

# Daniel M Kammen

## List of Publications by Year in descending order

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Version: 2024-02-01

185  
papers

17,064  
citations

23567

58  
h-index

15732

125  
g-index

189  
all docs

189  
docs citations

189  
times ranked

17350  
citing authors

#	ARTICLE	IF	CITATIONS
1	Leveraging Big Data and Coordinated Charging for Effective Taxi Fleet Electrification: The 100% EV Conversion of Shenzhen, China. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 10343-10353.	8.0	7
2	Electric vehicle's impacts on China's electricity load profiles based on driving patterns and demographics. Energy Reports, 2022, 8, 26-35.	5.1	12
3	Immediate actions on coal phaseout enable a just low-carbon transition in China's power sector. Applied Energy, 2022, 308, 118401.	10.1	26
4	Impacts and savings of energy efficiency measures: A case for Mexico's electrical grid. Journal of Cleaner Production, 2022, 340, 130826.	9.3	5
5	Measuring the reliability of SDG 7: the reasons, timing, and fairness of outage distribution for household electricity access solutions. Environmental Research Communications, 2022, 4, 055001.	2.3	5
6	Open-Source Chinese Power System with High Spatial and Temporal Resolution. , 2022, , .		0
7	Global patterns of daily CO2 emissions reductions in the first year of COVID-19. Nature Geoscience, 2022, 15, 615-620.	12.9	46
8	Urban structure and its implication of heat stress by using remote sensing and simulation tool. Sustainable Cities and Society, 2021, 65, 102632.	10.4	12
9	Modeling the impact of EVs in the Chinese power system: Pathways for implementing emissions reduction commitments in the power and transportation sectors. Energy Policy, 2021, 149, 111962.	8.8	42
10	Day-Ahead Wind Power Forecasting Based on Wind Load Data Using Hybrid Optimization Algorithm. Sustainability, 2021, 13, 1164.	3.2	19
11	Mapping of affordability levels for photovoltaic-based electricity generation in the solar belt of sub-Saharan Africa, East Asia and South Asia. Scientific Reports, 2021, 11, 3226.	3.3	26
12	Cost and impact of weak medium term policies in the electricity system in Western North America. Electricity Journal, 2021, 34, 106925.	2.5	5
13	A community based approach to universal energy access. Electricity Journal, 2021, 34, 106921.	2.5	1
14	Joint strategic energy and river basin planning to reduce dam impacts on rivers in Myanmar. Environmental Research Letters, 2021, 16, 054054.	5.2	20
15	The Role of Political Economy in Energy Access: Public and Private Off-Grid Electrification in Tanzania. Energies, 2021, 14, 3173.	3.1	9
16	U.S.'s China Collaboration is Vital to Global Plans for a Healthy Environment and Sustainable Development. Environmental Science & Technology, 2021, 55, 9622-9626.	10.0	10
17	Population ageing and deaths attributable to ambient PM2.5 pollution: a global analysis of economic cost. Lancet Planetary Health, The, 2021, 5, e356-e367.	11.4	63
18	An action agenda for Africa's electricity sector. Science, 2021, 373, 616-619.	12.6	23

