

Diana Æerge-Vorsatz

List of Publications by Year in descending order

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Version: 2024-02-01

64
papers

5,601
citations

136950

32
h-index

149698

56
g-index

69
all docs

69
docs citations

69
times ranked

5764
citing authors

#	ARTICLE	IF	CITATIONS
1	Demand-side solutions to climate change mitigation consistent with high levels of well-being. <i>Nature Climate Change</i> , 2022, 12, 36-46.	18.8	133
2	Existing tools, user needs and required model adjustments for energy demand modelling of a carbon-neutral Europe. <i>Energy Research and Social Science</i> , 2022, 90, 102662.	6.4	12
3	Measuring the productivity impacts of energy-efficiency: The case of high-efficiency buildings. <i>Journal of Cleaner Production</i> , 2021, 318, 128535.	9.3	12
4	Advances Toward a Net-Zero Global Building Sector. <i>Annual Review of Environment and Resources</i> , 2020, 45, 227-269.	13.4	86
5	Office building deep energy retrofit: life cycle cost benefit analyses using cash flow analysis and multiple benefits on project level. <i>Energy Efficiency</i> , 2019, 12, 261-279.	2.8	34
6	The Multiple Benefits of the 2030 EU Energy Efficiency Potential. <i>Energies</i> , 2019, 12, 2798.	3.1	29
7	The global expansion of climate mitigation policy interventions, the Talanoa Dialogue and the role of behavioural insights. <i>Environmental Research Communications</i> , 2019, 1, 061001.	2.3	26
8	Modeling global and regional potentials for building-integrated solar energy generation. <i>Energy and Buildings</i> , 2019, 198, 329-339.	6.7	22
9	Recalibrating climate prospects. <i>Environmental Research Letters</i> , 2019, 14, 120201.	5.2	19
10	Demand-side approaches for limiting global warming to 1.5°C. <i>Energy Efficiency</i> , 2019, 12, 343-362.	2.8	66
11	The relationship between operational energy demand and embodied energy in Dutch residential buildings. <i>Energy and Buildings</i> , 2018, 165, 233-245.	6.7	82
12	Locking in positive climate responses in cities. <i>Nature Climate Change</i> , 2018, 8, 174-177.	18.8	170
13	City transformations in a 1.5 °C warmer world. <i>Nature Climate Change</i> , 2018, 8, 177-181.	18.8	114
14	Sustainable Development Goals and climate change adaptation in cities. <i>Nature Climate Change</i> , 2018, 8, 181-183.	18.8	113
15	Towards demand-side solutions for mitigating climate change. <i>Nature Climate Change</i> , 2018, 8, 260-263.	18.8	496
16	Comparison of past projections of global and regional primary and final energy consumption with historical data. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 82, 681-688.	16.4	30
17	Trends in penetration and ownership of household appliances. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 82, 4044-4059.	16.4	14
18	Household appliances penetration and ownership trends in residential buildings. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 98, 1-8.	16.4	18

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19	Six research priorities for cities and climate change. <i>Nature</i> , 2018, 555, 23-25.	27.8	446
20	Heating and cooling energy trends and drivers in Europe. <i>Energy</i> , 2017, 119, 425-434.	8.8	51
21	Global scenarios of urban density and its impacts on building energy use through 2050. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 8945-8950.	7.1	350
22	Measuring multiple impacts of low-carbon energy options in a green economy context. <i>Applied Energy</i> , 2016, 179, 1409-1426.	10.1	51
23	Carbon Lock-In: Types, Causes, and Policy Implications. <i>Annual Review of Environment and Resources</i> , 2016, 41, 425-452.	13.4	632
24	Unpacking the spaces and politics of energy poverty: path-dependencies, deprivation and fuel switching in post-communist Hungary. <i>Local Environment</i> , 2016, 21, 1151-1170.	2.4	62
25	Integrating Global Climate Change Mitigation Goals with Other Sustainability Objectives: A Synthesis. <i>Annual Review of Environment and Resources</i> , 2015, 40, 363-394.	13.4	83
26	Heating and cooling energy trends and drivers in buildings. <i>Renewable and Sustainable Energy Reviews</i> , 2015, 41, 85-98.	16.4	684
27	Measuring the Co-Benefits of Climate Change Mitigation. <i>Annual Review of Environment and Resources</i> , 2014, 39, 549-582.	13.4	172
28	Investigating greenhouse challenge from growing trends of electricity consumption through home appliances in buildings. <i>Renewable and Sustainable Energy Reviews</i> , 2014, 36, 188-193.	16.4	64
29	Energy systems in the context of sustainable development. <i>Current Opinion in Environmental Sustainability</i> , 2013, 5, 136-140.	6.3	5
30	Affordable construction towards sustainable buildings: review on embodied energy in building materials. <i>Current Opinion in Environmental Sustainability</i> , 2013, 5, 229-236.	6.3	47
31	Energy use in buildings in a long-term perspective. <i>Current Opinion in Environmental Sustainability</i> , 2013, 5, 141-151.	6.3	99
32	Evaluating policy instruments to foster energy efficiency for the sustainable transformation of buildings. <i>Current Opinion in Environmental Sustainability</i> , 2013, 5, 163-176.	6.3	33
33	Synergies between Energy Efficiency and Energy Access Policies and Strategies. <i>Global Policy</i> , 2012, 3, 187-197.	1.7	9
34	Trapped in the heat: A post-communist type of fuel poverty. <i>Energy Policy</i> , 2012, 49, 60-68.	8.8	89
35	Building synergies between climate change mitigation and energy poverty alleviation. <i>Energy Policy</i> , 2012, 49, 83-90.	8.8	191
36	Mitigation Potential and Costs. , 2011, , 791-864.		41

