Diana Ãœrge-Vorsatz

List of Publications by Year
in descending order

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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	Heating and cooling energy trends and drivers in buildings. Renewable and Sustainable Energy Reviews, 2015, 41, 85-98.	16.4	684
2	Carbon Lock-In: Types, Causes, and Policy Implications. Annual Review of Environment and Resources, 2016, 41, 425-452.	13.4	632
3	Towards demand-side solutions for mitigating climate change. Nature Climate Change, 2018, 8, 260-263.	18.8	496
4	Six research priorities for cities and climate change. Nature, 2018, 555, 23-25.	27.8	446
5	Global scenarios of urban density and its impacts on building energy use through 2050. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 8945-8950.	7.1	350
6	Mitigating CO2emissions from energy use in the world's buildings. Building Research and Information, 2007, 35, 379-398.	3.9	194
7	Building synergies between climate change mitigation and energy poverty alleviation. Energy Policy, 2012, 49, 83-90.	8.8	191
8	Measuring the Co-Benefits of Climate Change Mitigation. Annual Review of Environment and Resources, 2014, 39, 549-582.	13.4	172
9	Locking in positive climate responses in cities. Nature Climate Change, 2018, 8, 174-177.	18.8	170
10	Potentials and costs of carbon dioxide mitigation in the world's buildings. Energy Policy, 2008, 36, 642-661.	8.8	151
11	Demand-side solutions to climate change mitigation consistent with high levels of well-being. Nature Climate Change, 2022, 12, 36-46.	18.8	133
12	City transformations in a 1.5 Â°C warmer world. Nature Climate Change, 2018, 8, 177-181.	18.8	114
13	Sustainable Development Goals and climate change adaptation in cities. Nature Climate Change, 2018, 8, 181-183.	18.8	113
14	Energy use in buildings in a long-term perspective. Current Opinion in Environmental Sustainability, 2013, 5, 141-151.	6.3	99
15	Appraisal of policy instruments for reducing buildings' CO2emissions. Building Research and Information, 2007, 35, 458-477.	3.9	96
16	Trapped in the heat: A post-communist type of fuel poverty. Energy Policy, 2012, 49, 60-68.	8.8	89
17	Advances Toward a Net-Zero Global Building Sector. Annual Review of Environment and Resources, 2020, 45, 227-269.	13.4	86
18	Integrating Global Climate Change Mitigation Goals with Other Sustainability Objectives: A Synthesis. Annual Review of Environment and Resources, 2015, 40, 363-394.	13.4	83

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19	The relationship between operational energy demand and embodied energy in Dutch residential buildings. Energy and Buildings, 2018, 165, 233-245.	6.7	82
20	Energy in transition: From the iron curtain to the European Union. Energy Policy, 2006, 34, 2279-2297.	8.8	68
21	Bottomâ€“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
22	Demand-side approaches for limiting global warming to 1.5ÂÂ°C. Energy Efficiency, 2019, 12, 343-362.	2.8	66
23	Investigating greenhouse challenge from growing trends of electricity consumption through home appliances in buildings. Renewable and Sustainable Energy Reviews, 2014, 36, 188-193.	16.4	64
24	A spatially and temporally resolved biogenic hydrocarbon emissions inventory for the California South Coast Air Basin. Atmospheric Environment, 1997, 31, 3087-3100.	4.1	62
25	Unpacking the spaces and politics of energy poverty: path-dependencies, deprivation and fuel switching in post-communist Hungary. Local Environment, 2016, 21, 1151-1170.	2.4	62
26	Energy End-Use: Buildings. , 0, , 649-760.		57
27	Measuring multiple impacts of low-carbon energy options in a green economy context. Applied Energy, 2016, 179, 1409-1426.	10.1	51
28	Heating and cooling energy trends and drivers in Europe. Energy, 2017, 119, 425-434.	8.8	51
29	Affordable construction towards sustainable buildings: review on embodied energy in building materials. Current Opinion in Environmental Sustainability, 2013, 5, 229-236.	6.3	47
30	Mitigation Potential and Costs. , 2011, , 791-864.		41
31	Energy efficiency: how far does it get us in controlling climate change?. Energy Efficiency, 2009, 2, 87-94.	2.8	36
32	Municipalities and energy efficiency in countries in transition. Energy Policy, 2006, 34, 223-237.	8.8	35
33	Office building deep energy retrofit: life cycle cost benefit analyses using cash flow analysis and multiple benefits on project level. Energy Efficiency, 2019, 12, 261-279.	2.8	34
34	Evaluating policy instruments to foster energy efficiency for the sustainable transformation of buildings. Current Opinion in Environmental Sustainability, 2013, 5, 163-176.	6.3	33
35	Comparison of past projections of global and regional primary and final energy consumption with historical data. Renewable and Sustainable Energy Reviews, 2018, 82, 681-688.	16.4	30
36	Energy Pathways for Sustainable Development. , 0, , 1205-1306.		29

