

Hyun-Jin Lee

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3406854/publications.pdf>

Version: 2024-02-01

18
papers

331
citations

933447

10
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

219
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of spectral beam splitting using Wavelength-Selective filters for Photovoltaic/Concentrated solar power hybrid plants. Applied Thermal Engineering, 2022, 201, 117823.	6.0	13
2	Parametric study about performances of a solar photovoltaic/thermal hybrid using a spectral beam splitting technique. Journal of Renewable and Sustainable Energy, 2022, 14, .	2.0	2
3	Thermal Design of a Biohydrogen Production System Driven by Integrated Gasification Combined Cycle Waste Heat Using Dynamic Simulation. Energies, 2022, 15, 2976.	3.1	1
4	Application of Semi-Empirical Models Based on Satellite Images for Estimating Solar Irradiance in Korea. Applied Sciences (Switzerland), 2021, 11, 3445.	2.5	15
5	Machine learning-based personal thermal comfort model for electric vehicles with local infrared radiant warmers. Journal of Mechanical Science and Technology, 2021, 35, 3239-3247.	1.5	9
6	Comparison of physical and machine learning models for estimating solar irradiance and photovoltaic power. Renewable Energy, 2021, 178, 1006-1019.	8.9	44
7	Performance Assessment of Global Horizontal Irradiance Models in All-Sky Conditions. Energies, 2021, 14, 7939.	3.1	4
8	A Review on Deep Learning Models for Forecasting Time Series Data of Solar Irradiance and Photovoltaic Power. Energies, 2020, 13, 6623.	3.1	112
9	Performance of a Photovoltaic/Concentrated Solar Power Hybrid System Based on the Splitting of the Solar Spectrum in Korea. Journal of the Korean Solar Energy Society, 2020, 40, 61-67.	0.4	0
10	Development of a thermal physiological model to analyze the effect of local radiant heaters in electric vehicles. Journal of Mechanical Science and Technology, 2019, 33, 3577-3584.	1.5	8
11	Simple Regression Model for Estimating Reflectance Reduction due to Random Surface Roughness. International Journal of Thermophysics, 2019, 40, 1.	2.1	4
12	Numerical analysis of hybrid photovoltaic-thermal systems utilizing different spectral bandpass filters. Renewable Energy, 2019, 144, 15-29.	8.9	13
13	Variation of Solar Photovoltaic Power Estimation due to Solar Irradiance Decomposition Models. Journal of the Korean Solar Energy Society, 2019, 39, 81-99.	0.4	3
14	Comparison of Solar Radiation Models to Estimate Direct Normal Irradiance for Korea. Energies, 2017, 10, 594.	3.1	18
15	Consistent heat transfer analysis for performance evaluation of multichannel solar absorbers. Solar Energy, 2012, 86, 1576-1585.	6.1	31
16	Measurement and Modeling of the Emittance of Silicon Wafers with Anisotropic Roughness. International Journal of Thermophysics, 2007, 28, 918-933.	2.1	25
17	Measurement and Modeling of the Bidirectional Reflectance of SiO ₂ Coated Si Surfaces. International Journal of Thermophysics, 2006, 27, 820-839.	2.1	11
18	Validity of Hybrid Models for the Bidirectional Reflectance of Coated Rough Surfaces. Journal of Thermophysics and Heat Transfer, 2005, 19, 548-557.	1.6	18