

Tania Urmee

List of Publications by Year in descending order

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71
papers

3,010
citations

147801

31
h-index

168389

53
g-index

73
all docs

73
docs citations

73
times ranked

3013
citing authors

#	ARTICLE	IF	CITATIONS
1	Predictive modelling and optimization of HVAC systems using neural network and particle swarm optimization algorithm. <i>Building and Environment</i> , 2022, 209, 108681.	6.9	34
2	Reviewing the scope and thematic focus of 100,000 publications on energy consumption, services and social aspects of climate change: a big data approach to demand-side mitigation [*]. <i>Environmental Research Letters</i> , 2021, 16, 033001.	5.2	34
3	An assessment of energy policy impacts on achieving Sustainable Development Goal 7 in Indonesia. <i>Energy for Sustainable Development</i> , 2020, 59, 33-48.	4.5	35
4	Evaluation of real-life demand-controlled ventilation from the perception of indoor air quality with probable implications. <i>Energy and Buildings</i> , 2020, 219, 110018.	6.7	14
5	Comparison of energy scenario alternatives for Chile: Towards low-carbon energy transition by 2030. <i>Energy</i> , 2020, 206, 118021.	8.8	28
6	Opportunities and challenges of energy service companies to promote energy efficiency programs in Indonesia. <i>Energy</i> , 2020, 205, 117603.	8.8	17
7	PV system defects identification using Remotely Piloted Aircraft (RPA) based infrared (IR) imaging: A review. <i>Solar Energy</i> , 2020, 206, 579-595.	6.1	47
8	An analysis of additional energy requirement to meet the sustainable development goals. <i>Journal of Cleaner Production</i> , 2020, 272, 122646.	9.3	27
9	Implications of the Sustainable Development Goals on national energy demand: The case of Indonesia. <i>Energy</i> , 2020, 196, 117100.	8.8	35
10	The effect of aggregation on city sustainability rankings. <i>Ecological Indicators</i> , 2020, 112, 106076.	6.3	9
11	Planning of off-grid power supply systems in remote areas using multi-criteria decision analysis. <i>Energy</i> , 2020, 201, 117580.	8.8	31
12	Urban wind conditions and small wind turbines in the built environment: A review. <i>Renewable Energy</i> , 2019, 131, 268-283.	8.9	118
13	Potentials and opportunities for low carbon energy transition in Vietnam: A policy analysis. <i>Energy Policy</i> , 2019, 134, 110818.	8.8	47
14	An energy flow simulation tool for incorporating short-term PV forecasting in a diesel-PV-battery off-grid power supply system. <i>Applied Energy</i> , 2019, 254, 113718.	10.1	26
15	Tuning approach of dynamic control strategy of temperature set-point for existing commercial buildings. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 609, 062029.	0.6	2
16	Review and assessment of energy policy developments in Chile. <i>Energy Policy</i> , 2019, 127, 87-101.	8.8	51
17	The effect of dust with different morphologies on the performance degradation of photovoltaic modules. <i>Sustainable Energy Technologies and Assessments</i> , 2019, 31, 347-354.	2.7	63
18	From goals to joules: A quantitative approach of interlinkages between energy and the Sustainable Development Goals. <i>Energy Research and Social Science</i> , 2019, 50, 201-214.	6.4	128

