

# Fabio Riva

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7403428/publications.pdf>

Version: 2024-02-01

15  
papers

464  
citations

933447

10  
h-index

1058476

14  
g-index

15  
all docs

15  
docs citations

15  
times ranked

504  
citing authors

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