.	3.1	11
11	Indoor air quality comparison of two air-conditioned zones served by the same air-handling unit. <i>Building and Environment</i> , 2002, 37, 947-960.	3.0	5
12	Energy utilizability concept as a retrofitting solution selection criterion for buildings. <i>Journal of Civil Engineering and Management</i> , 2017, 23, 541-552.	1.9	5
13	Effects of an ultraviolet coil irradiation system on the airside heat transfer coefficient and low $\hat{P}^T$ syndrome in a hot and humid climate. <i>Science and Technology for the Built Environment</i> , 2017, 23, 582-593.	0.8	4
14	Assessment of Home-Based and Mobility-Based Exposure to Black Carbon in an Urban Environment: A Pilot Study. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 5028.	1.2	4