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19	Comprehensive evaluation of regional energy internet using a fuzzy analytic hierarchy process based on cloud model: A case in China. <i>Energy</i> , 2021, 228, 120569.	8.8	48
20	Data-Driven Approach for Analyzing Spatiotemporal Price Elasticities of EV Public Charging Demands Based on Conditional Random Fields. <i>IEEE Transactions on Smart Grid</i> , 2021, 12, 4363-4376.	9.0	8
21	A quantitative, equitable framework for urban transportation electrification: Oakland, California as a mobility model of climate justice. <i>Sustainable Cities and Society</i> , 2021, 74, 103179.	10.4	13
22	Whatâ€™s in a stove? A review of the user preferences in improved stove designs. <i>Energy Research and Social Science</i> , 2021, 81, 102281.	6.4	22
23	Exploring rooftop solar photovoltaics deployment and energy injustice in the US through a data-driven approach. , 2021, , 109-128.		0
24	Orderly retire China's coal-fired power capacity via capacity payments to support renewable energy expansion. <i>IScience</i> , 2021, 24, 103287.	4.1	9
25	Cross-sector storage and modeling needed for deep decarbonization. <i>Joule</i> , 2021, 5, 2529-2534.	24.0	14
26	ENERGY AND WATER PERFORMANCE OF AN OFF-GRID TINY HOUSE IN CALIFORNIA. <i>Journal of Green Building</i> , 2021, 16, 111-134.	0.8	0
27	Design of domestic photovoltaics manufacturing systems under global constraints and uncertainty. <i>Renewable Energy</i> , 2020, 148, 1174-1189.	8.9	10
28	Exploring the Enabling Environments, Inherent Characteristics and Intrinsic Motivations Fostering Global Electricity Decarbonization. <i>Energy Research and Social Science</i> , 2020, 61, 101343.	6.4	17
29	Grid-scale energy storage. , 2020, , 119-143.		9
30	Electric vehicles. , 2020, , 145-163.		7
31	Near-real-time monitoring of global CO2 emissions reveals the effects of the COVID-19 pandemic. <i>Nature Communications</i> , 2020, 11, 5172.	12.8	420
32	Exploring the trade-offs between electric heating policy and carbon mitigation in China. <i>Nature Communications</i> , 2020, 11, 6054.	12.8	198
33	Over the hump: Have we reached the peak of carbon emissions?. <i>Bulletin of the Atomic Scientists</i> , 2020, 76, 256-262.	0.6	1
34	On-Demand Automotive Fleet Electrification Can Catalyze Global Transportation Decarbonization and Smart Urban Mobility. <i>Environmental Science &amp; Technology</i> , 2020, 54, 7027-7033.	10.0	24
35	Characterization of the woody biomass feedstock potential resulting from Californiaâ€™s drought. <i>Scientific Reports</i> , 2020, 10, 1096.	3.3	10
36	Mapping Opportunities for Transportation Electrification to Address Social Marginalization and Air Pollution Challenges in Greater Mexico City. <i>Environmental Science &amp; Technology</i> , 2020, 54, 2103-2111.	10.0	9

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37	Defeating Energy Poverty: Invest in Scalable Solutions for the Poor. , 2020, , 333-347.		1
38	Evaluating cross-sectoral impacts of climate change and adaptations on the energy-water nexus: a framework and California case study. Environmental Research Letters, 2020, 15, 124065.	5.2	16
39	Techno-ecological synergies of solar energy for global sustainability. Nature Sustainability, 2019, 2, 560-568.	23.7	187
40	Review and Perspectives on Data Sharing and Privacy in Expanding Electricity Access. Proceedings of the IEEE, 2019, 107, 1803-1819.	21.3	9
41	Affordable Energy for Humanity: A Global Movement to Support Universal Clean Energy Access. Proceedings of the IEEE, 2019, 107, 1780-1789.	21.3	35
42	A Survey of the Status and Challenges of Green Building Development in Various Countries. Sustainability, 2019, 11, 5385.	3.2	86
43	Distributed Resources Shift Paradigms on Power System Design, Planning, and Operation: An Application of the GAP Model. Proceedings of the IEEE, 2019, 107, 1906-1922.	21.3	15
44	Deploy diverse renewables to save tropical rivers. Nature, 2019, 569, 330-332.	27.8	35
45	ASEAN grid flexibility: Preparedness for grid integration of renewable energy. Energy Policy, 2019, 128, 711-726.	8.8	66
46	Mining Plastic: Harvesting Stored Energy in a Re-use Revolution. One Earth, 2019, 1, 392-394.	6.8	7
47	Recalibrating climate prospects. Environmental Research Letters, 2019, 14, 120201.	5.2	19
48	Disparities in rooftop photovoltaics deployment in the United States by race and ethnicity. Nature Sustainability, 2019, 2, 71-76.	23.7	168
49	Geospatial multi-criteria analysis for identifying high priority clean energy investment opportunities: A case study on land-use conflict in Bangladesh. Applied Energy, 2019, 235, 1457-1467.	10.1	39
50	Energy access for sustainable development. Environmental Research Letters, 2019, 14, 020201.	5.2	25
51	Sustaining the Last Rivers. American Scientist, 2019, 107, 302.	0.1	6
52	Sustainable silicon photovoltaics manufacturing in a global market: A techno-economic, tariff and transportation framework. Applied Energy, 2018, 212, 704-719.	10.1	17
53	A battery of innovative choices- if we commit to investing. Bulletin of the Atomic Scientists, 2018, 74, 7-10.	0.6	1
54	Trace Metal Content of Coal Exacerbates Air-Pollution-Related Health Risks: The Case of Lignite Coal in Kosovo. Environmental Science & Technology, 2018, 52, 2359-2367.	10.0	31