#	ARTICLE	IF	CITATIONS
19	Development of Energy Service Company (ESCO) Market to Promote Energy Efficiency Programmes in Developing Countries. <i>Innovative Renewable Energy</i> , 2018, , 283-294.	0.4	0
20	A preliminary feasibility of roof-mounted solar PV systems in the Maldives. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 83, 18-32.	16.4	75
21	A policy framework and industry roadmap model for sustainable oil palm biomass electricity generation in Malaysia. <i>Renewable Energy</i> , 2018, 128, 275-284.	8.9	48
22	Energy and economic losses caused by dust on residential photovoltaic (PV) systems deployed in different climate areas. <i>Renewable Energy</i> , 2018, 120, 401-412.	8.9	49
23	Modeling techniques used in building HVAC control systems: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 83, 64-84.	16.4	232
24	Using Expertsâ€™ Opinions and Multi-Criteria Decision Analysis to Determine the Weighing of Criteria Employed in Planning Remote Area Microgrids. , 2018, , .		11
25	Sustainable energy for all: Impacts of Sustainable Development Goals implementation on household sector energy demand in Indonesia. , 2018, , .		3
26	An Assessment of Incentives Combination for Solar Energy Technologies-A Case Study for Chile. , 2018, , .		3
27	Modelling of ASEAN Power Grid Using Publicly Available Data. , 2018, , .		5
28	Real-time prediction model for indoor temperature in a commercial building. <i>Applied Energy</i> , 2018, 231, 29-53.	10.1	80
29	Solar water heaters uptake in Australia â€œ Issues and barriers. <i>Sustainable Energy Technologies and Assessments</i> , 2018, 30, 11-23.	2.7	16
30	Seasonal effect of dust on the degradation of PV modules performance deployed in different climate areas. <i>Renewable Energy</i> , 2017, 111, 105-115.	8.9	85
31	Technical challenges of PV deployment into remote Australian electricity networks: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 77, 1309-1325.	16.4	55
32	Modelling the structural loading of a small wind turbine at a highly turbulent site via modifications to the Kaimal turbulence spectra. <i>Renewable Energy</i> , 2017, 105, 288-300.	8.9	23
33	Technological Advancement of Energy Management Facility of Institutional Buildings: A Case Study. <i>Energy Procedia</i> , 2017, 142, 3088-3095.	1.8	9
34	Prediction of Indoor Temperature in an Institutional Building. <i>Energy Procedia</i> , 2017, 142, 1860-1866.	1.8	30
35	A comprehensive techno-economic and power quality analysis of a remote PV-diesel system in Australia. <i>Renewable Energy and Environmental Sustainability</i> , 2017, 2, 24.	1.4	9
36	The renewable energy household lighting for Chibayish inhabitantâ€™s in Iraq. <i>Renewable Energy and Environmental Sustainability</i> , 2017, 2, 15.	1.4	3

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37	Influence of occupancy on building energy performance: a case study from social housing dwellings in Perth, Western Australia. <i>Renewable Energy and Environmental Sustainability</i> , 2017, 2, 44.	1.4	2
38	A design consideration for solar PV-diesel remote electricity network: Australia perspective. , 2016, , .		13
39	Dust Effect and its Economic Analysis on PV Modules Deployed in a Temperate Climate Zone. <i>Energy Procedia</i> , 2016, 100, 65-68.	1.8	51
40	Photovoltaics for Rural Electrification in Developing Countries. <i>Green Energy and Technology</i> , 2016, , .	0.6	11
41	Incorporating the institutions' perspective into a proposed model for assessing success of solar home system implementations. , 2016, , .		4
42	Identifying the determinants of residential electricity consumption for social housing in Perth, Western Australia. <i>Energy and Buildings</i> , 2016, 133, 403-413.	6.7	44
43	Examining the potential for developing women-led solar PV enterprises in rural Myanmar. <i>Renewable and Sustainable Energy Reviews</i> , 2016, 57, 576-583.	16.4	13
44	Social, cultural and political dimensions of off-grid renewable energy programs in developing countries. <i>Renewable Energy</i> , 2016, 93, 159-167.	8.9	95
45	Success and Sustainability Criteria and Issues for SHS Programmes. <i>Green Energy and Technology</i> , 2016, , 79-107.	0.6	0
46	Programme Evaluation. <i>Green Energy and Technology</i> , 2016, , 109-205.	0.6	0
47	Framework for Successful Implementation of SHS Programme. <i>Green Energy and Technology</i> , 2016, , 207-236.	0.6	0
48	Solar Home Systemsâ€™A Description of the Technology and Its Applications. <i>Green Energy and Technology</i> , 2016, , 17-48.	0.6	0
49	A model to evaluate the success of Solar Home Systems. <i>Renewable and Sustainable Energy Reviews</i> , 2015, 50, 245-255.	16.4	26
50	Rooftop wind monitoring campaigns for small wind turbine applications: Effect of sampling rate and averaging period. <i>Renewable Energy</i> , 2015, 77, 320-330.	8.9	28
51	Extent to which international wind turbine design standard, IEC61400-2 is valid for a rooftop wind installation. <i>Journal of Wind Engineering and Industrial Aerodynamics</i> , 2015, 139, 50-61.	3.9	19
52	The contribution of dust to performance degradation of PV modules in a temperate climate zone. <i>Solar Energy</i> , 2015, 120, 147-157.	6.1	133
53	Issues of small scale renewable energy systems installed in rural Soum centres in Mongolia. <i>Energy for Sustainable Development</i> , 2015, 27, 1-9.	4.5	18
54	Incorporating the user perspective into a proposed model for assessing success of SHS implementations. <i>AIMS Energy</i> , 2015, 3, 679-698.	1.9	0

