## Solar electricity in Africa

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**Citation Report** 

#	Article	IF	CITATIONS
1	Information Networking as an Instrument of Sustainable Development. Social Science Computer Review, 1999, 17, 107-114.	2.6	8
3	Sukatani revisited: on the performance of nine-year-old solar home systems and street lighting systems in Indonesia. Renewable and Sustainable Energy Reviews, 1999, 3, 1-47.	8.2	39
4	From candles to PV electricity: a four-year experience at Iguape-Cananï;½ia, Brazil. Progress in Photovoltaics: Research and Applications, 2000, 8, 421-434.	4.4	17
5	Power sector reform and distributed generation in sub-Saharan Africa. Energy Policy, 2001, 29, 135-145. World Bank/GEF solar home system projects: experiences and lessons learned 1993–20001Eric Martinot	4.2	57
6	conducted the work herein as an Associate of the Stockholm Environment Institute, Boston. He currently works for the Global Environment Facility. Anil Cabraal is a Senior Renewable Energy Specialist in the World Bank's Asia Alternative Energy Program. Subodh Mathur is a consultant to the World Bank and its Africa Rural and Renewable Energy Initiative. Views expressed are solely those of	8.2	124
7	the authors and do not. Renewable and Sustainable Energy Reviews, 2001, 5, 39-57. Energy demand in solar home systems: the case of the communities in Ribeira Valley in the state of São Paulo, Brazil. Progress in Photovoltaics: Research and Applications, 2001, 9, 379-388.	4.4	12
8	Solar home system battery and charge regulator testing. Progress in Photovoltaics: Research and Applications, 2001, 9, 363-377.	4.4	17
9	Experience with solar home systems in developing countries: a review. Progress in Photovoltaics: Research and Applications, 2001, 9, 455-474.	4.4	150
10	Testing of fluorescent DC lamps for Solar Home Systems. Progress in Photovoltaics: Research and Applications, 2001, 9, 475-489.	4.4	9
11	Making the energy transition in rural east Africa: Is leapfrogging an alternative?. Technological Forecasting and Social Change, 2001, 68, 173-193.	6.2	139
12	Environmental Impact of Photovoltaic Electrification in Rural Areas. Energy and Environment, 2002, 13, 81-104.	2.7	10
13	Renewable Energy Markets in Developing Countries. Annual Review of Environment and Resources, 2002, 27, 309-348.	1.2	316
14	Electricity sector reform in Cameroon: is privatization the solution?. Energy Policy, 2002, 30, 999-1012.	4.2	30
15	Thailand's solar white elephants: an analysis of 15yr of solar battery charging programmes in northern Thailand. Energy Policy, 2004, 32, 747-760.	4.2	25
16	Nigeria's electric power sector reform: what should form the key objectives?. Energy Policy, 2005, 33, 1213-1221.	4.2	54
17	Are new institutional economics enough? Promoting photovoltaics in India's agricultural sector. Energy Policy, 2005, 33, 1883-1899.	4.2	48
18	Energy for development: solar home systems in Africa and global carbon emissions. , 2005, , 163-171.		2
19	Solar photovoltaic water pumping in India: a financial evaluation. International Journal of Ambient Energy, 2005, 26, 135-146.	1.4	36