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55	Sustainability lessons from shale development in the United States for Mexico and other emerging unconventional oil and gas developers. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 82, 1320-1332.	16.4	38
56	Supporting Social and Gender Equity Through Micro-Grid Deployment in the DR Congo. , 2018, , .		0
57	Generation Expansion Analysis in Low Data Settings. , 2018, , .		0
58	The Role of Renewable Energy in Bridging the Electricity Gap in Africa. <i>Current Sustainable/Renewable Energy Reports</i> , 2018, 5, 205-213.	2.6	5
59	Europe's renewable energy directive poised to harm global forests. <i>Nature Communications</i> , 2018, 9, 3741.	12.8	98
60	Mundane is the New Radical: The Resurgence of Energy Megaprojects and Implications for the Global South [Opinion]. <i>IEEE Technology and Society Magazine</i> , 2018, 37, 18-26.	0.8	3
61	Opportunities for behavioral energy efficiency and flexible demand in data-limited low-carbon resource constrained environments. <i>Applied Energy</i> , 2018, 228, 512-523.	10.1	13
62	Middleware Architectures for the Smart Grid: A Survey on the State-of-the-Art, Taxonomy and Main Open Issues. <i>IEEE Communications Surveys and Tutorials</i> , 2018, 20, 2992-3033.	39.4	14
63	Carbon Footprint Planning: Quantifying Local and State Mitigation Opportunities for 700 California Cities. <i>Urban Planning</i> , 2018, 3, 35-51.	1.3	33
64	Can the US keep the PACE? A natural experiment in accelerating the growth of solar electricity. <i>Applied Energy</i> , 2017, 191, 163-169.	10.1	17
65	Evaluation of a proposal for reliable low-cost grid power with 100% wind, water, and solar. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 6722-6727.	7.1	250
66	Promoting renewable energy and energy efficiency in Africa: a framework to evaluate employment generation and cost effectiveness. <i>Environmental Research Letters</i> , 2017, 12, 035008.	5.2	18
67	Strategic siting and regional grid interconnections key to low-carbon futures in African countries. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E3004-E3012.	7.1	48
68	Rooftop solar photovoltaic potential in cities: how scalable are assessment approaches?. <i>Environmental Research Letters</i> , 2017, 12, 125005.	5.2	63
69	Energy storage deployment and innovation for the clean energy transition. <i>Nature Energy</i> , 2017, 2, .	39.5	676
70	Scenarios to decarbonize residential water heating in California. <i>Energy Policy</i> , 2017, 109, 441-451.	8.8	26
71	Sustainable Low-Carbon Expansion for the Power Sector of an Emerging Economy: The Case of Kenya. <i>Environmental Science &amp; Technology</i> , 2017, 51, 10232-10242.	10.0	33
72	The inhabited environment, infrastructure development and advanced urbanization in China's Yangtze River Delta Region. <i>Environmental Research Letters</i> , 2016, 11, 124020.	5.2	19

