Nazmiye Balta-Ozkan

List of Publications by Year
in descending order

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	Social barriers to the adoption of smart homes. Energy Policy, 2013, 63, 363-374.	8.8	443
2	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
3	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
4	Regional distribution of photovoltaic deployment in the UK and its determinants: A spatial econometric approach. Energy Economics, 2015, 51, 417-429.	12.1	126
5	The development of smart homes market in the UK. Energy, 2013, 60, 361-372.	8.8	112
6	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
7	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
8	Spatially uneven development and low carbon transitions: Insights from urban and regional planning. Energy Policy, 2015, 85, 500-510.	8.8	97
9	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
10	UK smart grid development: An expert assessment of the benefits, pitfalls and functions. Renewable Energy, 2015, 81, 89-102.	8.9	61
11	Energy transition at local level: Analyzing the role of peer effects and socio-economic factors on UK solar photovoltaic deployment. Energy Policy, 2021, 148, 112004.	8.8	56
12	Spatial development of hydrogen economy in a low-carbon UK energy system. International Journal of Hydrogen Energy, 2013, 38, 1209-1224.	7.1	41
13	Policy and regulation for smart grids in the United Kingdom. Renewable and Sustainable Energy Reviews, 2014, 40, 269-286.	16.4	40
14	Modeling Unexpected Events in Temporally Disaggregated Econometric Inputâ€“Output Models of Regional Economies. Economic Systems Research, 2007, 19, 125-145.	2.7	33
15	Social Science Sequestered. Frontiers in Climate, 2020, 2, .	2.8	33
16	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
17	Optimising renewable energy integration in new housing developments with low carbon technologies. Renewable Energy, 2021, 169, 527-540.	8.9	30
18	Homes of the future: Unpacking public perceptions to power the domestic hydrogen transition. Renewable and Sustainable Energy Reviews, 2022, 164, 112481.	16.4	30

#	Article	IF	Citations
19	A holistic risk management framework for renewable energy investments. Renewable and Sustainable Energy Reviews, 2022, 160, 112305.	16.4	28
20	Techno-environmental analysis of battery storage for grid level energy services. Renewable and Sustainable Energy Reviews, 2020, 131, 110018.	16.4	27
21	Sources of risk and uncertainty in UK smart grid deployment: An expert stakeholder analysis. Energy, 2018, 161, 1-9.	8.8	23
22	One technology, two pathways? Strategic Niche Management and the diverging diffusion of concentrated solar power in South Africa and the United States. Energy Research and Social Science, 2020, 69, 101729.	6.4	20
23	Spatial variation in energy attitudes and perceptions: Evidence from Europe. Renewable and Sustainable Energy Reviews, 2018, 81, 2160-2180.	16.4	17
24	Techno-economic optimisation of battery storage for grid-level energy services using curtailed energy from wind. Journal of Energy Storage, 2021, 39, 102641.	8.1	17
25	An innovative viable model for community-owned solar PV projects without FIT: Comprehensive techno-economic assessment. Energy Policy, 2020, 146, 111727.	8.8	15
26	Modelling and simulation of steel reheating processes under oxy-fuel combustion conditions â€“ Technical and environmental perspectives. Energy, 2019, 185, 730-743.	8.8	14
27	Assessment of Rooftop Solar Power Generation to Meet Residential Loads in the City of Neom, Saudi Arabia. Energies, 2021, 14, 3805.	3.1	14
28	Control of Supercritical Organic Rankine Cycle based Waste Heat Recovery System Using Conventional and Fuzzy Self-tuned PID Controllers. International Journal of Control, Automation and Systems, 2019, 17, 2969-2981.	2.7	13
29	Fuzzy Nonlinear Dynamic Evaporator Model in Supercritical Organic Rankine Cycle Waste Heat Recovery Systems. Energies, 2018, 11, 901.	3.1	12
30	Design Optimization of Supercritical Carbon Dioxide (s-CO2) Cycles for Waste Heat Recovery From Marine Engines. Journal of Energy Resources Technology, Transactions of the ASME, 2021, 143, .	2.3	11
31	Post subsidy conditions: Evaluating the techno-economic performance of concentrating solar power in Spain. Solar Energy, 2021, 218, 571-586.	6.1	11
32	Spatio-temporal modelling of solar photovoltaic adoption: An integrated neural networks and agent-based modelling approach. Applied Energy, 2022, 305, 117949.	10.1	8
33	FAR out? An examination of converging, diverging and intersecting smart grid futures in the United Kingdom. Energy Research and Social Science, 2020, 70, 101675.	6.4	7
34	Optimal Scheduling of Multi-Carrier Energy Networks Considering Liquid Air Energy Storage. , 2018, , .		3
35	An approach to exploring the effect of weather variations on chronic disease incidence rate and potential changes in future health systems. , 2010, , .		1
36	Can Compulsory Ecological Compensation for Land Damaged by Mining Activities Mitigate CO2 Emissions in China?. Frontiers in Environmental Science, 2021, 9, .	3.3	1

#	Article	IF	Citations
37	The impact of temperature disparity on emergency readmissions and patient flows. , 2011, , .		0
38	Feasibility Study of Biomass Gasification Integrated with Reheating Furnaces in Steelmaking Process. DEStech Transactions on Environment Energy and Earth Science, 2019, , .	0.0	0
39	The effect of concentrated solar power plants on the socio-economic and livelihood assets of the local community and environment. AIP Conference Proceedings, 2020, , .	0.4	0