

Robert Bailis

List of Publications by Year in descending order

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Version: 2024-02-01

68
papers

3,059
citations

218677

26
h-index

168389

53
g-index

73
all docs

73
docs citations

73
times ranked

3055
citing authors

#	ARTICLE	IF	CITATIONS
1	A systematic review of household energy transition in low and middle income countries. <i>Energy Research and Social Science</i> , 2022, 86, 102463.	6.4	21
2	A comparative analysis of bioeconomy visions and pathways based on stakeholder dialogues in Colombia, Rwanda, Sweden, and Thailand. <i>Journal of Environmental Policy and Planning</i> , 2022, 24, 680-700.	2.8	10
3	Assessing the Effects of Stove Use Patterns and Kitchen Chimneys on Indoor Air Quality during a Multiyear Cookstove Randomized Control Trial in Rural India. <i>Environmental Science & Technology</i> , 2022, 56, 8326-8337.	10.0	14
4	In-use emissions from biomass and LPG stoves measured during a large, multi-year cookstove intervention study in rural India. <i>Science of the Total Environment</i> , 2021, 758, 143698.	8.0	29
5	Energy access and the ultra-poor: Do unconditional social cash transfers close the energy access gap in Malawi?. <i>Energy for Sustainable Development</i> , 2021, 60, 102-112.	4.5	16
6	Forest, farms and fuelwood: Measuring changes in fuelwood collection and consumption behavior from a clean cooking intervention. <i>Energy for Sustainable Development</i> , 2021, 61, 196-205.	4.5	13
7	Low-cost interventions to reduce emissions and fuel consumption in open wood fires in rural communities: Evidence from field surveys. <i>Energy for Sustainable Development</i> , 2021, 63, 145-152.	4.5	3
8	Opening the black pot: A service design-driven approach to understanding the use of cleaner cookstoves in peri-urban Kenya. <i>Energy Research and Social Science</i> , 2020, 70, 101754.	6.4	16
9	Capital cost subsidies through India's Ujjwala cooking gas programme promote rapid adoption of liquefied petroleum gas but not regular use. <i>Nature Energy</i> , 2020, 5, 125-126.	39.5	22
10	Everybody stacks: Lessons from household energy case studies to inform design principles for clean energy transitions. <i>Energy Policy</i> , 2020, 141, 111468.	8.8	109
11	The risk of survey bias in self-reports vs. actual consumption of clean cooking fuels. <i>World Development Perspectives</i> , 2020, 18, 100199.	2.0	12
12	Low-cost interventions to reduce emissions and fuel consumption in open wood fires in rural communities. <i>Energy for Sustainable Development</i> , 2020, 58, 119-128.	4.5	5
13	Enhancing clean cooking options in peri-urban Kenya: a pilot study of advanced gasifier stove adoption. <i>Environmental Research Letters</i> , 2020, 15, 084017.	5.2	13
14	Integrated policy assessment and optimisation over multiple sustainable development goals in Eastern Africa. <i>Environmental Research Letters</i> , 2019, 14, 094001.	5.2	27
15	Using sales data to assess cooking gas adoption and the impact of India's Ujjwala programme in rural Karnataka. <i>Nature Energy</i> , 2019, 4, 806-814.	39.5	87
16	Aligning evidence generation and use across health, development, and environment. <i>Current Opinion in Environmental Sustainability</i> , 2019, 39, 81-93.	6.3	16
17	Determinants of Cookstoves and Fuel Choice Among Rural Households in India. <i>EcoHealth</i> , 2019, 16, 21-60.	2.0	31
18	Discussion of forest definitions and tree cover estimates for Haiti. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 5202-5203.	7.1	8

