

# David I. Stern

## List of Publications by Year in descending order

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Version: 2024-02-01

90  
papers

11,554  
citations

70961

41  
h-index

49773

87  
g-index

93  
all docs

93  
docs citations

93  
times ranked

7066  
citing authors

#	ARTICLE	IF	CITATIONS
1	Research at public policy schools in the Asia-Pacific region ranked. <i>Asia and the Pacific Policy Studies</i> , 2021, 8, 151-166.	0.6	1
2	Depth and breadth relevance in citation metrics. <i>Economic Inquiry</i> , 2021, 59, 961-977.	1.0	4
3	Estimating the economy-wide rebound effect using empirically identified structural vector autoregressions. <i>Energy Economics</i> , 2021, 97, 105158.	5.6	16
4	A multicointegration model of global climate change. <i>Journal of Econometrics</i> , 2020, 214, 175-197.	3.5	12
5	Designing electricity markets for high penetrations of zero or low marginal cost intermittent energy sources. <i>Electricity Journal</i> , 2020, 33, 106847.	1.3	21
6	How large is the economy-wide rebound effect?. <i>Energy Policy</i> , 2020, 147, 111870.	4.2	33
7	Flying More Efficiently: Joint Impacts of Fuel Prices, Capital Costs and Fleet Size on Airline Fleet Fuel Economy. <i>Ecological Economics</i> , 2020, 175, 106714.	2.9	11
8	Are biodiversity losses valued differently when they are caused by human activities? A meta-analysis of the non-use valuation literature. <i>Environmental Research Letters</i> , 2020, 15, 073003.	2.2	12
9	Lag length selection and p-hacking in Granger causality testing: prevalence and performance of meta-regression models. <i>Empirical Economics</i> , 2019, 56, 797-830.	1.5	18
10	Replication and robustness analysis of "energy and economic growth in the USA: A multivariate approach". <i>Energy Economics</i> , 2019, 82, 100-113.	5.6	8
11	The Impact of Electricity on Economic Development: A Macroeconomic Perspective. <i>International Review of Environmental and Resource Economics</i> , 2018, 12, 85-127.	1.5	43
12	Technology Choices in the U.S. Electricity Industry before and after Market Restructuring. <i>Energy Journal</i> , 2018, 39, .	0.9	2
13	The environmental Kuznets curve after 25 years. <i>Journal of Bioeconomics</i> , 2017, 19, 7-28.	1.5	239
14	Modeling the emissions-income relationship using long-run growth rates. <i>Environment and Development Economics</i> , 2017, 22, 699-724.	1.3	44
15	Economic growth and global particulate pollution concentrations. <i>Climatic Change</i> , 2017, 142, 391-406.	1.7	39
16	How accurate are energy intensity projections?. <i>Climatic Change</i> , 2017, 143, 537-545.	1.7	18
17	Comment on Bornmann (2017): confidence intervals for journal impact factors. <i>Scientometrics</i> , 2017, 113, 1811-1813.	1.6	3
18	An analysis of the costs of energy saving and CO 2 mitigation in rural households in China. <i>Journal of Cleaner Production</i> , 2017, 165, 734-745.	4.6	32

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19	Long-run estimates of interfuel and interfactor elasticities. Resources and Energy Economics, 2016, 46, 114-130.	1.1	24
20	Research assessment using early citation information. Scientometrics, 2016, 108, 917-935.	1.6	22
21	Economic growth and particulate pollution concentrations in China. Environmental Economics and Policy Studies, 2016, 18, 327-338.	0.8	31
22	Substitutability and the Cost of Climate Mitigation Policy. Environmental and Resource Economics, 2016, 64, 81-107.	1.5	17
23	Drivers of industrial and non-industrial greenhouse gas emissions. Ecological Economics, 2016, 124, 17-24.	2.9	46
24	Influential publications in ecological economics revisited. Ecological Economics, 2016, 123, 68-76.	2.9	33
25	Population, economic growth and regional environmental inefficiency: evidence from U.S. states. Journal of Cleaner Production, 2016, 112, 4288-4295.	4.6	11
26	Energy and Economic Growth: The Stylized Facts. Energy Journal, 2016, 37, 223-256.	0.9	143
27	Carbon dioxide emissions in the short run: The rate and sources of economic growth matter. Global Environmental Change, 2015, 33, 109-121.	3.6	76
28	Global energy use: Decoupling or convergence?. Energy Economics, 2015, 51, 633-641.	5.6	110
29	High-Ranked Social Science Journal Articles Can Be Identified from Early Citation Information. PLoS ONE, 2014, 9, e112520.	1.1	38
30	Anthropogenic and natural causes of climate change. Climatic Change, 2014, 122, 257-269.	1.7	153
31	Fuel choices in rural Maharashtra. Biomass and Bioenergy, 2014, 70, 302-314.	2.9	24
32	Economic growth and the transition from traditional to modern energy in Sweden. Energy Economics, 2014, 46, 56-65.	5.6	62
33	Substitutability and the Cost of Climate Mitigation Policy. Energy Procedia, 2014, 61, 1622-1625.	1.8	1
34	Is There Really Granger Causality between Energy Use and Output?. Energy Journal, 2014, 35, 101-134.	0.9	57
35	Causality between energy and output in the long-run. Energy Economics, 2013, 39, 135-146.	5.6	72
36	Uncertainty Measures for Economics Journal Impact Factors. Journal of Economic Literature, 2013, 51, 173-189.	4.5	60

