David I. Stern

List of Publications by Year
in descending order

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	The Rise and Fall of the Environmental Kuznets Curve. World Development, 2004, 32, 1419-1439.	2.6	2,518
2	Economic growth and environmental degradation: The environmental Kuznets curve and sustainable development. World Development, 1996, 24, 1151-1160.	2.6	1,251
3	A multivariate cointegration analysis of the role of energy in the US macroeconomy. Energy Economics, 2000, 22, 267-283.	5.6	610
4	Is There an Environmental Kuznets Curve for Sulfur?. Journal of Environmental Economics and Management, 2001, 41, 162-178.	2.1	565
5	China's changing energy intensity trend: A decomposition analysis. Energy Economics, 2008, 30, 1037-1053.	5.6	543
6	Climate change and the resurgence of malaria in the East African highlands. Nature, 2002, 415, 905-909.	13.7	429
7	Progress on the environmental Kuznets curve?. Environment and Development Economics, 1998, 3, 173-196.	1.3	403
8	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
9	Aggregation and the role of energy in the economy. Ecological Economics, 2000, 32, 301-317.	2.9	276
10	The role of energy in economic growth. Annals of the New York Academy of Sciences, 2011, 1219, 26-51.	1.8	273
11	The environmental Kuznets curve after 25 years. Journal of Bioeconomics, 2017, 19, 7-28.	1.5	239
12	Global sulfur emissions from 1850 to 2000. Chemosphere, 2005, 58, 163-175.	4.2	213
13	Evidence for human influence on climate from hemispheric temperature relations. Nature, 1997, 388, 39-44.	13.7	179
14	Reversal of the trend in global anthropogenic sulfur emissions. Global Environmental Change, 2006, 16, 207-220.	3.6	169
15	Modeling international trends in energy efficiency. Energy Economics, 2012, 34, 2200-2208.	5.6	169
16	Explaining changes in global sulfur emissions: an econometric decomposition approach. Ecological Economics, 2002, 42, 201-220.	2.9	154
17	Anthropogenic and natural causes of climate change. Climatic Change, 2014, 122, 257-269.	1.7	153
18	Hot topic or hot air? Climate change and malaria resurgence in East African highlands. Trends in Parasitology, 2002, 18, 530-534.	1.5	143

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19	Energy and Economic Growth: The Stylized Facts. Energy Journal, 2016, 37, 223-256.	0.9	143
20	Limits to substitution and irreversibility in production and consumption: A neoclassical interpretation of ecological economics. Ecological Economics, 1997, 21, 197-215.	2.9	135
21	INTERFUEL SUBSTITUTION: A METAâ€ANALYSIS. Journal of Economic Surveys, 2012, 26, 307-331.	3.7	134
22	Between estimates of the emissions-income elasticity. Ecological Economics, 2010, 69, 2173-2182.	2.9	126
23	Global energy use: Decoupling or convergence?. Energy Economics, 2015, 51, 633-641.	5.6	110
24	The Capital Theory Approach to Sustainability: A Critical Appraisal. Journal of Economic Issues, 1997, 31, 145-174.	0.3	105
25	Title is missing!. , 2000, 47, 411-438.		95
26	Meteorologic Influences onPlasmodium falciparumMalaria in the Highland Tea Estates of Kericho, Western Kenya. Emerging Infectious Diseases, 2002, 8, 1404-1408.	2.0	82
27	Biomass and China's carbon emissions: A missing piece of carbon decomposition. Energy Policy, 2008, 36, 2517-2526.	4.2	77
28	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
29	Causality between energy and output in the long-run. Energy Economics, 2013, 39, 135-146.	5.6	72
30	Influential publications in ecological economics: a citation analysis. Ecological Economics, 2004, 50, 261-292.	2.9	71
31	Elasticities of substitution and complementarity. Journal of Productivity Analysis, 2011, 36, 79-89.	0.8	70
32	Estimates of global anthropogenic methane emissions 1860â€“1993. Chemosphere, 1996, 33, 159-176.	4.2	69
33	Energy quality. Ecological Economics, 2010, 69, 1471-1478.	2.9	69
34	How ambitious are China and Indiaâ€™s emissions intensity targets?. Energy Policy, 2010, 38, 6776-6783.	4.2	68
35	Temperature and Malaria Trends in Highland East Africa. PLoS ONE, 2011, 6, e24524.	1.1	68
36	The Effect of NAFTA on Energy and Environmental Efficiency in Mexico. Policy Studies Journal, 2007, 35, 291-322.	3.2	65

