

Julia K Steinberger

List of Publications by Year in descending order

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Version: 2024-02-01

66
papers

9,197
citations

53660

45
h-index

102304

66
g-index

70
all docs

70
docs citations

70
times ranked

7741
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.	8.1	133
2	Household final energy footprints in Nepal, Vietnam and Zambia: composition, inequality and links to well-being. <i>Environmental Research Letters</i> , 2021, 16, 025011.	2.2	34
3	Final energy footprints in Zambia: Investigating links between household consumption, collective provision, and well-being. <i>Energy Research and Social Science</i> , 2021, 73, 101960.	3.0	18
4	Commentary: Underestimating the Challenges of Avoiding a Ghastly Future. <i>Frontiers in Conservation Science</i> , 2021, 2, .	0.9	9
5	From Publications to Public Actions: The Role of Universities in Facilitating Academic Advocacy and Activism in the Climate and Ecological Emergency. <i>Frontiers in Sustainability</i> , 2021, 2, .	1.3	44
6	Socio-economic conditions for satisfying human needs at low energy use: An international analysis of social provisioning. <i>Global Environmental Change</i> , 2021, 69, 102287.	3.6	82
7	Urgent need for post-growth climate mitigation scenarios. <i>Nature Energy</i> , 2021, 6, 766-768.	19.8	97
8	Global redistribution of income and household energy footprints: a computational thought experiment. <i>Global Sustainability</i> , 2021, 4, .	1.6	34
9	A corridors and power-oriented perspective on energy-service demand and needs satisfaction. <i>Sustainability: Science, Practice, and Policy</i> , 2021, 17, 162-172.	1.1	5
10	Inequality, poverty and the privatization of essential services: A "systems of provision" study of water, energy and local buses in the UK. <i>Competition and Change</i> , 2021, 25, 478-500.	2.9	15
11	Four agendas for research and policy on emissions mitigation and well-being. <i>Global Sustainability</i> , 2020, 3, .	1.6	22
12	Understanding (and tackling) need satisfier escalation. <i>Sustainability: Science, Practice, and Policy</i> , 2020, 16, 309-325.	1.1	22
13	Scientists's warning on affluence. <i>Nature Communications</i> , 2020, 11, 3107.	5.8	503
14	Large inequality in international and intranational energy footprints between income groups and across consumption categories. <i>Nature Energy</i> , 2020, 5, 231-239.	19.8	266
15	Discourses of climate delay. <i>Global Sustainability</i> , 2020, 3, .	1.6	201
16	Your money or your life? The carbon-development paradox. <i>Environmental Research Letters</i> , 2020, 15, 044016.	2.2	52
17	The political economy of car dependence: A systems of provision approach. <i>Energy Research and Social Science</i> , 2020, 66, 101486.	3.0	240
18	Providing decent living with minimum energy: A global scenario. <i>Global Environmental Change</i> , 2020, 65, 102168.	3.6	217

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19	Roots, Riots, and Radical Change – A Road Less Travelled for Ecological Economics. Sustainability, 2019, 11, 2001.	1.6	43
20	Patterns and Causes of Food Waste in the Hospitality and Food Service Sector: Food Waste Prevention Insights from Malaysia. Sustainability, 2019, 11, 6016.	1.6	75
21	Towards demand-side solutions for mitigating climate change. Nature Climate Change, 2018, 8, 260-263.	8.1	496
22	A good life for all within planetary boundaries. Nature Sustainability, 2018, 1, 88-95.	11.5	883
23	Human Scale Energy Services: Untangling a “golden thread”™. Energy Research and Social Science, 2018, 38, 178-187.	3.0	49
24	Analyzing Egypt's water footprint based on trade balance and expenditure inequality. Journal of Cleaner Production, 2018, 198, 1526-1535.	4.6	32
25	A Framework for Decoupling Human Need Satisfaction From Energy Use. Ecological Economics, 2017, 141, 43-52.	2.9	142
26	Human well-being and climate change mitigation. Wiley Interdisciplinary Reviews: Climate Change, 2017, 8, e485.	3.6	92
27	Energy Rebound as a Potential Threat to a Low-Carbon Future: Findings from a New Exergy-Based National-Level Rebound Approach. Energies, 2017, 10, 51.	1.6	69
28	End-user centred infrastructure operation: towards integrated end-use service delivery. Journal of Cleaner Production, 2016, 132, 229-239.	4.6	24
29	Conceptual framework for the study of food waste generation and prevention in the hospitality sector. Waste Management, 2016, 49, 326-336.	3.7	216
30	Combining energy efficiency measure approaches and occupancy patterns in building modelling in the UK residential context. Energy and Buildings, 2016, 111, 98-108.	3.1	55
31	International inequality of environmental pressures: Decomposition and comparative analysis. Ecological Indicators, 2016, 62, 163-173.	2.6	70
32	Maintenance and Expansion: Modeling Material Stocks and Flows for Residential Buildings and Transportation Networks in the EU25. Journal of Industrial Ecology, 2015, 19, 538-551.	2.8	174
33	Understanding China’s past and future energy demand: An exergy efficiency and decomposition analysis. Applied Energy, 2015, 155, 892-903.	5.1	54
34	Towards resource-efficient and service-oriented integrated infrastructure operation. Technological Forecasting and Social Change, 2015, 92, 40-52.	6.2	65
35	Transitions in pathways of human development and carbon emissions. Environmental Research Letters, 2014, 9, 014011.	2.2	109
36	Low Carbon Technology Performance vs Infrastructure Vulnerability: Analysis through the Local and Global Properties Space. Environmental Science & Technology, 2014, 48, 12970-12977.	4.6	9

