Fabio Riva

List of Publications by Year
in descending order

15	464	933447 10	1058476 14
papers	citations	h-index	g-index

15	15	15	504
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	When complexity turns into local prosperity: A system dynamics approach to meeting the challenges of the rural electricity-development nexus. Energy for Sustainable Development, 2020, 59, 226-242.	4.5	8
2	System-dynamics modelling of the electricity-development nexus in rural electrification based on a Tanzanian case study. Energy for Sustainable Development, 2020, 56, 128-143.	4.5	19
3	Towards modelling diffusion mechanisms for sustainable off-grid electricity planning. Energy for Sustainable Development, 2019, 52, 11-25.	4.5	10
4	A two-stage linear programming optimization framework for isolated hybrid microgrids in a rural context: The case study of the â€œEl Espinoâ€•community. Energy, 2019, 188, 116073.	8.8	45
5	Modelling long-term electricity load demand for rural electrification planning. , 2019, , .		5
6	Enabling combined access to electricity and clean cooking with PV-microgrids: new evidences from a high-resolution model of cooking loads. Energy for Sustainable Development, 2019, 49, 78-88.	4.5	31
7	Soft-linking energy demand and optimisation models for local long-term electricity planning: An application to rural India. Energy, 2019, 166, 32-46.	8.8	42
8	Electricity access and rural development: Review of complex socio-economic dynamics and causal diagrams for more appropriate energy modelling. Energy for Sustainable Development, 2018, 43, 203-223.	4.5	140
9	Long-term energy planning and demand forecast in remote areas of developing countries: Classification of case studies and insights from a modelling perspective. Energy Strategy Reviews, 2018, 20, 71-89.	7.3	43
10	Dealing with small sets of laboratory test replicates for Improved Cooking Stoves (ICSs): Insights for a robust statistical analysis of results. Biomass and Bioenergy, 2018, 115, 27-34.	5.7	8
11	Laboratory Testing of the Innovative Low-Cost Mewar Angithi Insert for Improving Energy Efficiency of Cooking Tasks on Three-Stone Fires in Critical Contexts. Energies, 2018, 11, 3463.	3.1	2
12	Laboratory protocols for testing of Improved Cooking Stoves (ICSs): A review of state-of-the-art and further developments. Biomass and Bioenergy, 2017, 98, 321-335.	5.7	45
13	Cooking in refugee camps and informal settlements: A review of available technologies and impacts on the socio-economic and environmental perspective. Sustainable Energy Technologies and Assessments, 2017, 22, 194-207.	2.7	40
14	Design and performance evaluation of solar cookers for developing countries: The case of Mutoyi, Burundi. International Journal of Energy Research, 2017, 41, 2206-2220.	4.5	17
15	Fuzzy interval propagation of uncertainties in experimental analysis for improved and traditional three â€“ Stone fire cookstoves. Sustainable Energy Technologies and Assessments, 2016, 18, 59-68.	2.7	9