

# Sascha Samadi

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

14  
papers

365  
citations

10  
h-index

14  
g-index

14  
ext. papers

471  
ext. citations

8.4  
avg, IF

4.39  
L-index

#	Paper	IF	Citations
14	Assessing the need for critical minerals to shift the German energy system towards a high proportion of renewables. <i>Renewable and Sustainable Energy Reviews</i> , <b>2015</b> , 49, 655-671	16.2	69
13	A pathway design framework for national low greenhouse gas emission development strategies. <i>Nature Climate Change</i> , <b>2019</b> , 9, 261-268	21.4	55
12	The experience curve theory and its application in the field of electricity generation technologies □ A literature review. <i>Renewable and Sustainable Energy Reviews</i> , <b>2018</b> , 82, 2346-2364	16.2	52
11	Sufficiency in energy scenario studies: Taking the potential benefits of lifestyle changes into account. <i>Technological Forecasting and Social Change</i> , <b>2017</b> , 124, 126-134	9.5	32
10	The Social Costs of Electricity Generation □ Categorising Different Types of Costs and Evaluating Their Respective Relevance. <i>Energies</i> , <b>2017</b> , 10, 356	3.1	30
9	Scenario-based comparative assessment of potential future electricity systems □ A new methodological approach using Germany in 2050 as an example. <i>Applied Energy</i> , <b>2016</b> , 171, 555-580	10.7	27
8	Induced innovation in energy technologies and systems: a review of evidence and potential implications for CO2 mitigation. <i>Environmental Research Letters</i> , <b>2021</b> , 16, 043007	6.2	22
7	Blown by the wind. Replacing nuclear power in German electricity generation. <i>Environmental Science and Policy</i> , <b>2013</b> , 25, 234-241	6.2	19
6	Tracking sectoral progress in the deep decarbonisation of energy systems in Europe. <i>Energy Policy</i> , <b>2017</b> , 110, 509-517	7.2	18
5	Uncertainty management and the dynamic adjustment of deep decarbonization pathways. <i>Climate Policy</i> , <b>2016</b> , 16, S47-S62	5.3	16
4	A Review of Factors Influencing the Cost Development of Electricity Generation Technologies. <i>Energies</i> , <b>2016</b> , 9, 970	3.1	8
3	Long-term low greenhouse gas emission development strategies for achieving the 1.5 °C target □ insights from a comparison of German bottom-up energy scenarios. <i>Carbon Management</i> , <b>2018</b> , 9, 549-562	2.3	7
2	Risks and opportunities associated with decarbonising Rotterdam □ industrial cluster. <i>Environmental Innovation and Societal Transitions</i> , <b>2020</b> , 35, 414-428	7.6	6
1	An Integrated Comparative Assessment of Coal-Based Carbon Capture and Storage (CCS) Vis-À-Vis Renewable Energies in India □ Low Carbon Electricity Transition Scenarios. <i>Energies</i> , <b>2021</b> , 14, 262	3.1	4