

Jonathan Chambers

List of Publications by Year in descending order

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38
papers

4,715
citations

430442

18
h-index

360668

35
g-index

38
all docs

38
docs citations

38
times ranked

4670
citing authors

#	ARTICLE	IF	CITATIONS
1	The 2020 report of The Lancet Countdown on health and climate change: responding to converging crises. Lancet, The, 2021, 397, 129-170.	6.3	1,030
2	The 2019 report of The Lancet Countdown on health and climate change: ensuring that the health of a child born today is not defined by a changing climate. Lancet, The, 2019, 394, 1836-1878.	6.3	905
3	The Lancet Countdown on health and climate change: from 25 years of inaction to a global transformation for public health. Lancet, The, 2018, 391, 581-630.	6.3	802
4	The 2021 report of the Lancet Countdown on health and climate change: code red for a healthy future. Lancet, The, 2021, 398, 1619-1662.	6.3	669
5	The 2018 report of the Lancet Countdown on health and climate change: shaping the health of nations for centuries to come. Lancet, The, 2018, 392, 2479-2514.	6.3	595
6	Comparison of clustering approaches for domestic electricity load profile characterisation - Implications for demand side management. Energy, 2019, 180, 665-677.	4.5	113
7	Measuring the thermal energy performance gap of labelled residential buildings in Switzerland. Energy Policy, 2020, 137, 111085.	4.2	57
8	Cost-effectiveness of large-scale deep energy retrofit packages for residential buildings under different economic assessment approaches. Energy and Buildings, 2020, 215, 109870.	3.1	51
9	Do energy performance certificates allow reliable predictions of actual energy consumption and savings? Learning from the Swiss national database. Energy and Buildings, 2020, 224, 110235.	3.1	50
10	Global and cross-country analysis of exposure of vulnerable populations to heatwaves from 1980 to 2018. Climatic Change, 2020, 163, 539-558.	1.7	47
11	In search of optimal consumption: A review of causes and solutions to the Energy Performance Gap in residential buildings. Energy and Buildings, 2021, 249, 111253.	3.1	46
12	Mapping district heating potential under evolving thermal demand scenarios and technologies: A case study for Switzerland. Energy, 2019, 176, 682-692.	4.5	43
13	Excess heat recovery: An invisible energy resource for the Swiss industry sector. Applied Energy, 2018, 228, 390-408.	5.1	36
14	Evaluating the electricity saving potential of electrochromic glazing for cooling and lighting at the scale of the Swiss non-residential national building stock using a Monte Carlo model. Energy, 2019, 185, 136-147.	4.5	34
15	Correlating heatwaves and relative humidity with suicide (fatal intentional self-harm). Scientific Reports, 2021, 11, 22175.	1.6	33
16	Shallow geothermal energy potential for heating and cooling of buildings with regeneration under climate change scenarios. Energy, 2022, 244, 123086.	4.5	30
17	Strategies for decarbonising the Swiss heating system. Energy, 2019, 169, 1119-1131.	4.5	26
18	Deconstruct: A scalable method of as-built heat power loss coefficient inference for UK dwellings using smart meter data. Energy and Buildings, 2019, 183, 443-453.	3.1	20

#	ARTICLE	IF	CITATIONS
19	Tracking the impacts of climate change on human health via indicators: lessons from the Lancet Countdown. BMC Public Health, 2022, 22, 663.	1.2	20
20	A Monte Carlo building stock model of space cooling demand in the Swiss service sector under climate change. Energy and Buildings, 2021, 233, 110662.	3.1	17
21	Spatiotemporal analysis of industrial excess heat supply for district heat networks in Switzerland. Energy, 2020, 192, 116705.	4.5	15
22	Assessment of techno-economic feasibility of centralised seasonal thermal energy storage for decarbonising the Swiss residential heating sector. Renewable Energy, 2020, 161, 1209-1225.	4.3	14
23	Simulation and comparative assessment of heating systems with tank thermal energy storage – A Swiss case study. Journal of Energy Storage, 2020, 32, 101810.	3.9	12
24	Exploratory study on clustering methods to identify electricity use patterns in building sector. Journal of Physics: Conference Series, 2019, 1343, 012044.	0.3	8
25	A Heat Demand Load Curve Model of the Swiss National Territory. IOP Conference Series: Earth and Environmental Science, 2019, 290, 012107.	0.2	7
26	Geospatial global sensitivity analysis of a heat energy service decarbonisation model of the building stock. Applied Energy, 2021, 302, 117592.	5.1	5
27	Energy Performance Certificate for buildings as a strategy for the energy transition: Stakeholder insights on shortcomings. IOP Conference Series: Earth and Environmental Science, 2020, 588, 022003.	0.2	5
28	Optimal spatial resource allocation in networks: Application to district heating and cooling. Computers and Industrial Engineering, 2022, 171, 108448.	3.4	4
29	Combined geospatial and techno-economic analysis of deep building envelope retrofit. Journal of Physics: Conference Series, 2019, 1343, 012028.	0.3	3
30	Applications of graph theory in district heat network analysis at national scale. Journal of Physics: Conference Series, 2019, 1343, 012045.	0.3	3
31	Energy consumption of high-performance buildings: Design vs. Reality. Journal of Physics: Conference Series, 2019, 1343, 012169.	0.3	3
32	Computationally scalable geospatial network and routing analysis through multi-level spatial clustering.. MethodsX, 2020, 7, 101072.	0.7	3
33	Potential and costs of decentralized heat pumps and thermal networks in Swiss residential areas. International Journal of Energy Research, 2021, 45, 15245-15264.	2.2	3
34	SMITE., 2020, , .		3
35	A comparative analysis of patterns of electricity use and flexibility potential of domestic and non-domestic building archetypes through data mining techniques. Journal of Physics: Conference Series, 2021, 2042, 012021.	0.3	2
36	Presentation of new geospatial datasets for renewable thermal energy systems modelling in Switzerland. Journal of Physics: Conference Series, 2021, 2042, 012003.	0.3	1

#	ARTICLE	IF	CITATIONS
37	The Energy Performance Gap in Swiss residential buildings: a roadmap for improvement. Journal of Physics: Conference Series, 2021, 2042, 012143.	0.3	0
38	An optimisation approach for spatial allocation of energy sources to district heating networks. Journal of Physics: Conference Series, 2021, 2042, 012038.	0.3	0