

# Mengying Li

## List of Publications by Year in descending order

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18  
papers

523  
citations

840776

11  
h-index

839539

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18  
docs citations

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times ranked

490  
citing authors

#	ARTICLE	IF	CITATIONS
1	A network of sky imagers for spatial solar irradiance assessment. <i>Renewable Energy</i> , 2022, 187, 1009-1019.	8.9	8
2	Improved turbidity estimation from local meteorological data for solar resourcing and forecasting applications. <i>Renewable Energy</i> , 2022, 189, 259-272.	8.9	4
3	Estimation of high-resolution solar irradiance data using optimized semi-empirical satellite method and GOES-16 imagery. <i>Solar Energy</i> , 2022, 241, 404-415.	6.1	8
4	Intra-hour irradiance forecasting techniques for solar power integration: A review. <i>IScience</i> , 2021, 24, 103136.	4.1	27
5	Spectral solar irradiance on inclined surfaces: A fast Monte Carlo approach. <i>Journal of Renewable and Sustainable Energy</i> , 2020, 12, .	2.0	2
6	SCOPE: Spectral cloud optical property estimation using real-time GOES-R longwave imagery. <i>Journal of Renewable and Sustainable Energy</i> , 2020, 12, 026501.	2.0	6
7	Radiative cooling resource maps for the contiguous United States. <i>Journal of Renewable and Sustainable Energy</i> , 2019, 11, .	2.0	31
8	Anisotropic corrections for the downwelling radiative heat transfer flux from various types of aerosols. <i>International Journal of Heat and Mass Transfer</i> , 2019, 136, 1006-1016.	4.8	4
9	On the effective spectral emissivity of clear skies and the radiative cooling potential of selectively designed materials. <i>International Journal of Heat and Mass Transfer</i> , 2019, 135, 1053-1062.	4.8	26
10	Spectral model for clear sky atmospheric longwave radiation. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2018, 209, 196-211.	2.3	12
11	On the determination of atmospheric longwave irradiance under all-sky conditions. <i>Solar Energy</i> , 2017, 144, 40-48.	6.1	57
12	Sun-tracking imaging system for intra-hour DNI forecasts. <i>Renewable Energy</i> , 2016, 96, 792-799.	8.9	44
13	Quantitative evaluation of the impact of cloud transmittance and cloud velocity on the accuracy of short-term DNI forecasts. <i>Renewable Energy</i> , 2016, 86, 1362-1371.	8.9	45
14	Real-time prediction intervals for intra-hour DNI forecasts. <i>Renewable Energy</i> , 2015, 83, 234-244.	8.9	77
15	Analysis of Hydraulic Fracturing and Reservoir Performance in Enhanced Geothermal Systems. <i>Journal of Energy Resources Technology, Transactions of the ASME</i> , 2015, 137, .	2.3	24
16	Real-time forecasting of solar irradiance ramps with smart image processing. <i>Solar Energy</i> , 2015, 114, 91-104.	6.1	112
17	Energy analysis for guiding the design of well systems of deep Enhanced Geothermal Systems. <i>Energy</i> , 2015, 93, 1173-1188.	8.8	11
18	Comparative Analysis of Power Plant Options for Enhanced Geothermal Systems (EGS). <i>Energies</i> , 2014, 7, 8427-8445.	3.1	25