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37	Modeling international trends in energy efficiency. <i>Energy Economics</i> , 2012, 34, 2200-2208.	5.6	169
38	Letter from the Associate Editor concerning the comments from Anthoff and Tol and Ackerman and Munitz. <i>Ecological Economics</i> , 2012, 81, 41.	2.9	2
39	Decomposing the 2010 global carbon dioxide emissions rebound. <i>Nature Climate Change</i> , 2012, 2, 213-214.	8.1	65
40	INTERFUEL SUBSTITUTION: A META-ANALYSIS. <i>Journal of Economic Surveys</i> , 2012, 26, 307-331.	3.7	134
41	Where in the world is it cheapest to cut carbon emissions?*. <i>Australian Journal of Agricultural and Resource Economics</i> , 2012, 56, 315-331.	1.3	22
42	The role of energy in economic growth. <i>Annals of the New York Academy of Sciences</i> , 2011, 1219, 26-51.	1.8	273
43	Elasticities of substitution and complementarity. <i>Journal of Productivity Analysis</i> , 2011, 36, 79-89.	0.8	70
44	Temperature and Malaria Trends in Highland East Africa. <i>PLoS ONE</i> , 2011, 6, e24524.	1.1	68
45	How ambitious are China and India's emissions intensity targets?. <i>Energy Policy</i> , 2010, 38, 6776-6783.	4.2	68
46	Energy quality. <i>Ecological Economics</i> , 2010, 69, 1471-1478.	2.9	69
47	Between estimates of the emissions-income elasticity. <i>Ecological Economics</i> , 2010, 69, 2173-2182.	2.9	126
48	Derivation of the Hicks, or direct, elasticity of substitution using the input distance function. <i>Economics Letters</i> , 2010, 108, 349-351.	0.9	14
49	China's changing energy intensity trend: A decomposition analysis. <i>Energy Economics</i> , 2008, 30, 1037-1053.	5.6	543
50	Biomass and China's carbon emissions: A missing piece of carbon decomposition. <i>Energy Policy</i> , 2008, 36, 2517-2526.	4.2	77
51	The Effect of NAFTA on Energy and Environmental Efficiency in Mexico. <i>Policy Studies Journal</i> , 2007, 35, 291-322.	3.2	65
52	Reversal of the trend in global anthropogenic sulfur emissions. <i>Global Environmental Change</i> , 2006, 16, 207-220.	3.6	169
53	An atmosphere-ocean time series model of global climate change. <i>Computational Statistics and Data Analysis</i> , 2006, 51, 1330-1346.	0.7	20
54	Environmental and ecological economics: A citation analysis. <i>Ecological Economics</i> , 2006, 58, 491-506.	2.9	50

