

Ghassan Zubi

List of Publications by Year in descending order

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15
papers

2,029
citations

687220

13
h-index

996849

15
g-index

15
all docs

15
docs citations

15
times ranked

2777
citing authors

#	ARTICLE	IF	CITATIONS
1	The lithium-ion battery: State of the art and future perspectives. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 89, 292-308.	8.2	1,542
2	High concentration photovoltaic systems applying III-V cells. <i>Renewable and Sustainable Energy Reviews</i> , 2009, 13, 2645-2652.	8.2	91
3	Techno-economic assessment of an off-grid PV system for developing regions to provide electricity for basic domestic needs: A 2020-2040 scenario. <i>Applied Energy</i> , 2016, 176, 309-319.	5.1	86
4	The unlocked potential of solar home systems; an effective way to overcome domestic energy poverty in developing regions. <i>Renewable Energy</i> , 2019, 132, 1425-1435.	4.3	58
5	Photovoltaic thermal hybrid solar collector and district heating configurations for a Central European multi-family house. <i>Energy Conversion and Management</i> , 2017, 148, 915-924.	4.4	44
6	Tecno-economic assessment of an off-grid PV-powered community kitchen for developing regions. <i>Applied Energy</i> , 2012, 91, 255-262.	5.1	39
7	Concept development and techno-economic assessment for a solar home system using lithium-ion battery for developing regions to provide electricity for lighting and electronic devices. <i>Energy Conversion and Management</i> , 2016, 122, 439-448.	4.4	36
8	Development and assessment of a solar home system to cover cooking and lighting needs in developing regions as a better alternative for existing practices. <i>Solar Energy</i> , 2017, 155, 7-17.	2.9	27
9	Technology mix alternatives with high shares of wind power and photovoltaics—case study for Spain. <i>Energy Policy</i> , 2011, 39, 8070-8077.	4.2	24
10	Lithium-ion battery-packs for solar home systems: Layout, cost and implementation perspectives. <i>Journal of Energy Storage</i> , 2020, 32, 101985.	3.9	24
11	Wind energy (30%) in the Spanish power mix—technically feasible and economically reasonable. <i>Energy Policy</i> , 2009, 37, 3221-3226.	4.2	20
12	A multi-criteria and multi-expert decision aid approach to evaluate the future Turkish power plant portfolio. <i>Energy Policy</i> , 2018, 119, 654-665.	4.2	14
13	Contract design of direct-load control programs and their optimal management by genetic algorithm. <i>Energy</i> , 2019, 186, 115807.	4.5	14
14	Novel probabilistic optimization model for lead-acid and vanadium redox flow batteries under real-time pricing programs. <i>International Journal of Electrical Power and Energy Systems</i> , 2018, 97, 72-84.	3.3	9
15	Embedding quasi-static time series within a genetic algorithm for stochastic optimization: the case of reactive power compensation on distribution systems. <i>Journal of Computational Design and Engineering</i> , 2020, 7, 177-194.	1.5	1