

# Jong-Ho Yoon

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1827261/publications.pdf>

Version: 2024-02-01

23  
papers

857  
citations

840119

11  
h-index

713013

21  
g-index

23  
all docs

23  
docs citations

23  
times ranked

909  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | 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       |
| 2  | 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       |
| 3  | 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        |
| 4  | 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        |
| 5  | 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        |
| 6  | 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        |
| 7  | 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        |
| 8  | 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        |
| 9  | 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        |
| 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 | Design optimization and experimental evaluation of photovoltaic double skin facade. <i>Energy and Buildings</i> , 2019, 202, 109314.  | 3.1 | 18        |
| 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 | 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         |
| 14 | Impact on Renewable Design Requirements of Net-Zero Carbon Buildings under Potential Future Climate Scenarios. <i>Climate</i> , 2021, 9, 17.  | 1.2 | 8         |
| 15 | 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         |
| 16 | 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         |
| 17 | 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         |
| 18 | Performance Evaluation and Prediction of BIPV Systems under Partial Shading Conditions Using Normalized Efficiency. <i>Energies</i> , 2019, 12, 3777.                                   | 1.6 | 5         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Effective Application of Urban Renewable Energy System for Smart Energy City: Case Study of Sejong 5-1 Smart Energy City. , 2019, , .  |     | 3         |
| 20 | Heating Energy Performance of Heated Glass According to Insulation Level of the Residential Building. Journal of the Korean Solar Energy Society, 2021, 41, 73-84.                                   | 0.1 | 3         |
| 21 | Development of a Ventilation Performance Prediction Equation for Korean Multi-Family Housing Units Using Airflow Analysis. Journal of Asian Architecture and Building Engineering, 2006, 5, 369-375. | 1.2 | 2         |
| 22 | A Comparative Experiment on Thermal Stress Failure of Vacuum Glazing applied in Curtain Wall at Spandrel area. KIEAE Journal, 2016, 16, 121-128.   | 0.1 | 1         |
| 23 | Annual Analysis of Thermal and Electrical Performances of PV/T Solar Hot Water Systems in Apartments. Journal of the Korean Solar Energy Society, 2021, 41, 107-118.                                 | 0.1 | 0         |