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37	Decomposing the 2010 global carbon dioxide emissions rebound. Nature Climate Change, 2012, 2, 213-214.	8.1	65
38	Economic growth and the transition from traditional to modern energy in Sweden. Energy Economics, 2014, 46, 56-65.	5.6	62
39	Uncertainty Measures for Economics Journal Impact Factors. Journal of Economic Literature, 2013, 51, 173-189.	4.5	60
40	Is There Really Granger Causality between Energy Use and Output?. Energy Journal, 2014, 35, 101-134.	0.9	57
41	Environmental and ecological economics: A citation analysis. Ecological Economics, 2006, 58, 491-506.	2.9	50
42	Beyond the Environmental Kuznets Curve: Diffusion of Sulfur-Emissions-Abating Technology. Journal of Environment and Development, 2005, 14, 101-124.	1.6	46
43	Drivers of industrial and non-industrial greenhouse gas emissions. Ecological Economics, 2016, 124, 17-24.	2.9	46
44	Econometric analysis of global climate change. Environmental Modelling and Software, 1999, 14, 597-605.	1.9	45
45	Modeling the emissionsâ€“income relationship using long-run growth rates. Environment and Development Economics, 2017, 22, 699-724.	1.3	44
46	The Impact of Electricity on Economic Development: A Macroeconomic Perspective. International Review of Environmental and Resource Economics, 2018, 12, 85-127.	1.5	43
47	Climate variability and malaria epidemics in the highlands of East Africa. Trends in Parasitology, 2005, 21, 52-53.	1.5	40
48	Economic growth and global particulate pollution concentrations. Climatic Change, 2017, 142, 391-406.	1.7	39
49	High-Ranked Social Science Journal Articles Can Be Identified from Early Citation Information. PLoS ONE, 2014, 9, e112520.	1.1	38
50	Modelling Loss of Resilience in Agroecosystems: Rangelands in Botswana. , 2000, 16, 185-210.		37
51	Influential publications in ecological economics revisited. Ecological Economics, 2016, 123, 68-76.	2.9	33
52	How large is the economy-wide rebound effect?. Energy Policy, 2020, 147, 111870.	4.2	33
53	An analysis of the costs of energy saving and CO 2 mitigation in rural households in China. Journal of Cleaner Production, 2017, 165, 734-745.	4.6	32
54	Economic growth and particulate pollution concentrations in China. Environmental Economics and Policy Studies, 2016, 18, 327-338.	0.8	31