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73	Methodology for Monitoring Sustainable Development of Isolated Microgrids in Rural Communities. Sustainability, 2016, 8, 1163.	3.2	9
74	An analytic framework to assess future electricity options in Kosovo. Environmental Research Letters, 2016, 11, 104013.	5.2	14
75	Minimizing cost uncertainty with a new methodology for use in policy making: China's electricity pathways. , 2016, , .		0
76	City-integrated renewable energy for urban sustainability. Science, 2016, 352, 922-928.	12.6	450
77	SWITCH-China: A Systems Approach to Decarbonizing China's Power System. Environmental Science & Technology, 2016, 50, 5467-5473.	10.0	115
78	Energy return on investment (EROI) of mini-hydro and solar PV systems designed for a mini-grid. Renewable Energy, 2016, 99, 410-419.	8.9	48
79	A commercialization strategy for carbon-negative energy. Nature Energy, 2016, 1, .	39.5	99
80	Countercyclical energy and climate policy for the U.S.. Wiley Interdisciplinary Reviews: Climate Change, 2016, 7, 5-12.	8.1	19
81	Investigating the impact of wind-solar complementarities on energy storage requirement and the corresponding supply reliability criteria. Applied Energy, 2016, 168, 130-145.	10.1	106
82	Power system balancing for deep decarbonization of the electricity sector. Applied Energy, 2016, 162, 1001-1009.	10.1	117
83	Where, when and how much solar is available? A provincial-scale solar resource assessment for China. Renewable Energy, 2016, 85, 74-82.	8.9	156
84	Regional carbon footprints of households: a German case study. Environment, Development and Sustainability, 2016, 18, 577-591.	5.0	57
85	The launch of Environmental Research Reviews. Environmental Research Letters, 2015, 10, 120402.	5.2	0
86	Reply to 'Emissions accounting for biomass energy with CCS'. Nature Climate Change, 2015, 5, 496-496.	18.8	1
87	Biomass enables the transition to a carbon-negative power system across western North America. Nature Climate Change, 2015, 5, 230-234.	18.8	140
88	Supporting security and adequacy in future energy systems: The need to enhance long-term energy system models to better treat issues related to variability. International Journal of Energy Research, 2015, 39, 377-396.	4.5	56
89	Assessing the impacts of nuclear desalination and geoengineering to address China's water shortages. Desalination, 2015, 360, 1-7.	8.2	26
90	Decentralized energy systems for clean electricity access. Nature Climate Change, 2015, 5, 305-314.	18.8	289

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91	A window on use-inspired basic research. Environmental Research Letters, 2015, 10, 020201.	5.2	0
92	Evidence and future scenarios of a low-carbon energy transition in Central America: a case study in Nicaragua. Environmental Research Letters, 2015, 10, 104002.	5.2	16
93	Preface: Physics of Sustainable Energy III: Using Energy Efficiently and Producing it Renewably. AIP Conference Proceedings, 2015, , .	0.4	1
94	Energy access and sustainable development. AIP Conference Proceedings, 2015, , .	0.4	2
95	Solar energy innovation and Silicon Valley. , 2015, , .		1
96	Comparison of low-carbon pathways for California. Climatic Change, 2015, 131, 545-557.	3.6	26
97	Energy planning and development in Malaysian Borneo: Assessing the benefits of distributed technologies versus large scale energy mega-projects. Energy Strategy Reviews, 2015, 8, 15-29.	7.3	39
98	Stakeholders in climate science: Beyond lip service?. Science, 2015, 350, 743-744.	12.6	65
99	Information and communication technologies and climate change adaptation in Latin America and the Caribbean: a framework for action. Climate and Development, 2015, 7, 208-222.	3.9	35
100	Testing of the Katnix rotary lobe expander for distributed concentrating solar combined heat and power systems. Energy Science and Engineering, 2014, 2, 61-76.	4.0	3
101	Solar energy innovation and Silicon Valley. Bulletin of the Atomic Scientists, 2014, 70, 45-53.	0.6	0
102	Characterization of the mechanism of gasification of a powder river basin coal with a composite catalyst for producing desired syngases and liquids. Applied Catalysis A: General, 2014, 475, 116-126.	4.3	23
103	An innovation-focused roadmap for a sustainable global photovoltaic industry. Energy Policy, 2014, 67, 159-169.	8.8	111
104	Innovations in financing that drive cost parity for long-term electricity sustainability: An assessment of Italy, Europe's fastest growing solar photovoltaic market. Energy for Sustainable Development, 2014, 19, 130-137.	4.5	25
105	Spatial Distribution of U.S. Household Carbon Footprints Reveals Suburbanization Undermines Greenhouse Gas Benefits of Urban Population Density. Environmental Science & Technology, 2014, 48, 895-902.	10.0	327
106	Where, when and how much wind is available? A provincial-scale wind resource assessment for China. Energy Policy, 2014, 74, 116-122.	8.8	128
107	The role of large-scale energy storage design and dispatch in the power grid: A study of very high grid penetration of variable renewable resources. Applied Energy, 2014, 134, 75-89.	10.1	117
108	Renewable energy sector development in the Caribbean: Current trends and lessons from history. Energy Policy, 2013, 57, 244-252.	8.8	59