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19	SDG 7: Affordable and Clean Energy – How Access to Affordable and Clean Energy Affects Forests and Forest-Based Livelihoods. , 2019, , 206-236.		3
20	Potential environmental benefits from woodfuel transitions in Haiti: Geospatial scenarios to 2027. Environmental Research Letters, 2018, 13, 035007.	5.2	12
21	Africa Biogas Partnership Program: A review of clean cooking implementation through market development in East Africa. Energy for Sustainable Development, 2018, 46, 23-31.	4.5	88
22	Assessment of the Cambodian National Biogas Program. Energy for Sustainable Development, 2018, 46, 11-22.	4.5	14
23	Getting the numbers right: revisiting woodfuel sustainability in the developing world. Environmental Research Letters, 2017, 12, 115002.	5.2	43
24	A Global Synthesis of Jatropha Cultivation: Insights into Land Use Change and Management Practices. Environmental Science & Technology, 2016, 50, 8993-9002.	10.0	10
25	Identification of advantageous electricity generation options in sub-Saharan Africa integrating existing resources. Nature Energy, 2016, 1, .	39.5	51
26	Spatiotemporal modeling of fuelwood environmental impacts: Towards improved accounting for non-renewable biomass. Environmental Modelling and Software, 2016, 82, 241-254.	4.5	23
27	A novel bioenergy feedstock in Latin America? Cultivation potential of Acrocomia aculeata under current and future climate conditions. Biomass and Bioenergy, 2016, 91, 186-195.	5.7	29
28	Environmental Burden of Traditional Bioenergy Use. Annual Review of Environment and Resources, 2015, 40, 121-150.	13.4	83
29	The carbon footprint of traditional woodfuels. Nature Climate Change, 2015, 5, 266-272.	18.8	323
30	Foreign policy –trilemmas–: understanding China's stance on international cap-and-trade. Climate Policy, 2015, 15, 494-516.	5.1	5
31	The revolution from the kitchen: Social processes of the removal of traditional cookstoves in Himachal Pradesh, India. Energy for Sustainable Development, 2015, 27, 127-136.	4.5	31
32	Biofuel sustainability in Latin America and the Caribbean – a review of recent experiences and future prospects. Biofuels, 2014, 5, 469-485.	2.4	15
33	Potential greenhouse gas benefits of transatlantic wood pellet trade. Environmental Research Letters, 2014, 9, 024007.	5.2	51
34	Comparative analysis of key socio-economic and environmental impacts of smallholder and plantation based jatropha biofuel production systems in Tanzania. Biomass and Bioenergy, 2014, 61, 25-45.	5.7	68
35	Is Use of Both Pulpwood and Logging Residues Instead of Only Logging Residues for Bioenergy Development a Viable Carbon Mitigation Strategy?. Bioenergy Research, 2014, 7, 217-231.	3.9	21
36	Diffusion of non-traditional cookstoves across western Honduras: A social network analysis. Energy Policy, 2014, 66, 379-389.	8.8	26