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37	The Multiple Benefits of the 2030 EU Energy Efficiency Potential. Energies, 2019, 12, 2798.	3.1	29
38	The global expansion of climate mitigation policy interventions, the Talanoa Dialogue and the role of behavioural insights. Environmental Research Communications, 2019, 1, 061001.	2.3	26
39	Drivers of market transformation: analysis of the Hungarian lighting success story. Energy Policy, 2001, 29, 801-810.	8.8	22
40	Modeling global and regional potentials for building-integrated solar energy generation. Energy and Buildings, 2019, 198, 329-339.	6.7	22
41	Recalibrating climate prospects. Environmental Research Letters, 2019, 14, 120201.	5.2	19
42	Household appliances penetration and ownership trends in residential buildings. Renewable and Sustainable Energy Reviews, 2018, 98, 1-8.	16.4	18
43	Residential lighting in Lithuania. Energy Policy, 1999, 27, 603-611.	8.8	15
44	Defining a standard metric for electricity savings. Environmental Research Letters, 2010, 5, 014017.	5.2	15
45	Assessment of bottom-up sectoral and regional mitigation potentials. Energy Policy, 2010, 38, 3044-3057.	8.8	14
46	Trends in penetration and ownership of household appliances. Renewable and Sustainable Energy Reviews, 2018, 82, 4044-4059.	16.4	14
47	Measuring the productivity impacts of energy-efficiency: The case of high-efficiency buildings. Journal of Cleaner Production, 2021, 318, 128535.	9.3	12
48	Existing tools, user needs and required model adjustments for energy demand modelling of a carbon-neutral Europe. Energy Research and Social Science, 2022, 90, 102662.	6.4	12
49	Synergies between Energy Efficiency and Energy Access Policies and Strategies. Global Policy, 2012, 3, 187-197.	1.7	9
50	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
51	Energy efficiency revisited: how far does it get us in controlling climate change?. Energy Efficiency, 2009, 2, 287-292.	2.8	6
52	XANES and EXAFS investigation of sd hybrid bonds in alloys of gold with gallium, germanium and tin through the solid-liquid transition. Journal of Non-Crystalline Solids, 1993, 156-158, 133-136.	3.1	5
53	Restructuring of the Hungarian Electricity Industry. Post-Communist Economies, 2001, 13, 85-99.	2.2	5
54	Renewable Electricity Support Schemes in Central Europe: A Case of Incomplete Policy Transfer. Energy and Environment, 2004, 15, 699-721.	4.6	5

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55	Energy systems in the context of sustainable development. Current Opinion in Environmental Sustainability, 2013, 5, 136-140.	6.3	5
56	Determination of Atomic Local Order in Thyroid Hormones by Extended X-Ray Absorption Fine Structure {Exafs} For Radiation Dose Estimates. Acta OncolÃ³gica, 1996, 35, 895-899.	1.8	2
57	Defining a Standard Metric for Electricity Savings. , 2011, , .		2
58	Summary for Policy Makers. , 0, , 3-30.		2
59	Risk perception by industrial radiographers: Hungary and the UK compared. Journal of Risk Research, 2001, 4, 17-29.	2.6	1
60	Kyoto flexibility mechanisms in EU accession countries: will they make a difference?. Climate Policy, 2007, 7, 179-196.	5.1	1
61	Drivers of Market Transformation in Domestic Lighting. , 2001, , 287-298.		1
62	Analyzing CO2emissions mitigation by technology improvement in Central and Eastern Europe. Geo Journal, 2002, 57, 211-226.	3.1	0
63	Technical Summary. , 0, , 31-94.		0
64	Energy and Sustainability in Central Europe: A Decade of Transition in Review. , 2005, , .		0