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55	Is energy cost an accurate indicator of natural resource quality?. Ecological Economics, 1999, 31, 381-394.	2.9	27
56	The contribution of the mining sector to sustainability in developing countries. Ecological Economics, 1995, 13, 53-63.	2.9	25
57	Fuel choices in rural Maharashtra. Biomass and Bioenergy, 2014, 70, 302-314.	2.9	24
58	Long-run estimates of interfuel and interfactor elasticities. Resources and Energy Economics, 2016, 46, 114-130.	1.1	24
59	Where in the world is it cheapest to cut carbon emissions?*. Australian Journal of Agricultural and Resource Economics, 2012, 56, 315-331.	1.3	22
60	Research assessment using early citation information. Scientometrics, 2016, 108, 917-935.	1.6	22
61	Regional warming and malaria resurgence. Nature, 2002, 420, 628-628.	13.7	21
62	Designing electricity markets for high penetrations of zero or low marginal cost intermittent energy sources. Electricity Journal, 2020, 33, 106847.	1.3	21
63	An atmosphereâ€“ocean time series model of global climate change. Computational Statistics and Data Analysis, 2006, 51, 1330-1346.	0.7	20
64	Explaining UK house price inflation 1971â€“89. Applied Economics, 1992, 24, 1327-1333.	1.2	18
65	How accurate are energy intensity projections?. Climatic Change, 2017, 143, 537-545.	1.7	18
66	Lag length selection and p-hacking in Granger causality testing: prevalence and performance of meta-regression models. Empirical Economics, 2019, 56, 797-830.	1.5	18
67	Use value, exchange value, and resource scarcity. Energy Policy, 1999, 27, 469-476.	4.2	17
68	Substitutability and the Cost of Climate Mitigation Policy. Environmental and Resource Economics, 2016, 64, 81-107.	1.5	17
69	Estimating the economy-wide rebound effect using empirically identified structural vector autoregressions. Energy Economics, 2021, 97, 105158.	5.6	16
70	Applying Recent Developments in Time Series Econometrics to the Spatial Domain. Professional Geographer, 2000, 52, 37-49.	1.0	15
71	Derivation of the Hicks, or direct, elasticity of substitution using the input distance function. Economics Letters, 2010, 108, 349-351.	0.9	14
72	A multicointegration model of global climate change. Journal of Econometrics, 2020, 214, 175-197.	3.5	12

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73	Are biodiversity losses valued differently when they are caused by human activities? A meta-analysis of the non-use valuation literature. Environmental Research Letters, 2020, 15, 073003.	2.2	12
74	Productive and exchange scarcity: an empirical analysis of the U.S. forest products industry. Canadian Journal of Forest Research, 1993, 23, 1537-1549.	0.8	11
75	Population, economic growth and regional environmental inefficiency: evidence from U.S. states. Journal of Cleaner Production, 2016, 112, 4288-4295.	4.6	11
76	Flying More Efficiently: Joint Impacts of Fuel Prices, Capital Costs and Fleet Size on Airline Fleet Fuel Economy. Ecological Economics, 2020, 175, 106714.	2.9	11
77	Historical path-dependence of the urban population density gradient. Annals of Regional Science, 1993, 27, 259-283.	1.0	10
78	Historical path-dependence of the urban population density gradient. Annals of Regional Science, 1994, 28, 197-222.	1.0	9
79	Ethno-ideological segregation and metropolitan development. Geoforum, 1990, 21, 397-409.	1.4	8
80	Replication and robustness analysis of â€˜energy and economic growth in the USA: A multivariate approachâ€™. Energy Economics, 2019, 82, 100-113.	5.6	8
81	Do Regions Exist? Implications of Synergetics for Regional Geography. Environment and Planning A, 1992, 24, 1431-1448.	2.1	7
82	POPULATION DISTRIBUTION IN AN ETHNO-IDEOLOGICALLY DIVIDED CITY: THE CASE OF JERUSALEM. Urban Geography, 1992, 13, 164-186.	1.7	6
83	Measurement unit invariant coefficients in multiplicative-logarithmic functions. Applied Economics, 1995, 27, 451-454.	1.2	4
84	Depth and breadth relevance in citation metrics. Economic Inquiry, 2021, 59, 961-977.	1.0	4
85	Comment on Bornmann (2017): confidence intervals for journal impact factors. Scientometrics, 2017, 113, 1811-1813.	1.6	3
86	Letter from the Associate Editor concerning the comments from Anthoff and Tol and Ackerman and Munitz. Ecological Economics, 2012, 81, 41.	2.9	2
87	Technology Choices in the U.S. Electricity Industry before and after Market Restructuring. Energy Journal, 2018, 39, .	0.9	2
88	Substitutability and the Cost of Climate Mitigation Policy. Energy Procedia, 2014, 61, 1622-1625.	1.8	1
89	Research at public policy schools in the Asiaâ€Pacific region ranked. Asia and the Pacific Policy Studies, 2021, 8, 151-166.	0.6	1
90	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