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37	Current debates and future research needs in the clean cookstove sector. <i>Energy for Sustainable Development</i> , 2014, 20, 49-57.	4.5	79
38	Wasteland energy-scapes: A comparative energy flow analysis of India's biofuel and biomass economies. <i>Ecological Economics</i> , 2014, 108, 8-17.	5.7	34
39	International Sustainability Standards and Certification. , 2014, , 27-69.		15
40	Brazil: Biodiesel. , 2014, , 103-126.		3
41	Cogenerating electricity from charcoaling: A promising new advanced technology. <i>Energy for Sustainable Development</i> , 2013, 17, 171-176.	4.5	28
42	Innovation in charcoal production: A comparative life-cycle assessment of two kiln technologies in Brazil. <i>Energy for Sustainable Development</i> , 2013, 17, 189-200.	4.5	70
43	Environmental Implications of Jatropha Biofuel from a Silvi-Pastoral Production System in Central-West Brazil. <i>Environmental Science & Technology</i> , 2013, 47, 8042-8050.	10.0	12
44	Insights into Jatropha Projects Worldwide - Key Facts & Figures from a Global Survey. <i>SSRN Electronic Journal</i> , 2013, , .	0.4	9
45	Environmental and social implications of integrated seawater agriculture systems producing <i>Salicornia bigelovii</i> for biofuel. <i>Biofuels</i> , 2012, 3, 555-574.	2.4	20
46	Perceptions of stakeholders about nontraditional cookstoves in Honduras. <i>Environmental Research Letters</i> , 2012, 7, 044036.	5.2	15
47	Low demand for nontraditional cookstove technologies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 10815-10820.	7.1	240
48	Biofuels investments in tropical forest-rich countries: implications for responsible finance. <i>Sustainability Accounting, Management and Policy Journal</i> , 2012, 3, 134-160.	4.1	9
49	Ecological Sustainability of Woodfuel as an Energy Source in Rural Communities. , 2012, , 299-325.		5
50	Global Warming Impact of E85 Fuel Derived from Forest Biomass: A Case Study from Southern USA. <i>Bioenergy Research</i> , 2012, 5, 470-480.	3.9	7
51	Impact of payments for carbon sequestered in wood products and avoided carbon emissions on the profitability of NIPF landowners in the US South. <i>Ecological Economics</i> , 2012, 78, 63-69.	5.7	16
52	A landscape-based approach for assessing spatiotemporal impacts of forest biomass-based electricity generation on the age structure of surrounding forest plantations in the Southern United States. <i>GCB Bioenergy</i> , 2012, 4, 342-357.	5.6	2
53	Constructing Sustainable Biofuels: Governance of the Emerging Biofuel Economy. <i>Annals of the American Association of Geographers</i> , 2011, 101, 827-838.	3.0	81
54	Carbon impacts of direct land use change in semiarid woodlands converted to biofuel plantations in India and Brazil. <i>GCB Bioenergy</i> , 2011, 3, 449-460.	5.6	53

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55	Quantifying GWI of Wood Pellet Production in the Southern United States and Its Subsequent Utilization for Electricity Production in The Netherlands/Florida. <i>Bioenergy Research</i> , 2011, 4, 180-192.	3.9	39
56	Energy and Poverty: The Perspective of Poor Countries. , 2011, , .		2
57	Greenhouse Gas Emissions and Land Use Change from <i>Jatropha Curcas</i> -Based Jet Fuel in Brazil. <i>Environmental Science & Technology</i> , 2010, 44, 8684-8691.	10.0	124
58	Arresting the Killer in the Kitchen: The Promises and Pitfalls of Commercializing Improved Cookstoves. <i>World Development</i> , 2009, 37, 1694-1705.	4.9	120
59	Modeling climate change mitigation from alternative methods of charcoal production in Kenya. <i>Biomass and Bioenergy</i> , 2009, 33, 1491-1502.	5.7	45
60	Monitoring and evaluation of improved biomass cookstove programs for indoor air quality and stove performance: conclusions from the Household Energy and Health Project. <i>Energy for Sustainable Development</i> , 2007, 11, 5-18.	4.5	130
61	Performance testing for monitoring improved biomass stove interventions: experiences of the Household Energy and Health Project. <i>Energy for Sustainable Development</i> , 2007, 11, 57-70.	4.5	124
62	Climate change mitigation and sustainable development through carbon sequestration: experiences in Latin America. <i>Energy for Sustainable Development</i> , 2006, 10, 74-87.	4.5	12
63	Mortality and Greenhouse Gas Impacts of Biomass and Petroleum Energy Futures in Africa. <i>Science</i> , 2005, 308, 98-103.	12.6	263
64	The Role of Technology Management in the Dynamics of Greenhouse Gas Emissions From Household Energy Use in Sub-Saharan Africa. <i>Journal of Environment and Development</i> , 2005, 14, 149-174.	3.2	4
65	Wood in Household Energy Use. , 2004, , 509-526.		10
66	ENERGY MANAGEMENT AND GLOBAL HEALTH. <i>Annual Review of Environment and Resources</i> , 2004, 29, 383-419.	13.4	56
67	Greenhouse Gas Implications of Household Energy Technology in Kenya. <i>Environmental Science & Technology</i> , 2003, 37, 2051-2059.	10.0	68
68	Voluntary Emissions Reduction. , 0, , 241-273.		0