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55	Climate variability and malaria epidemics in the highlands of East Africa. Trends in Parasitology, 2005, 21, 52-53.	1.5	40
56	Beyond the Environmental Kuznets Curve: Diffusion of Sulfur-Emissions-Abating Technology. Journal of Environment and Development, 2005, 14, 101-124.	1.6	46
57	Global sulfur emissions from 1850 to 2000. Chemosphere, 2005, 58, 163-175.	4.2	213
58	The Rise and Fall of the Environmental Kuznets Curve. World Development, 2004, 32, 1419-1439.	2.6	2,518
59	Influential publications in ecological economics: a citation analysis. Ecological Economics, 2004, 50, 261-292.	2.9	71
60	The Political Economy of the Environment20041James K. Boyce. The Political Economy of the Environment. Cheltenham: Edward Elgar 2002.. International Journal of Social Economics, 2004, 31, 443-445.	1.1	0
61	Evidence from panel unit root and cointegration tests that the Environmental Kuznets Curve does not exist. Australian Journal of Agricultural and Resource Economics, 2003, 47, 325-347.	1.3	369
62	Meteorologic Influences onPlasmodium falciparumMalaria in the Highland Tea Estates of Kericho, Western Kenya. Emerging Infectious Diseases, 2002, 8, 1404-1408.	2.0	82
63	Hot topic or hot air? Climate change and malaria resurgence in East African highlands. Trends in Parasitology, 2002, 18, 530-534.	1.5	143
64	Explaining changes in global sulfur emissions: an econometric decomposition approach. Ecological Economics, 2002, 42, 201-220.	2.9	154
65	Climate change and the resurgence of malaria in the East African highlands. Nature, 2002, 415, 905-909.	13.7	429
66	Regional warming and malaria resurgence. Nature, 2002, 420, 628-628.	13.7	21
67	Is There an Environmental Kuznets Curve for Sulfur?. Journal of Environmental Economics and Management, 2001, 41, 162-178.	2.1	565
68	A multivariate cointegration analysis of the role of energy in the US macroeconomy. Energy Economics, 2000, 22, 267-283.	5.6	610
69	Applying Recent Developments in Time Series Econometrics to the Spatial Domain. Professional Geographer, 2000, 52, 37-49.	1.0	15
70	Aggregation and the role of energy in the economy. Ecological Economics, 2000, 32, 301-317.	2.9	276
71	Title is missing!. , 2000, 47, 411-438.		95
72	Modelling Loss of Resilience in Agroecosystems: Rangelands in Botswana. , 2000, 16, 185-210.		37

#	ARTICLE	IF	CITATIONS
73	Econometric analysis of global climate change. <i>Environmental Modelling and Software</i> , 1999, 14, 597-605.	1.9	45
74	Use value, exchange value, and resource scarcity. <i>Energy Policy</i> , 1999, 27, 469-476.	4.2	17
75	Is energy cost an accurate indicator of natural resource quality?. <i>Ecological Economics</i> , 1999, 31, 381-394.	2.9	27
76	Progress on the environmental Kuznets curve?. <i>Environment and Development Economics</i> , 1998, 3, 173-196.	1.3	403
77	The Capital Theory Approach to Sustainability: A Critical Appraisal. <i>Journal of Economic Issues</i> , 1997, 31, 145-174.	0.3	105
78	Limits to substitution and irreversibility in production and consumption: A neoclassical interpretation of ecological economics. <i>Ecological Economics</i> , 1997, 21, 197-215.	2.9	135
79	Evidence for human influence on climate from hemispheric temperature relations. <i>Nature</i> , 1997, 388, 39-44.	13.7	179
80	Estimates of global anthropogenic methane emissions 1860â€“1993. <i>Chemosphere</i> , 1996, 33, 159-176.	4.2	69
81	Economic growth and environmental degradation: The environmental Kuznets curve and sustainable development. <i>World Development</i> , 1996, 24, 1151-1160.	2.6	1,251
82	Measurement unit invariant coefficients in multiplicative-logarithmic functions. <i>Applied Economics</i> , 1995, 27, 451-454.	1.2	4
83	The contribution of the mining sector to sustainability in developing countries. <i>Ecological Economics</i> , 1995, 13, 53-63.	2.9	25
84	Historical path-dependence of the urban population density gradient. <i>Annals of Regional Science</i> , 1994, 28, 197-222.	1.0	9
85	Historical path-dependence of the urban population density gradient. <i>Annals of Regional Science</i> , 1993, 27, 259-283.	1.0	10
86	Productive and exchange scarcity: an empirical analysis of the U.S. forest products industry. <i>Canadian Journal of Forest Research</i> , 1993, 23, 1537-1549.	0.8	11
87	POPULATION DISTRIBUTION IN AN ETHNO-IDEOLOGICALLY DIVIDED CITY: THE CASE OF JERUSALEM. <i>Urban Geography</i> , 1992, 13, 164-186.	1.7	6
88	Explaining UK house price inflation 1971â€“89. <i>Applied Economics</i> , 1992, 24, 1327-1333.	1.2	18
89	Do Regions Exist? Implications of Synergetics for Regional Geography. <i>Environment and Planning A</i> , 1992, 24, 1431-1448.	2.1	7
90	Ethno-ideological segregation and metropolitan development. <i>Geoforum</i> , 1990, 21, 397-409.	1.4	8