

Jong-Ho Yoon

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Impact on Renewable Design Requirements of Net-Zero Carbon Buildings under Potential Future Climate Scenarios. <i>Climate</i> , 2021, 9, 17.	1.2	8
2	Annual Analysis of Thermal and Electrical Performances of PV/T Solar Hot Water Systems in Apartments. <i>Journal of the Korean Solar Energy Society</i> , 2021, 41, 107-118.	0.1	0
3	The Impact of Cracks in BIPV Modules on Power Outputs: A Case Study Based on Measured and Simulated Data. <i>Energies</i> , 2021, 14, 836.	1.6	6
4	Heating Energy Performance of Heated Glass According to Insulation Level of the Residential Building. <i>Journal of the Korean Solar Energy Society</i> , 2021, 41, 73-84.	0.1	3
5	Design optimization and experimental evaluation of photovoltaic double skin facade. <i>Energy and Buildings</i> , 2019, 202, 109314.	3.1	18
6	Effective Application of Urban Renewable Energy System for Smart Energy City: Case Study of Sejong 5-1 Smart Energy City. , 2019, , .		3
7	Performance Evaluation and Prediction of BIPV Systems under Partial Shading Conditions Using Normalized Efficiency. <i>Energies</i> , 2019, 12, 3777.	1.6	5
8	Power Performance Loss Factor Analysis of the a-Si BIPV Window System Based on the Measured Data of the BIPV Test Facility. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 1645.	1.3	7
9	Power performance analysis of a transparent DSSC BIPV window based on 2 year measurement data in a full-scale mock-up. <i>Applied Energy</i> , 2018, 225, 1013-1021.	5.1	77
10	Comparative investigation on building energy performance of double skin facade (DSF) with interior or exterior slat blinds. <i>Journal of Building Engineering</i> , 2018, 20, 411-423.	1.6	35
11	Operational power performance of south-facing vertical BIPV window system applied in office building. <i>Solar Energy</i> , 2017, 145, 66-77.	2.9	47
12	Comparative experimental study on heating and cooling energy performance of spectrally selective glazing. <i>Solar Energy</i> , 2017, 145, 78-89.	2.9	10
13	Energy Performance Assessment of a 2nd-Generation Vacuum Double Glazing Depending on Vacuum Layer Position and Building Type in South Korea. <i>Energies</i> , 2017, 10, 1240.	1.6	5
14	A Comparative Experiment on Thermal Stress Failure of Vacuum Glazing applied in Curtain Wall at Spandrel area. <i>KIEAE Journal</i> , 2016, 16, 121-128.	0.1	1
15	An empirical study of performance characteristics of BIPV (Building Integrated Photovoltaic) system for the realization of zero energy building. <i>Energy</i> , 2014, 66, 25-34.	4.5	55
16	Supply air temperature impact in underfloor air distribution systems under Korean climatic conditions: Energy, humidity and comfort. <i>Energy and Buildings</i> , 2013, 58, 363-371.	3.1	9
17	An experimental study on the annual surface temperature characteristics of amorphous silicon BIPV window. <i>Energy and Buildings</i> , 2013, 62, 166-175.	3.1	54
18	Automated control strategies of inside slat-type blind considering visual comfort and building energy performance. <i>Energy and Buildings</i> , 2012, 55, 728-737.	3.1	65

#	ARTICLE	IF	CITATIONS
19	Practical application of building integrated photovoltaic (BIPV) system using transparent amorphous silicon thin-film PV module. <i>Solar Energy</i> , 2011, 85, 723-733.	2.9	158
20	Power output analysis of transparent thin-film module in building integrated photovoltaic system (BIPV). <i>Energy and Buildings</i> , 2008, 40, 2067-2075.	3.1	86
21	Development of a Ventilation Performance Prediction Equation for Korean Multi-Family Housing Units Using Airflow Analysis. <i>Journal of Asian Architecture and Building Engineering</i> , 2006, 5, 369-375.	1.2	2
22	A study on the design and analysis of a heat pump heating system using wastewater as a heat source. <i>Solar Energy</i> , 2005, 78, 427-440.	2.9	122
23	Calibration Procedure for Energy Performance Simulation of a Commercial Building. <i>Journal of Solar Energy Engineering, Transactions of the ASME</i> , 2003, 125, 251-257.	1.1	81