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109	SunShot Solar Power Reduces Costs and Uncertainty in Future Low-Carbon Electricity Systems. <i>Environmental Science &amp; Technology</i> , 2013, 47, 9053-9060.	10.0	56
110	Accelerating the Global Transformation to 21st Century Power Systems. <i>Electricity Journal</i> , 2013, 26, 39-51.	2.5	15
111	Turning words into action on climate change. <i>Carbon Management</i> , 2013, 4, 139-142.	2.4	1
112	Deep carbon reductions in California require electrification and integration across economic sectors. <i>Environmental Research Letters</i> , 2013, 8, 014038.	5.2	77
113	Oil, Energy Poverty and Resource Dependence in West Africa. <i>Journal of Energy and Natural Resources Law</i> , 2013, 31, 33-53.	0.9	35
114	Energy efficiency as a unifying principle for human, environmental, and global health. <i>F1000Research</i> , 2013, 2, 101.	1.6	9
115	Quantifying the social equity of carbon mitigation strategies. <i>Climate Policy</i> , 2012, 12, 690-703.	5.1	29
116	The influence of negative emission technologies and technology policies on the optimal climate mitigation portfolio. <i>Climatic Change</i> , 2012, 113, 141-162.	3.6	29
117	A household carbon footprint calculator for islands: Case study of the United States Virgin Islands. <i>Ecological Economics</i> , 2012, 80, 8-14.	5.7	46
118	High-resolution modeling of the western North American power system demonstrates low-cost and low-carbon futures. <i>Energy Policy</i> , 2012, 43, 436-447.	8.8	144
119	Energy access scenarios to 2030 for the power sector in sub-Saharan Africa. <i>Utilities Policy</i> , 2012, 20, 1-16.	4.0	200
120	Quantifying Carbon Footprint Reduction Opportunities for U.S. Households and Communities. <i>Environmental Science &amp; Technology</i> , 2011, 45, 4088-4095.	10.0	323
121	Reduce growth rate of light-duty vehicle travel to meet 2050 global climate goals. <i>Environmental Research Letters</i> , 2011, 6, 024018.	5.2	27
122	Optimizing the Design and Deployment of Stationary Combined Heat and Power Fuel Cell Systems for Minimum Costs and Emissions—Part II: Model Results. <i>Journal of Fuel Cell Science and Technology</i> , 2011, 8, .	0.8	3
123	Informing the Financing of Universal Energy Access: An Assessment of Current Financial Flows. <i>Electricity Journal</i> , 2011, 24, 57-82.	2.5	25
124	Comment on “Indirect land use change for biofuels: Testing predictions and improving analytical methodologies” by Kim and Dale: statistical reliability and the definition of the indirect land use change (iLUC) issue. <i>Biomass and Bioenergy</i> , 2011, 35, 4485-4487.	5.7	27
125	Design and implementation of carbon cap and dividend policies. <i>Energy Policy</i> , 2011, 39, 477-486.	8.8	14
126	The delivery of low-cost, low-carbon rural energy services. <i>Energy Policy</i> , 2011, 39, 4520-4528.	8.8	32



