

# Kian Wee Chen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9287127/publications.pdf>

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papers

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1163117

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216  
citing authors

#	ARTICLE	IF	CITATIONS
1	A fresh (air) look at ventilation for COVID-19: Estimating the global energy savings potential of coupling natural ventilation with novel radiant cooling strategies. Applied Energy, 2021, 292, 116848.	10.1	57
2	Exploring membrane-assisted radiant cooling for designing comfortable naturally ventilated spaces in the tropics. Building Research and Information, 2020, , 1-13.	3.9	8
3	Membrane-assisted radiant cooling for expanding thermal comfort zones globally without air conditioning. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 21162-21169.	7.1	45
4	Globe thermometer free convection error potentials. Scientific Reports, 2020, 10, 2652.	3.3	34
5	Carbon storage estimation of tropical urban trees by an improved allometric model for aboveground biomass based on terrestrial laser scanning. Urban Forestry and Urban Greening, 2019, 44, 126387.	5.3	15
6	Subtractive Building Massing for Performance-Based Architectural Design Exploration: A Case Study of Daylighting Optimization. Sustainability, 2019, 11, 6965.	3.2	16
7	Multi-objective optimisation of building form, envelope and cooling system for improved building energy performance. Automation in Construction, 2018, 94, 449-457.	9.8	44
8	Enabling Algorithm-Assisted Architectural Design Exploration for Computational Design Novices. Computer-Aided Design and Applications, 2018, 16, 269-288.	0.6	2
9	Evaluating Urban Forms for Comparison Studies in the Massing Design Stage. Sustainability, 2017, 9, 987.	3.2	17
10	BubbleZERO“Design, Construction and Operation of a Transportable Research Laboratory for Low Exergy Building System Evaluation in the Tropics. Energies, 2013, 6, 4551-4571.	3.1	19