

Seyedmohammadreza Heibati

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

278
citations

1039406

9
h-index

940134

16
g-index

17
all docs

17
docs citations

17
times ranked

337
citing authors

#	ARTICLE	IF	CITATIONS
1	An optimal versatile control approach for plug-in electric vehicles to integrate renewable energy sources and smart grids. <i>Energy</i> , 2017, 134, 1053-1067.	4.5	69
2	Feasibility study of applying internal combustion engines in residential buildings by exergy, economic and environmental analysis. <i>Energy and Buildings</i> , 2012, 55, 405-413.	3.1	45
3	Techno-economic evaluation of standalone hybrid solar-wind systems for small residential districts in the central desert of Iran. <i>Environmental Progress and Sustainable Energy</i> , 2017, 36, 1194-1207.	1.3	41
4	Assessing the Energy and Indoor Air Quality Performance for a Three-Story Building Using an Integrated Model, Part One: The Need for Integration. <i>Energies</i> , 2019, 12, 4775.	1.6	17
5	Integrated dynamic modeling for energy optimization in the building: Part 1: The development of the model. <i>Journal of Building Physics</i> , 2013, 37, 28-54.	1.2	16
6	An enhanced operation model for energy storage system of a typical combined cool, heat and power based on demand response program: The application of mixed integer linear programming. <i>Building Services Engineering Research and Technology</i> , 2019, 40, 47-74.	0.9	15
7	Developing operation of combined cooling, heat, and power system based on energy hub in a micro-energy grid: The application of energy storages. <i>Energy and Environment</i> , 2019, 30, 1356-1379.	2.7	14
8	An assessment of the effect of different energy storage technologies on solar power generators for different power sale scenarios: The case of Iran. <i>Sustainable Energy Technologies and Assessments</i> , 2019, 34, 62-67.	1.7	14
9	Assessing the Energy, Indoor Air Quality, and Moisture Performance for a Three-Story Building Using an Integrated Model, Part Two: Integrating the Indoor Air Quality, Moisture, and Thermal Comfort. <i>Energies</i> , 2021, 14, 4915.	1.6	12
10	Developing a model for predicting optimum daily tilt angle of a PV solar system at different geometric, physical and dynamic parameters. <i>Advances in Building Energy Research</i> , 2021, 15, 179-198.	1.1	10
11	Integrated dynamic modeling for energy optimization in the building: Part 2: An application of the model to analysis of XYZ building. <i>Journal of Building Physics</i> , 2013, 37, 153-169.	1.2	9
12	Using Angstrom-Prescott (A-P) Method for Estimating Monthly Global Solar Radiation in Kashan. <i>Journal of Fundamentals of Renewable Energy and Applications</i> , 2016, 6, .	0.2	5
13	Assessing the Energy, Indoor Air Quality, and Moisture Performance for a Three-Story Building Using an Integrated Model, Part Three: Development of Integrated Model and Applications. <i>Energies</i> , 2021, 14, 5648.	1.6	5
14	Optimal sizing of a hybrid energy system for a semi-arid climate using an evolutionary algorithm. <i>International Journal of Renewable Energy Technology</i> , 2014, 5, 394.	0.2	3
15	Building Energy and IAQ improvement by Coupled Model. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 609, 042102.	0.3	2
16	Solar energy is the best alternative energy. <i>MOJ Solar and Photoenergy Systems</i> , 2017, 1, .	0.0	1