CITATION REPORT

#	Article	IF	CITATIONS
20	Specification and testing of PV pumps for a Moroccan project. Progress in Photovoltaics: Research and Applications, 2006, 14, 733-741.	4.4	10
21	The limits of human development and the use of energy and natural resources. Energy Policy, 2006, 34, 1026-1031.	4.2	78
22	Dynamics of Growth and Investment in the Kenyan Electric Power Sector. IEEE Power Engineering Society General Meeting, 2007, , .	0.0	3
23	Educational benefits from solar technology—Access to solar electric services and changes in children's study routines, experiences from eastern province Zambia. Energy Policy, 2007, 35, 1292-1299.	4.2	78
24	With time comes increased loads—An analysis of solar home system use in Lundazi, Zambia. Renewable Energy, 2007, 32, 796-813.	4.3	50
25	Connective Power: Solar Electrification and Social Change in Kenya. World Development, 2007, 35, 144-162.	2.6	181
26	The Commercialization of Solar Energy as a Means for Rural Development. , 2008, , .		2
27	An Infrastructure Problem in Ecological Economics: Solar Battery Recycling in Rural Electrification. SSRN Electronic Journal, 0, , .	0.4	0
28	Assessment and evaluation of PV based decentralized rural electrification: An overview. Renewable and Sustainable Energy Reviews, 2010, 14, 2266-2278.	8.2	179
29	Investigating technology transfer projects and institutional development in developing countries. Management of Environmental Quality, 2010, 21, 761-772.	2.2	6
30	Willingness to pay for renewable energy: Evidence from a contingent valuation survey in Kenya. Renewable and Sustainable Energy Reviews, 2011, 15, 2974-2983.	8.2	131
31	Renewable energy in Kenya: Resource potential and status of exploitation. Renewable and Sustainable Energy Reviews, 2011, 15, 2960-2973.	8.2	95
32	Power for Development: A Review of Distributed Generation Projects in the Developing World. Annual Review of Environment and Resources, 2012, 37, 107-136.	5.6	56
33	Modeling the transition towards a sustainable energy production in developing nations. Applied Energy, 2012, 94, 98-108.	5.1	22
34	Solar electricity generation: issues of development and impact on ICT implementation in Africa. Campus Wide Information Systems, 2013, 31, 46-62.	1.1	10
35	The Political Economy of Low Carbon Energy in Kenya. IDS Working Papers, 2014, 2014, 1-38.	0.8	20
36	Generating solar electricity by solar concentrators for web-based learning in rural areas in Tanzania: Issues of practice and impacts. , 2014, , .		0
37	Electrification and rural development: issues of scale in distributed generation. Wiley Interdisciplinary Reviews: Energy and Environment, 2015, 4, 196-211.	1.9	30

	Сітаті	CITATION REPORT	
#	Article	IF	CITATIONS
38	Neoliberal energy transitions in the South: Kenyan experiences. Geoforum, 2016, 74, 39-48.	1.4	129
39	Off-grid solar PV: Is it an affordable or appropriate solution for rural electrification in Sub-Saharan African countries?. Renewable and Sustainable Energy Reviews, 2016, 60, 1405-1418.	8.2	134
40	Social enterprise development and renewable energy dissemination in Africa: The experience of the community charging station model in Sierra Leone. Progress in Development Studies, 2016, 16, 24-38.	1.0	27
41	Electricity planning and implementation in sub-Saharan Africa: A systematic review. Renewable and Sustainable Energy Reviews, 2017, 74, 1189-1209.	8.2	108
43	Energy consumption levels and technical approaches for supporting development of alternative energy technologies for rural sectors of developing countries. Renewable and Sustainable Energy Reviews, 2018, 97, 90-102.	8.2	54
44	To climb or not to climb? Investigating energy use behaviour among Solar Home System adopters through energy ladder and social practice lens. Energy Research and Social Science, 2018, 44, 293-303.	3.0	62
45	Quantitative failure rates and modes analysis in photovoltaic plants. Energy, 2019, 183, 825-836.	4.5	28
46	Relation between degradation of polymeric components in crystalline silicon PV module and climatic conditions: A literature review. Solar Energy Materials and Solar Cells, 2019, 192, 123-133.	3.0	160
47	The solar energy access in Kenya: a review focusing on Pay-As-You-Go solar home system. Environment, Development and Sustainability, 2020, 22, 3897-3938.	2.7	49
48	Solar Home Systems: A comprehensive literature review for Sub-Saharan Africa. Energy for Sustainable Development, 2020, 58, 78-89.	2.0	40
49	Decentralization: the key to accelerating access to distributed energy services in sub-Saharan Africa?. Journal of Environmental Studies and Sciences, 2020, 10, 270-289.	0.9	25
51	Economic Status and Use of Complimentary Energy Sources to Electricity among Households within Nakuru Municipality. International Journal of Economics Finance and Management Sciences, 2015, 3, 16.	0.1	0
52	Household Unit Factors and Efficient Electricity Use: A Review of Households in Nakuru Town Housing Estates. International Journal of Economics Finance and Management Sciences, 2015, 3, 68.	0.1	0
53	Market Development Models for Household PV Systems in Developing Countries. , 2020, , 3040-3043.		0
54	Forecasting Solar Home System Customers' Electricity Usage with a 3D Convolutional Neural Network to Improve Energy Access. Energies, 2022, 15, 857.	1.6	3