Seung-Yeong Song

List of Publications by Year
in descending order

38 papers	358 citations	932766 10 h-index	839053 18 g-index
38 all docs	38 docs citations	38 times ranked	270 citing authors

#	Article	IF	Citations
1	Determinants of residential end-use energy: Effects of buildings, sociodemographics, and household appliances. Energy and Buildings, 2022, 257, 111782.	3.1	14
2	Time-series analysis of the effects of building and household features on residential end-use energy. Applied Energy, 2022, 312, 118722.	5.1	6
3	Insulation Performance Comparison of Curtain Wall Systems with Existing Pipe Frames and Truss-Shaped Insulation Frames. Energies, 2021, 14, 4682.	1.6	2
4	Estimation of energy use and CO2 emission intensities by end use in South Korean apartment units based on in situ measurements. Energy and Buildings, 2020, 207, 109603.	3.1	9
5	Detailed Office Building Energy Information Based on In Situ Measurements. Energies, 2020, 13, 3050.	1.6	2
6	Comparison of linear and nonlinear statistical models for analyzing determinants of residential energy consumption. Energy and Buildings, 2020, 223, 110226.	3.1	14
7	Residential End-Use Energy Estimation Models in Korean Apartment Units through Multiple Regression Analysis. Energies, 2019, 12, 2327.	1.6	8
8	Analysis of Annual Energy Use Intensities (EUIs) by End-Use in Apartment Units According to Stratification Variables (2017 â€“ 2018). E3S Web of Conferences, 2019, 111, 04013.	0.2	0
9	Thermally improved triple-glazing windows considering the condensation resistance (TDR) and thermal transmittance (U-factor) to meet Korean standards. Building Simulation, 2019, 12, 87-98.	3.0	2
10	Evaluation of Alternatives for Improving the Thermal Resistance of Window Glazing Edges. Energies, 2019, 12, 244.	1.6	6
11	Effect of Surface Thermal Resistance on the Simulation Accuracy of the Condensation Risk Assessment for a High-Performance Window. Energies, 2018, 11, 382.	1.6	10
12	Case Study on the Inspection and Repair of Window Condensation Problems in a New Apartment Complex. Journal of Performance of Constructed Facilities, 2018, 32, .	1.0	2
13	Empirical Validation of Heat Transfer Performance Simulation of Graphite/PCM Concrete Materials for Thermally Activated Building System. International Journal of Polymer Science, 2017, 2017, 1-9.	1.2	5
14	Influence of Drainage Holes on Condensation Risk and Air-tightness of Windows. An Experimental Case Study of Triple Glazing PVC Windows. Journal of Asian Architecture and Building Engineering, 2017, 16, 83-90.	1.2	2
15	Measurement and Normalization Methods to Provide Detailed Information on Energy Consumption by Usage in Apartment Buildings. Energy Procedia, 2016, 96, 881-894.	1.8	8
16	Evaluation of the Thermal Environment for Condensation and Mold Problem Diagnosis Around Built-in Furniture in Korean Apartment Buildings during Summer and Winter. Energy Procedia, 2016, 96, 601-612.	1.8	11
17	Thermal Insulation Performance of Metal-exterior Curtain Wall Panel Systems with Thermal Bridges in Winter. Procedia Engineering, 2016, 146, 8-16.	1.2	4
18	Condensation Resistance Evaluation of a Double-sliding Window System for Apartment Buildings. Procedia Engineering, 2016, 146, 60-68.	1.2	11

#	Article	IF	Citations
19	Analysis of Building Energy Savings Potential for Metal Panel Curtain Wall Building by Reducing Thermal Bridges at Joints Between Panels. Energy Procedia, 2016, 96, 696-709.	1.8	11
20	Evaluation of alternatives for reducing thermal bridges in metal panel curtain wall systems. Energy and Buildings, 2016, 127, 138-158.	3.1	26
21	Preliminary Findings from an Analysis of Lighting Energy Use of Office Building in Korea. , 2016, , .		0
22	Comparison of Surface Thermal Resistance Conditions for the Condensation Resistance Assessment of Windows Using Simulation. Journal of the Architectural Institute of Korea Planning & Design, 2016, 32, 113-120.	0.1	1
23	Heating Performance and Occupantsâ€² Comfort Sensation of Low temperature Radiant Floor Heating System in Apartment Buildings of Korea. Journal of Asian Architecture and Building Engineering, 2015, 14, 733-740.	1.2	2
24	Influence of Thermal Bridges on the Insulation Performance of Curtain Wall Panel Systems. Journal of Asian Architecture and Building Engineering, 2015, 14, 741-748.	1.2	4
25	Analysis of Needs for Building Envelope Insulation Regulations Reflecting the Thermal Bridging Effects through Similar Regulations Review and Case Study. Journal of the Architectural Institute of Korea Planning & Design, 2015, 31, 303-312.	0.1	2
26	Energy, Condensation Risk and Constructability Evaluation of Metal-Exterior Curtain Wall Panel Systems for Reducing Heat Loss through Thermal Bridges. Journal of the Architectural Institute of Korea Planning & Design, 2015, 31, 283-293.	0.1	2
27	Evaluation of Mechanically and Adhesively Fixed External Insulation Systems Using Vacuum Insulation Panels for High-Rise Apartment Buildings. Energies, 2014, 7, 5764-5786.	1.6	16
28	Development of operational guidelines for thermally activated building system according to heating and cooling load characteristics. Applied Energy, 2014, 126, 123-135.	5.1	33
29	Effectiveness of a thermal labyrinth ventilation system using geothermal energy: A case study of an educational facility in South Korea. Energy for Sustainable Development, 2014, 23, 150-164.	2.0	5
30	Energy Consumption status of Apartment Buildings and Influence of Various Factors on Energy Consumption. Journal of the Korean Solar Energy Society, 2014, 34, 93-102.	0.1	7
31	Improvement of Design Criteria in Heating and Cooling Equipment According to the Consolidation of Design Standard for Energy Saving in Apartment Buildings of Korea. Journal of the Korean Solar Energy Society, 2014, 34, 89-97.	0.1	1
32	Characteristic of Thermal Output of Thermally Activated Building System During the Heating Operation According to FDM Analysis. Korean Journal of Air-Conditioning and Refrigeration Engineering, 2012, 24, 218-223.	0.1	1
33	Energy Efficiency Analysis of Internally and Externally Insulated Apartment Buildings. Journal of Asian Architecture and Building Engineering, 2011, 10, 453-459.	1.2	6
34	Cost Efficiency Analysis of Design Variables for Energy-efficient Apartment Complexes. Journal of Asian Architecture and Building Engineering, 2010, 9, 515-522.	1.2	6
35	Insulation plan of aluminum curtain wall-fastening unit for high-rise residential complex. Building and Environment, 2008, 43, 1310-1317.	3.0	9
36	Characteristics of pressure distribution and solution to the problems caused by stack effect in high-rise residential buildings. Building and Environment, 2007, 42, 263-277.	3.0	76

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37	Subacute toxicity evaluation in rats exposed to concrete and hwangto building environments. Environmental Toxicology, 2007, 22, 264-274.	2.1	6
38	Evaluation of inside surface condensation in double glazing window system with insulation spacer: A case study of residential complex. Building and Environment, 2007, 42, 940-950.	3.0	28