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37	Divergence of Trends in US and UK Aggregate Exergy Efficiencies 1960–2010. <i>Environmental Science & Technology</i> , 2014, 48, 9874-9881.	4.6	58
38	Managing Critical Materials with a Technology-Specific Stocks and Flows Model. <i>Environmental Science & Technology</i> , 2014, 48, 1298-1305.	4.6	73
39	Assessing the dynamic material criticality of infrastructure transitions: A case of low carbon electricity. <i>Applied Energy</i> , 2014, 123, 378-386.	5.1	95
40	The food waste hierarchy as a framework for the management of food surplus and food waste. <i>Journal of Cleaner Production</i> , 2014, 76, 106-115.	4.6	973
41	Energy requirements of consumption: Urban form, climatic and socio-economic factors, rebounds and their policy implications. <i>Energy Policy</i> , 2013, 63, 696-707.	4.2	155
42	Critical materials for infrastructure: local vs global properties. <i>Proceedings of the Institution of Civil Engineers: Engineering Sustainability</i> , 2013, 166, 272-280.	0.4	4
43	Development and Dematerialization: An International Study. <i>PLoS ONE</i> , 2013, 8, e70385.	1.1	118
44	Natural and socioeconomic determinants of the embodied human appropriation of net primary production and its relation to other resource use indicators. <i>Ecological Indicators</i> , 2012, 23, 222-231.	2.6	54
45	Pathways of human development and carbon emissions embodied in trade. <i>Nature Climate Change</i> , 2012, 2, 81-85.	8.1	187
46	Sustainability solution space of the Swiss milk value added chain. <i>Ecological Economics</i> , 2012, 83, 210-220.	2.9	34
47	The interrelations of Future Global Bioenergy Potentials, Food demand, and Agricultural Technology. , 2012, , 27-52.		6
48	Greenhouse Gas Emissions from Global Cities. <i>Environmental Science & Technology</i> , 2011, 45, 3816-3817.	4.6	16
49	Material and Energy Productivity. <i>Environmental Science & Technology</i> , 2011, 45, 1169-1176.	4.6	70
50	Energy Reduction Through a Deeper Understanding of Household Consumption. <i>Journal of Industrial Ecology</i> , 2011, 15, 31-48.	2.8	22
51	Social Metabolism and Hybrid Structures. <i>Journal of Industrial Ecology</i> , 2011, 15, 642-644.	2.8	6
52	Comparison of household consumption and regional production approaches to assess urban energy use and implications for policy. <i>Energy Policy</i> , 2011, 39, 7298-7309.	4.2	64
53	Global bioenergy potentials from agricultural land in 2050: Sensitivity to climate change, diets and yields. <i>Biomass and Bioenergy</i> , 2011, 35, 4753-4769.	2.9	202
54	Long-term changes in CO2 emissions in Austria and Czechoslovakia—Identifying the drivers of environmental pressures. <i>Energy Policy</i> , 2011, 39, 535-543.	4.2	52

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55	Global patterns of materials use: A socioeconomic and geophysical analysis. <i>Ecological Economics</i> , 2010, 69, 1148-1158.	2.9	271
56	From constraint to sufficiency: The decoupling of energy and carbon from human needs, 1975â€“2005. <i>Ecological Economics</i> , 2010, 70, 425-433.	2.9	260
57	Methodology for inventorying greenhouse gas emissions from global cities. <i>Energy Policy</i> , 2010, 38, 4828-4837.	4.2	386
58	Reducing energy and material flows in cities. <i>Current Opinion in Environmental Sustainability</i> , 2010, 2, 185-192.	3.1	225
59	Considering the normative, systemic and procedural dimensions in indicator-based sustainability assessments in agriculture. <i>Environmental Impact Assessment Review</i> , 2010, 30, 71-81.	4.4	259
60	A spatially explicit life cycle inventory of the global textile chain. <i>International Journal of Life Cycle Assessment</i> , 2009, 14, 443-455.	2.2	96
61	Profiting from negawatts: Reducing absolute consumption and emissions through a performance-based energy economy. <i>Energy Policy</i> , 2009, 37, 361-370.	4.2	81
62	Greenhouse Gas Emissions from Global Cities. <i>Environmental Science & Technology</i> , 2009, 43, 7297-7302.	4.6	581
63	Inelastic collision rates of trapped metastable hydrogen. <i>Physical Review A</i> , 2003, 67, .	1.0	12
64	Precision Timing of Two Anomalous X-Ray Pulsars. <i>Astrophysical Journal</i> , 1999, 525, L33-L36.	1.6	87
65	Large Angular Scale Polarization of the Cosmic Microwave Background Radiation and the Feasibility of Its Detection. <i>Astrophysical Journal</i> , 1998, 495, 580-596.	1.6	76
66	Energizing Sustainable Cities. , 0, , .		16