

Nazmiye Balta-Ozkan

List of Publications by Year in descending order

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39
papers

1,955
citations

331670

21
h-index

395702

33
g-index

39
all docs

39
docs citations

39
times ranked

1858
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatio-temporal modelling of solar photovoltaic adoption: An integrated neural networks and agent-based modelling approach. <i>Applied Energy</i> , 2022, 305, 117949.	10.1	8
2	A holistic risk management framework for renewable energy investments. <i>Renewable and Sustainable Energy Reviews</i> , 2022, 160, 112305.	16.4	28
3	Homes of the future: Unpacking public perceptions to power the domestic hydrogen transition. <i>Renewable and Sustainable Energy Reviews</i> , 2022, 164, 112481.	16.4	30
4	Energy transition at local level: Analyzing the role of peer effects and socio-economic factors on UK solar photovoltaic deployment. <i>Energy Policy</i> , 2021, 148, 112004.	8.8	56
5	Design Optimization of Supercritical Carbon Dioxide (s-CO ₂) Cycles for Waste Heat Recovery From Marine Engines. <i>Journal of Energy Resources Technology, Transactions of the ASME</i> , 2021, 143, .	2.3	11
6	Post subsidy conditions: Evaluating the techno-economic performance of concentrating solar power in Spain. <i>Solar Energy</i> , 2021, 218, 571-586.	6.1	11
7	Optimising renewable energy integration in new housing developments with low carbon technologies. <i>Renewable Energy</i> , 2021, 169, 527-540.	8.9	30
8	Assessment of Rooftop Solar Power Generation to Meet Residential Loads in the City of Neom, Saudi Arabia. <i>Energies</i> , 2021, 14, 3805.	3.1	14
9	Techno-economic optimisation of battery storage for grid-level energy services using curtailed energy from wind. <i>Journal of Energy Storage</i> , 2021, 39, 102641.	8.1	17
10	Can Compulsory Ecological Compensation for Land Damaged by Mining Activities Mitigate CO ₂ Emissions in China?. <i>Frontiers in Environmental Science</i> , 2021, 9, .	3.3	1
11	FAR out? An examination of converging, diverging and intersecting smart grid futures in the United Kingdom. <i>Energy Research and Social Science</i> , 2020, 70, 101675.	6.4	7
12	One technology, two pathways? Strategic Niche Management and the diverging diffusion of concentrated solar power in South Africa and the United States. <i>Energy Research and Social Science</i> , 2020, 69, 101729.	6.4	20
13	Social Science Sequestered. <i>Frontiers in Climate</i> , 2020, 2, .	2.8	33
14	Techno-environmental analysis of battery storage for grid level energy services. <i>Renewable and Sustainable Energy Reviews</i> , 2020, 131, 110018.	16.4	27
15	An innovative viable model for community-owned solar PV projects without FIT: Comprehensive techno-economic assessment. <i>Energy Policy</i> , 2020, 146, 111727.	8.8	15
16	The effect of concentrated solar power plants on the socio-economic and livelihood assets of the local community and environment. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	0
17	Modelling and simulation of steel reheating processes under oxy-fuel combustion conditions " Technical and environmental perspectives. <i>Energy</i> , 2019, 185, 730-743.	8.8	14
18	Control of Supercritical Organic Rankine Cycle based Waste Heat Recovery System Using Conventional and Fuzzy Self-tuned PID Controllers. <i>International Journal of Control, Automation and Systems</i> , 2019, 17, 2969-2981.	2.7	13

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19	Feasibility Study of Biomass Gasification Integrated with Reheating Furnaces in Steelmaking Process. DEStech Transactions on Environment Energy and Earth Science, 2019, , .	0.0	0
20	Innovative network pricing to support the transition to a smart grid in a low-carbon economy. Energy Policy, 2018, 116, 210-219.	8.8	32
21	Spatial variation in energy attitudes and perceptions: Evidence from Europe. Renewable and Sustainable Energy Reviews, 2018, 81, 2160-2180.	16.4	17
22	Optimal Scheduling of Multi-Carrier Energy Networks Considering Liquid Air Energy Storage. , 2018, , .		3
23	Reducing industrial energy demand in the UK: A review of energy efficiency technologies and energy saving potential in selected sectors. Renewable and Sustainable Energy Reviews, 2018, 94, 1153-1178.	16.4	110
24	Sources of risk and uncertainty in UK smart grid deployment: An expert stakeholder analysis. Energy, 2018, 161, 1-9.	8.8	23
25	Fuzzy Nonlinear Dynamic Evaporator Model in Supercritical Organic Rankine Cycle Waste Heat Recovery Systems. Energies, 2018, 11, 901.	3.1	12
26	The prospects of zero-packaging grocery stores to improve the social and environmental impacts of the food supply chain. Journal of Cleaner Production, 2017, 140, 1528-1541.	9.3	143
27	UK smart grid development: An expert assessment of the benefits, pitfalls and functions. Renewable Energy, 2015, 81, 89-102.	8.9	61
28	Regional distribution of photovoltaic deployment in the UK and its determinants: A spatial econometric approach. Energy Economics, 2015, 51, 417-429.	12.1	126
29	Spatially uneven development and low carbon transitions: Insights from urban and regional planning. Energy Policy, 2015, 85, 500-510.	8.8	97
30	A comparison of consumer perceptions towards smart homes in the UK, Germany and Italy: reflections for policy and future research. Technology Analysis and Strategic Management, 2014, 26, 1176-1195.	3.5	109
31	Policy and regulation for smart grids in the United Kingdom. Renewable and Sustainable Energy Reviews, 2014, 40, 269-286.	16.4	40
32	European smart home market development: Public views on technical and economic aspects across the United Kingdom, Germany and Italy. Energy Research and Social Science, 2014, 3, 65-77.	6.4	132
33	Social barriers to the adoption of smart homes. Energy Policy, 2013, 63, 363-374.	8.8	443
34	The development of smart homes market in the UK. Energy, 2013, 60, 361-372.	8.8	112
35	Spatial development of hydrogen economy in a low-carbon UK energy system. International Journal of Hydrogen Energy, 2013, 38, 1209-1224.	7.1	41
36	The impact of temperature disparity on emergency readmissions and patient flows. , 2011, , .		0

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37	An approach to exploring the effect of weather variations on chronic disease incidence rate and potential changes in future health systems. , 2010, , .		1
38	Soft-linking energy systems and GIS models to investigate spatial hydrogen infrastructure development in a low-carbon UK energy system. International Journal of Hydrogen Energy, 2009, 34, 642-657.	7.1	85
39	Modeling Unexpected Events in Temporally Disaggregated Econometric Inputâ€“Output Models of Regional Economies. Economic Systems Research, 2007, 19, 125-145.	2.7	33