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37	Defining a Standard Metric for Electricity Savings. , 2011, , .		2
38	Assessment of bottom-up sectoral and regional mitigation potentials. Energy Policy, 2010, 38, 3044-3057.	8.8	14
39	Defining a standard metric for electricity savings. Environmental Research Letters, 2010, 5, 014017.	5.2	15
40	Energy efficiency: how far does it get us in controlling climate change?. Energy Efficiency, 2009, 2, 87-94.	2.8	36
41	Bottom-up assessment of potentials and costs of CO2 emission mitigation in the buildings sector: insights into the missing elements. Energy Efficiency, 2009, 2, 293-316.	2.8	67
42	Energy efficiency revisited: how far does it get us in controlling climate change?. Energy Efficiency, 2009, 2, 287-292.	2.8	6
43	Potentials and costs of carbon dioxide mitigation in the world's buildings. Energy Policy, 2008, 36, 642-661.	8.8	151
44	Appraisal of policy instruments for reducing buildings' CO2emissions. Building Research and Information, 2007, 35, 458-477.	3.9	96
45	Mitigating CO2emissions from energy use in the world's buildings. Building Research and Information, 2007, 35, 379-398.	3.9	194
46	Kyoto flexibility mechanisms in EU accession countries: will they make a difference?. Climate Policy, 2007, 7, 179-196.	5.1	1
47	Energy in transition: From the iron curtain to the European Union. Energy Policy, 2006, 34, 2279-2297.	8.8	68
48	Municipalities and energy efficiency in countries in transition. Energy Policy, 2006, 34, 223-237.	8.8	35
49	Tradable Certificates for Energy Savings: Opportunities, Challenges, and Prospects for Integration with other Market Instruments in the Energy Sector. Energy and Environment, 2005, 16, 959-992.	4.6	7
50	Energy and Sustainability in Central Europe: A Decade of Transition in Review. , 2005, , .		0
51	Renewable Electricity Support Schemes in Central Europe: A Case of Incomplete Policy Transfer. Energy and Environment, 2004, 15, 699-721.	4.6	5
52	Analyzing CO2emissions mitigation by technology improvement in Central and Eastern Europe. Geo Journal, 2002, 57, 211-226.	3.1	0
53	Risk perception by industrial radiographers: Hungary and the UK compared. Journal of Risk Research, 2001, 4, 17-29.	2.6	1
54	Drivers of market transformation: analysis of the Hungarian lighting success story. Energy Policy, 2001, 29, 801-810.	8.8	22

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55	Restructuring of the Hungarian Electricity Industry. <i>Post-Communist Economies</i> , 2001, 13, 85-99.	2.2	5
56	Drivers of Market Transformation in Domestic Lighting. , 2001, , 287-298.		1
57	Residential lighting in Lithuania. <i>Energy Policy</i> , 1999, 27, 603-611.	8.8	15
58	A spatially and temporally resolved biogenic hydrocarbon emissions inventory for the California South Coast Air Basin. <i>Atmospheric Environment</i> , 1997, 31, 3087-3100.	4.1	62
59	Determination of Atomic Local Order in Thyroid Hormones by Extended X-Ray Absorption Fine Structure {Exafs} For Radiation Dose Estimates. <i>Acta OncolĀ³gica</i> , 1996, 35, 895-899.	1.8	2
60	XANES and EXAFS investigation of sd hybrid bonds in alloys of gold with gallium, germanium and tin through the solid-liquid transition. <i>Journal of Non-Crystalline Solids</i> , 1993, 156-158, 133-136.	3.1	5
61	Energy End-Use: Buildings. , 0, , 649-760.		57
62	Technical Summary. , 0, , 31-94.		0
63	Summary for Policy Makers. , 0, , 3-30.		2
64	Energy Pathways for Sustainable Development. , 0, , 1205-1306.		29