

Kian Wee Chen

List of Publications by Year in descending order

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

Version: 2024-02-01

10
papers

257
citations

1163065

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h-index

1372553

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g-index

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all docs

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docs citations

10
times ranked

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. <i>Applied Energy</i> , 2021, 292, 116848.	10.1	57
2	Exploring membrane-assisted radiant cooling for designing comfortable naturally ventilated spaces in the tropics. <i>Building Research and Information</i> , 2020, , 1-13.	3.9	8
3	Membrane-assisted radiant cooling for expanding thermal comfort zones globally without air conditioning. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 21162-21169.	7.1	45
4	Globe thermometer free convection error potentials. <i>Scientific Reports</i> , 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. <i>Urban Forestry and Urban Greening</i> , 2019, 44, 126387.	5.3	15
6	Subtractive Building Massing for Performance-Based Architectural Design Exploration: A Case Study of Daylighting Optimization. <i>Sustainability</i> , 2019, 11, 6965.	3.2	16
7	Multi-objective optimisation of building form, envelope and cooling system for improved building energy performance. <i>Automation in Construction</i> , 2018, 94, 449-457.	9.8	44
8	Enabling Algorithm-Assisted Architectural Design Exploration for Computational Design Novices. <i>Computer-Aided Design and Applications</i> , 2018, 16, 269-288.	0.6	2
9	Evaluating Urban Forms for Comparison Studies in the Massing Design Stage. <i>Sustainability</i> , 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. <i>Energies</i> , 2013, 6, 4551-4571.	3.1	19