

Wenqiang Chen

List of Publications by Year in descending order

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papers

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1477746

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1281420

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11
times ranked

343
citing authors

#	ARTICLE	IF	CITATIONS
1	Radiance of the circumsolar and background parts of skydome for buildings under random obstructions. <i>Energy and Buildings</i> , 2021, 236, 110796.	3.1	3
2	Daylight luminous efficacy: An overview. <i>Solar Energy</i> , 2021, 228, 706-724.	2.9	7
3	Predicting diffuse solar irradiance on obstructed building façades under irregular skyline patterns for various ISO/CIE standard skies. <i>Journal of Building Engineering</i> , 2021, 40, 102370.	1.6	3
4	Solar energy and daylight on tilt planes under CIE standard skies. <i>Energy Reports</i> , 2020, 6, 895-905.	2.5	3
5	Estimation of hourly global solar radiation using Multivariate Adaptive Regression Spline (MARS) – A case study of Hong Kong. <i>Energy</i> , 2019, 186, 115857.	4.5	56
6	Estimating the switching frequency and energy saving for daylight-linked lighting on-off controls. <i>Energy Procedia</i> , 2019, 158, 2878-2883.	1.8	4
7	Estimation of irregular obstructed vertical sky components under various CIE skies. <i>Energy Procedia</i> , 2019, 158, 309-314.	1.8	8
8	Identifying overcast, partly cloudy and clear skies by illuminance fluctuations. <i>Renewable Energy</i> , 2019, 138, 198-211.	4.3	11
9	Performance Assessment of Algorithms for Building Energy Optimization Problems with Different Properties. <i>Sustainability</i> , 2019, 11, 18.	1.6	24
10	Tilted Photovoltaic Energy Outputs in Outdoor Environments. <i>Sustainability</i> , 2019, 11, 6052.	1.6	3
11	A review on building energy efficient design optimization from the perspective of architects. <i>Renewable and Sustainable Energy Reviews</i> , 2016, 65, 872-884.	8.2	177