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127	Optimizing the Design and Deployment of Stationary Combined Heat and Power Fuel Cell Systems for Minimum Costs and Emissionsâ€™Part I: Model Design. Journal of Fuel Cell Science and Technology, 2011, 8, .	0.8	4
128	Plug-in-Hybrid Vehicle Use, Energy Consumption, and Greenhouse Emissions: An Analysis of Household Vehicle Placements in Northern California. Energies, 2011, 4, 435-457.	3.1	21
129	Putting renewables and energy efficiency to work: How many jobs can the clean energy industry generate in the US?. Energy Policy, 2010, 38, 919-931.	8.8	535
130	The Energy-Poverty-Climate Nexus. Science, 2010, 330, 1181-1182.	12.6	174
131	Carbon Calculations to Considerâ€™Response. Science, 2010, 327, 781-781.	12.6	8
132	Bioenergy: Counting on Incentivesâ€™Response. Science, 2010, 327, 1200-1201.	12.6	7
133	The Climate Impacts of Bioenergy Systems Depend on Market and Regulatory Policy Contexts. Environmental Science & Technology, 2010, 44, 7347-7350.	10.0	29
134	Effects of US Maize Ethanol on Global Land Use and Greenhouse Gas Emissions: Estimating Market-mediated Responses. BioScience, 2010, 60, 223-231.	4.9	456
135	The Post-Copenhagen Roadmap Towards Sustainability: Differentiated Geographic Approaches, Integrated Over Goals. Innovations, 2009, 4, 301-321.	3.4	11
136	Fixing a Critical Climate Accounting Error. Science, 2009, 326, 527-528.	12.6	399
137	Community-Based Electric Micro-Grids Can Contribute to Rural Development: Evidence from Kenya. World Development, 2009, 37, 1208-1221.	4.9	310
138	Materials Availability Expands the Opportunity for Large-Scale Photovoltaics Deployment. Environmental Science & Technology, 2009, 43, 2072-2077.	10.0	1,042
139	Financing Energy Efficiency. Scientific American, 2009, 19, 21-21.	1.0	5
140	<i>Poverty, Energy, and Resource Use in Developing Countries</i>. Annals of the New York Academy of Sciences, 2008, 1136, 348-357.	3.8	42
141	Assessment of a low-cost, point-of-use, ultraviolet water disinfection technology. Journal of Water and Health, 2008, 6, 53-65.	2.6	43
142	Burning biodiversity: Woody biomass use by commercial and subsistence groups in western Ugandaâ€™s forests. Biological Conservation, 2007, 134, 232-241.	4.1	97
143	U.S. energy research and development: Declining investment, increasing need, and the feasibility of expansion. Energy Policy, 2007, 35, 746-755.	8.8	290
144	Engineering, institutions, and the public interest: Evaluating product quality in the Kenyan solar photovoltaics industry. Energy Policy, 2007, 35, 2960-2968.	8.8	31

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145	Energy Myth Eleven – Energy R&D Investment Takes Decades to Reach the Market. , 2007, , 289-309.		2
146	Ethanol Can Contribute to Energy and Environmental Goals. Science, 2006, 311, 506-508.	12.6	2,304
147	The Rise of Renewable Energy. Scientific American, 2006, 294, 84-93.	1.0	80
148	Letting the (energy) Gini out of the bottle: Lorenz curves of cumulative electricity consumption and Gini coefficients as metrics of energy distribution and equity. Energy Policy, 2005, 33, 1825-1832.	8.8	158
149	Mortality and Greenhouse Gas Impacts of Biomass and Petroleum Energy Futures in Africa. Science, 2005, 308, 98-103.	12.6	263
150	ENERGY MANAGEMENT AND GLOBAL HEALTH. Annual Review of Environment and Resources, 2004, 29, 383-419.	13.4	56
151	ASSESSING THE COSTS OF ELECTRICITY. Annual Review of Environment and Resources, 2004, 29, 301-344.	13.4	82
152	Fuel cell system economics: comparing the costs of generating power with stationary and motor vehicle PEM fuel cell systems. Energy Policy, 2004, 32, 101-125.	8.8	112
153	Greenhouse Gas Implications of Household Energy Technology in Kenya. Environmental Science & Technology, 2003, 37, 2051-2059.	10.0	68
154	Household Energy, Indoor Air Pollution, and Health in Developing Countries: Knowledge Base for Effective Interventions. Annual Review of Environment and Resources, 2002, 27, 233-270.	1.2	83
155	The health impacts of exposure to indoor air pollution from solid fuels in developing countries: knowledge, gaps, and data needs.. Environmental Health Perspectives, 2002, 110, 1057-1068.	6.0	347
156	Energy R&D: investment challenge. Materials Today, 2002, 5, 28-33.	14.2	23
157	Photovoltaic module quality in the Kenyan solar home systems market. Energy Policy, 2002, 30, 477-499.	8.8	78
158	Evaluating the health benefits of transitions in household energy technologies in Kenya. Energy Policy, 2002, 30, 815-826.	8.8	71
159	Worker Exposure and Health Risks from Volatile Organic Compounds Utilized in the Paint Manufacturing Industry of Kenya. Journal of Occupational and Environmental Hygiene, 2001, 16, 1035-1042.	0.4	10
160	Indoor air pollution from biomass combustion and acute respiratory infections in Kenya: an exposure-response study. Lancet, The, 2001, 358, 619-624.	13.7	425
161	Vernacular Models of Development: An Analysis of Indonesia Under the –New Order– World Development, 2001, 29, 619-639.	4.9	53
162	Towards an Integrated Framework for Development and Environment Policy: The Dynamics of Environmental Kuznets Curves. World Development, 2001, 29, 1421-1434.	4.9	64

