

Josephine Kaviti Musango

List of Publications by Year in descending order

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48
papers

1,281
citations

304602

22
h-index

377752

34
g-index

48
all docs

48
docs citations

48
times ranked

1319
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of living labs to support gendered energy technology innovation in poor urban environments. <i>Technology in Society</i> , 2022, 68, 101850.	4.8	9
2	Towards a theoretical framework for gendered energy transition at the urban household level: A case of Mozambique. <i>Renewable and Sustainable Energy Reviews</i> , 2022, 157, 112029.	8.2	5
3	Energy price modeling in sub-Saharan Africa: an systematic literature review. <i>Environmental Research: Infrastructure and Sustainability</i> , 2022, 2, 015001.	0.9	2
4	Addressing gender dimensions in energy innovations: A gender analysis framework for informal urban settlements in Africa. <i>Energy Research and Social Science</i> , 2022, 88, 102476.	3.0	12
5	Assessing gender and energy in urban household energy transitions in South Africa: A quantitative storytelling from Groenheuwel informal settlement. <i>Energy Research and Social Science</i> , 2022, 88, 102525.	3.0	10
6	Supporting the Development of Gendered Energy Innovations for Informal Urban Settlements: GENS Codesign Toolkit for Multistakeholder Collaboration. <i>Sustainability</i> , 2022, 14, 6291.	1.6	2
7	Building capacity towards what? Proposing a framework for the analysis of energy transition governance in the context of urban informality in Sub-Saharan Africa. <i>Local Environment</i> , 2021, 26, 364-378.	1.1	10
8	Towards a Systemic Assessment of Gendered Energy Transition in Urban Households. <i>Energies</i> , 2021, 14, 7251.	1.6	3
9	Connecting energy services, carriers and flows: Rethinking household energy metabolism in Cape Town, South Africa. <i>Energy Research and Social Science</i> , 2020, 60, 101313.	3.0	16
10	Mainstreaming gender to achieve security of energy services in poor urban environments. <i>Energy Research and Social Science</i> , 2020, 70, 101715.	3.0	30
11	Urban metabolism of the informal city: Probing and measuring the "unmeasurable" to monitor Sustainable Development Goal 11 indicators. <i>Ecological Indicators</i> , 2020, 119, 106746.	2.6	18
12	Interrogating differences: A comparative analysis of Africa's informal settlements. <i>World Development</i> , 2019, 122, 614-627.	2.6	26
13	A system dynamics approach to modelling the management of the increased prediabetic prevalence of the South African population. , 2019, , .		0
14	Mediating household energy transitions through co-design in urban Kenya, Uganda and South Africa. <i>Energy Research and Social Science</i> , 2019, 55, 208-217.	3.0	53
15	Perpetuating energy poverty: Assessing roadmaps for universal energy access in unmet African electricity markets. <i>Energy Research and Social Science</i> , 2019, 55, 1-13.	3.0	31
16	Sustainable energy transition framework for unmet electricity markets. <i>Energy Policy</i> , 2019, 129, 1090-1099.	4.2	41
17	Understanding electricity legitimacy dynamics in an urban informal settlement in South Africa: A Community Based System Dynamics approach. <i>Energy for Sustainable Development</i> , 2019, 49, 39-52.	2.0	33
18	Conceptualizing Household Energy Metabolism: A Methodological Contribution. <i>Energies</i> , 2019, 12, 4125.	1.6	7

