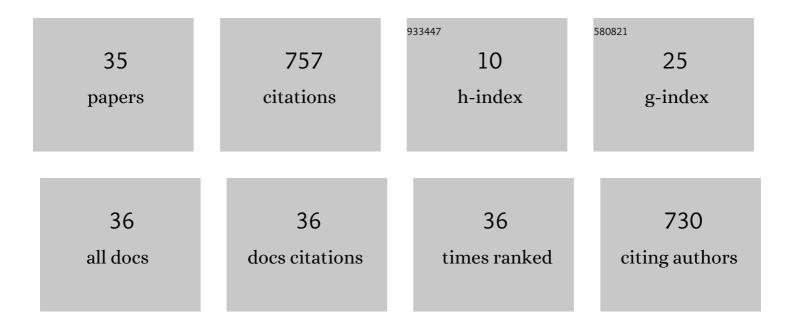
Anke Weidlich

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8311422/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	A critical survey of agent-based wholesale electricity market models. Energy Economics, 2008, 30, 1728-1759.	12.1	256
2	Optimal microgrid scheduling with peak load reduction involving an electrolyzer and flexible loads. Applied Energy, 2016, 169, 857-865.	10.1	83
3	An agent-based analysis of the German electricity market with transmission capacity constraints. Energy Policy, 2009, 37, 4132-4144.	8.8	56
4	Smart Houses in the Smart Grid: Developing an interactive network. IEEE Electrification Magazine, 2014, 2, 81-93.	1.8	51
5	Smart houses for a smart grid. , 2009, , .		37
6	Simulating the dynamics in two-settlement electricity markets via an agent-based approach. International Journal of Management Science and Engineering Management, 2006, 1, 83-97.	3.1	33
7	Integrated Multidimensional Sustainability Assessment of Energy System Transformation Pathways. Sustainability, 2021, 13, 5217.	3.2	27
8	Beyond climate change. Multi-attribute decision making for a sustainability assessment of energy system transformation pathways. Renewable and Sustainable Energy Reviews, 2022, 156, 111996.	16.4	24
9	The cost of providing operational flexibility from distributed energy resources. Applied Energy, 2020, 279, 115784.	10.1	21
10	Towards improved prosumer participation: Electricity trading in local markets. Energy, 2022, 239, 122445.	8.8	15
11	Monitoring and Control for Energy Efficiency in the Smart House. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2011, , 197-207.	0.3	13
12	Analyzing interrelated markets in the electricity sector — The case of wholesale power trading in Germany. , 2008, , .		11
13	Understanding Power Market Dynamics by Reflecting Market Interrelations and Flexibility-Oriented Bidding Strategies. Energies, 2022, 15, 494.	3.1	11
14	Getting more with less? Why repowering onshore wind farms does not always lead to more wind power generation – A German case study. Renewable Energy, 2021, 180, 245-257.	8.9	10
15	An MILP model for evaluating the optimal operation and flexibility potential of end-users. Applied Energy, 2021, 282, 116183.	10.1	9
16	Studying the effects of CO2 emissions trading on the electricity market: A multi-agent-based approach. , 2008, , 91-101.		9
17	Exploring long-term strategies for the german energy transition - A review of multi-Sector energy scenarios. Renewable and Sustainable Energy Transition, 2021, 1, 100010.	2.9	9
18	Profitability of photovoltaic and battery systems on municipal buildings. Renewable Energy, 2020, 153, 1163-1173.	8.9	8

ANKE WEIDLICH

#	Article	IF	CITATIONS
19	Prepared for regional self-supply? On the regional fit of electricity demand and supply in Germany. Energy Strategy Reviews, 2021, 34, 100609.	7.3	8
20	Operational Flexibility of Small-Scale Electricity-Coupled Heat Generating Units. Technology and Economics of Smart Grids and Sustainable Energy, 2019, 4, 1.	2.6	7
21	Analysis of Avoided Transmission Through Decentralized Photovoltaic and Battery Storage Systems. IEEE Transactions on Sustainable Energy, 2020, 11, 1922-1929.	8.8	7
22	Emissions trading and innovation in the German electricity industry — impact of possible design options for an emissions trading scheme on innovation strategies in the German electricity industry. , 2006, , 39-51.		7
23	Bidding Strategies for Flexible and Inflexible Generation in a Power Market Simulation Model. , 2018, , .		6
24	How much energy autonomy can decentralised photovoltaic generation provide? A case study for Southern Germany. Applied Energy, 2020, 280, 115947.	10.1	6
25	Agent-Based Simulations for Electricity Market Regulation Advice: Procedures and an Example. Jahrbucher Fur Nationalokonomie Und Statistik, 2008, 228, 149-172.	0.7	5
26	Energy-Efficient Computing and Networking. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2011, , .	0.3	4
27	Forecasting cross-border power transmission capacities in Central Western Europe using artificial neural networks. Energy Informatics, 2019, 2, .	2.3	4
28	Methodische Quantifizierung der Bereitstellungskosten flexibler Systemkomponenten im deutschen Stromsystem. Zeitschrift Für Energiewirtschaft, 2017, 41, 33-55.	0.2	3
29	Principal Cross-Border Flow Patterns in the European Electricity Markets. , 2019, , .		3
30	Decentralized Intelligence in Energy Efficient Power Systems. Energy Systems, 2012, , 467-486.	0.5	3
31	Tracing carbon dioxide emissions in the European electricity markets. , 2020, , .		2
32	Increasing the realism of electricity market modeling through market interrelations. , 2022, , .		2
33	Effects of a Coal Phase-Out on Market Dynamics: Results from a Simulation Model for Germany. , 2019, , .		1
34	Agent-Based Simulations for Electricity Market Regulation Advice: Procedures and an Example. SSRN Electronic Journal, 0, , .	0.4	1
35	Reducing Operational Costs of Offshore HVDC Energy Export Systems Through Optimized Maintenance. Energies, 2020, 13, 1146.	3.1	0