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55	Sustainable electricity generation from oil palm biomass wastes in Malaysia: An industry survey. <i>Energy</i> , 2014, 67, 496-505.	8.8	45
56	Performance and safety of rooftop wind turbines: Use of CFD to gain insight into inflow conditions. <i>Renewable Energy</i> , 2014, 67, 242-251.	8.9	67
57	A review of improved Cookstove technologies and programs. <i>Renewable and Sustainable Energy Reviews</i> , 2014, 33, 625-635.	16.4	103
58	Generating renewable energy from oil palm biomass in Malaysia: The Feed-in Tariff policy framework. <i>Biomass and Bioenergy</i> , 2014, 62, 37-46.	5.7	52
59	Importance of individual capacity building for successful solar program implementation: A case study in the Philippines. <i>Renewable Energy</i> , 2014, 71, 176-184.	8.9	16
60	Strengthening the palm oil biomass Renewable Energy industry in Malaysia. <i>Renewable Energy</i> , 2013, 60, 107-115.	8.9	91
61	Residential peak electricity demand response—Highlights of some behavioural issues. <i>Renewable and Sustainable Energy Reviews</i> , 2013, 25, 71-77.	16.4	206
62	Prospects and Problems of Increasing Electricity Production from Mid-Size Renewable Energy Generation on the South-West Interconnected System (SWIS) in WA. <i>Procedia Engineering</i> , 2012, 49, 57-65.	1.2	1
63	The Role of Micro Hydro Power Systems in Remote Rural Electrification: A Case Study in The Bawan Valley, Borneo. <i>Procedia Engineering</i> , 2012, 49, 189-196.	1.2	26
64	The solar home PV program in Fiji — A successful RESCO approach?. <i>Renewable Energy</i> , 2012, 48, 499-506.	8.9	27
65	Options for off-grid electrification in the Kingdom of Bhutan. <i>Renewable Energy</i> , 2012, 45, 51-58.	8.9	43
66	Energy efficiency status of the community housing in Australia. <i>Renewable and Sustainable Energy Reviews</i> , 2012, 16, 1916-1925.	16.4	17
67	Determinants of the success and sustainability of Bangladesh's SHS program. <i>Renewable Energy</i> , 2011, 36, 2822-2830.	8.9	58
68	Life cycle assessment of a community hydroelectric power system in rural Thailand. <i>Renewable Energy</i> , 2011, 36, 2799-2808.	8.9	74
69	A survey of solar PV program implementers in Asia and the Pacific regions. <i>Energy for Sustainable Development</i> , 2009, 13, 24-32.	4.5	52
70	Issues related to rural electrification using renewable energy in developing countries of Asia and Pacific. <i>Renewable Energy</i> , 2009, 34, 354-357.	8.9	190
71	Design and fabrication of low cost solar water heaters. <i>Renewable Energy</i> , 1996, 9, 609-612.	8.9	3