#	ARTICLE	IF	CITATIONS
19	Control Theory and System Dynamics Simulations of Electric Vehicle Market Penetration in South Africa. Lecture Notes in Electrical Engineering, 2019, , 403-413.	0.3	0
20	Proposing a master's programme on participatory integrated assessment of energy systems to promote energy access and energy efficiency in Southern Africa. International Journal of Sustainability in Higher Education, 2018, 19, 622-641.	1.6	2
21	The Correlation between Energy Cost Share, Human, and Economic Development: Using Time Series Data from Australasia, Europe, North America, and the BRICS Nations. Energies, 2018, 11, 2405.	1.6	2
22	Strategic Investment to Increase Access to Finance Among Mini-Grid ESCOs : Perspectives from sub-Saharan Africa. , 2018, , .		5
23	Estimating current and future global urban domestic material consumption. Environmental Research Letters, 2018, 13, 065012.	2.2	17
24	Conceptualising slum in an urban African context. Cities, 2017, 62, 107-119.	2.7	47
25	African Urbanization: Assimilating Urban Metabolism into Sustainability Discourse and Practice. Journal of Industrial Ecology, 2017, 21, 1262-1276.	2.8	39
26	Developing building typologies to examine energy efficiency in representative low cost buildings in Cape Town townships. Sustainable Cities and Society, 2017, 33, 1-17.	5.1	23
27	Infrastructure implications of a green economy transition in the Western Cape Province of South Africa: A system dynamics modelling approach. Development Southern Africa, 2017, 34, 529-547.	1.1	7
28	Urban metabolism: A review with reference to Cape Town. Cities, 2017, 70, 91-110.	2.7	38
29	Environmental and natural resource implications of sustainable urban infrastructure systems. Environmental Research Letters, 2017, 12, 125009.	2.2	13
30	Implications of biofuel production in the Western Cape province, South Africa: A system dynamics modelling approach of South Africa: A system dynamics modelling approach. Journal of Energy in Southern Africa, 2017, 28, 1.	0.5	10
31	LEAPFROGGING TO RENEWABLE ENERGY: THE OPPORTUNITY FOR UNMET ELECTRICITY MARKETS. South African Journal of Industrial Engineering, 2017, 28, .	0.2	6
32	IMPLICATIONS FOR THE AGRICULTURE SECTOR OF A GREEN ECONOMY TRANSITION IN THE WESTERN CAPE PROVINCE OF SOUTH AFRICA: A SYSTEM DYNAMICS MODELLING APPROACH TO FOOD CROP PRODUCTION. South African Journal of Industrial Engineering, 2017, 28, .	0.2	0
33	Developmental States and Sustainability Transitions: Prospects of a Just Transition in South Africa. Journal of Environmental Policy and Planning, 2016, 18, 650-672.	1.5	124
34	Probing uncertainty levels of electrification in informal urban settlements: A case from South Africa. Habitat International, 2016, 56, 212-221.	2.3	35
35	INVESTIGATING A GREEN ECONOMY TRANSITION OF THE ELECTRICITY SECTOR IN THE WESTERN CAPE PROVINCE OF SOUTH AFRICA: A SYSTEM DYNAMICS APPROACH. South African Journal of Industrial Engineering, 2016, 27, .	0.2	2
36	Towards connecting green economy with informal economy in South Africa: A review and way forward. Ecological Economics, 2015, 116, 154-159.	2.9	46

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37	Towards Urban Resource Flow Estimates in Data Scarce Environments: The Case of African Cities. <i>Journal of Environmental Protection</i> , 2015, 06, 1066-1083.	0.3	22
38	Modelling the transition towards a green economy in South Africa. <i>Technological Forecasting and Social Change</i> , 2014, 87, 257-273.	6.2	49
39	Household electricity access and consumption behaviour in an urban environment: The case of Gauteng in South Africa. <i>Energy for Sustainable Development</i> , 2014, 23, 305-316.	2.0	32
40	A system dynamics approach to technology sustainability assessment: The case of biodiesel developments in South Africa. <i>Technovation</i> , 2012, 32, 639-651.	4.2	42
41	Technology sustainability assessment of biodiesel development in South Africa: A system dynamics approach. <i>Energy</i> , 2011, 36, 6922-6940.	4.5	32
42	A conceptual framework for energy technology sustainability assessment. <i>Energy for Sustainable Development</i> , 2011, 15, 84-91.	2.0	77
43	Community perspectives on the introduction of biodiesel production in the Eastern Cape Province of South Africa. <i>Energy</i> , 2011, 36, 2502-2508.	4.5	44
44	Biofuels and sustainability in Africa. <i>Renewable and Sustainable Energy Reviews</i> , 2011, 15, 1360-1372.	8.2	210
45	An analysis of potential feedstock and location for biodiesel production in Southern Africa. <i>International Journal of Sustainable Energy</i> , 2011, 30, S35-S58.	1.3	6
46	A dynamic ecological-economic modeling approach for aquaculture management. <i>Ecological Economics</i> , 2009, 68, 3007-3017.	2.9	36
47	Modelling gendered innovation for the security of energy services in poor urban environments. <i>Systems Research and Behavioral Science</i> , 0, , .	0.9	6
48	RETHINKING STRATEGIC SUSTAINABILITY PLANNING FOR THE ELECTRICITY SECTOR IN SOUTH AFRICA. <i>South African Journal of Industrial Engineering</i> , 0, , .	0.2	1