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163	From Linear Fuel Switching to Multiple Cooking Strategies: A Critique and Alternative to the Energy Ladder Model. <i>World Development</i> , 2000, 28, 2083-2103.	4.9	696
164	Sustainable energy and health. <i>EcoHealth</i> , 2000, 1, 78-87.	0.5	6
165	CLIMATE CHANGE: Equity and Greenhouse Gas Responsibility. <i>Science</i> , 2000, 289, 2287-2287.	12.6	123
166	Comparison of Emissions and Residential Exposure from Traditional and Improved Cookstoves in Kenya. <i>Environmental Science &amp; Technology</i> , 2000, 34, 578-583.	10.0	119
167	Evidence of under-investment in energy R&D in the United States and the impact of Federal policy. <i>Energy Policy</i> , 1999, 27, 575-584.	8.8	109
168	A Comparison of Regulatory Implications of Traditional and Exact Two-Stage Dose-Response Models. <i>Risk Analysis</i> , 1999, 19, 15-22.	2.7	1
169	Title is missing!. <i>Risk Analysis</i> , 1999, 19, 15-22.	2.7	0
170	Underinvestment: The Energy Technology and R&D Policy Challenge. <i>Science</i> , 1999, 285, 690-692.	12.6	148
171	Bringing Power to the People: Promoting Appropriate Energy Technologies in the Developing World. <i>Environment</i> , 1999, 41, 10-15.	1.4	41
172	National trajectories of carbon emissions: analysis of proposals to foster the transition to low-carbon economies. <i>Global Environmental Change</i> , 1998, 8, 183-208.	7.8	40
173	The Epistemology of Sustainable Resource Use: Managing Forest Products, Swiddens, and High-Yielding Variety Crops. <i>Human Organization</i> , 1997, 56, 91-101.	0.3	95
174	The quiet (energy) revolution. <i>Energy Policy</i> , 1996, 24, 81-111.	8.8	123
175	Cookstoves for the Developing World. <i>Scientific American</i> , 1995, 273, 72-75.	1.0	72
176	Quantifying the credibility of energy projections from trends in past data. <i>Energy Policy</i> , 1994, 22, 119-130.	8.8	126
177	Energy Resources and Development in Vietnam. <i>Annual Review of Environment and Resources</i> , 1993, 18, 137-167.	1.2	9
178	Sea-level rise or fall?. <i>Nature</i> , 1992, 357, 25-25.	27.8	31
179	Collective frequencies and metastability in networks of limit-cycle oscillators with time delay. <i>Physical Review Letters</i> , 1991, 67, 2753-2756.	7.8	195
180	Oscillator-phase coupling for different two-dimensional network connectivities. <i>Physical Review A</i> , 1991, 44, 6895-6904.	2.5	41

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181	Cooking in the sunshine. Nature, 1990, 348, 385-386.	27.8	11
182	Comparative study of box-type solar cookers in nicaragua. Solar & Wind Technology, 1990, 7, 463-471.	0.2	9
183	Pure orientation filtering: A scale-invariant image-processing tool for perception research and data compression. Behavior Research Methods, 1986, 18, 559-564.	1.3	13
184	Solar Innovation and Market Feedback: Solar Photovoltaics in Rural Kenya. , 0, , 244-256.		0
185	Science, Society and the Environment. , 0, , .		9