

# Reinhard Madlener

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7906108/publications.pdf>

Version: 2024-02-01

215  
papers

8,502  
citations

87888

38  
h-index

85541

71  
g-index

228  
all docs

228  
docs citations

228  
times ranked

5781  
citing authors

#	ARTICLE	IF	CITATIONS
1	Business models for peer-to-peer energy trading in Germany based on households' beliefs and preferences. Applied Energy, 2022, 306, 118053.	10.1	36
2	The electricity- and CO2-saving potentials offered by regulation of European video-streaming services. Energy Policy, 2022, 161, 112716.	8.8	14
3	Investing in power grid infrastructure as a flexibility option: A DSGE assessment for Germany. Energy Economics, 2022, 107, 105843.	12.1	9
4	Flexibility scores for energy transition pathways: Integrating socio-technical factors in a long-term energy market model. Energy Conversion and Management, 2022, 258, 115327.	9.2	10
5	Business model innovation for the energy market: Joint value creation for electricity retailers and their customers. Energy Research and Social Science, 2021, 73, 101878.	6.4	25
6	Sustainable operation of geothermal power plants: why economics matters. Geothermal Energy, 2021, 9, .	1.9	17
7	Auswirkungen von CO2-Preisen auf den Gebäudesektor, Verkehrs- und Energiesektor. Zeitschrift für Energiewirtschaft, 2021, 45, 91-107.	0.2	4
8	Energy Efficiency: What Has Research Delivered in the Last 40 Years?. Annual Review of Environment and Resources, 2021, 46, 135-165.	13.4	41
9	The sky is the limit: Assessing aircraft market diffusion with agent-based modeling. Journal of Air Transport Management, 2021, 96, 102104.	4.5	0
10	Assessing Local Power Generation Potentials of Photovoltaics, Engine Cogeneration, and Heat Pumps: The Case of a Major Swiss City. Energies, 2021, 14, 5432.	3.1	1
11	A pathway to green growth? Macroeconomic impacts of power grid infrastructure investments in Germany. Energy Policy, 2021, 156, 112289.	8.8	20
12	Revisiting heat energy consumption modeling: Household production theory applied to field experimental data. Energy Policy, 2021, 158, 112511.	8.8	1
13	Variable renewables and demand flexibility: Day-ahead versus intraday valuation. , 2021, , 309-327.		3
14	Comparative Analysis of Load Forecasting Models for Varying Time Horizons and Load Aggregation Levels. Energies, 2021, 14, 7128.	3.1	11
15	The economic potential of grid defection of energy prosumer households in Germany. Advances in Applied Energy, 2021, 4, 100075.	13.2	16
16	Heterogeneity in price responsiveness for residential space heating in Germany. Empirical Economics, 2020, 59, 2255-2281.	3.0	11
17	Sustainable energy transition and increasing complexity: Trade-offs, the economics perspective and policy implications. , 2020, , 251-286.		1
18	Green and regional? A multi-criteria assessment framework for the provision of green electricity for electric vehicles in Germany. Transportation Research, Part D: Transport and Environment, 2020, 87, 102504.	6.8	16

#	ARTICLE	IF	CITATIONS
19	Economic implications of forecasting electricity generation from variable renewable energy sources. Renewable Energy, 2020, 161, 1318-1327.	8.9	20
20	Using Value-Focused Thinking and Multicriteria Decision Making to Evaluate Energy Transition Alternatives. Decision Analysis, 2020, 17, 330-355.	2.1	7
21	Economic Feasibility of Semi-Underground Pumped Storage Hydropower Plants in Open-Pit Mines. Energies, 2020, 13, 4178.	3.1	16
22	Evaluation of Synergies in the Context of European Multi-Business Utilities. Energies, 2020, 13, 6676.	3.1	4
23	An Exploratory Economic Analysis of Underground Pumped-Storage Hydro Power Plants in Abandoned Deep Coal Mines. Energies, 2020, 13, 5634.	3.1	19
24	An integrated two-level demand-side management game applied to smart energy hubs with storage. Energy, 2020, 206, 118017.	8.8	31
25	A participatory stakeholder process for evaluating sustainable energy transition scenarios. Energy Policy, 2020, 139, 111277.	8.8	44
26	Assessing the potential of low-carbon technologies in the German energy system. Journal of Environmental Management, 2020, 262, 110345.	7.8	10
27	The continuing evolution of Energy Policy. Energy Policy, 2020, 139, 111459.	8.8	9
28	Li-ion battery storage in private households with PV systems: Analyzing the economic impacts of battery aging and pooling. Journal of Energy Storage, 2020, 29, 101407.	8.1	28
29	The rebound effect representation in climate and energy models. Environmental Research Letters, 2020, 15, 123010.	5.2	18
30	Direct and Indirect Energy Rebound Effects in German Households: A Linearized Almost Ideal Demand System Approach. Energy Journal, 2020, 41, 89-118.	1.7	9
31	Energy Supplier 2.0: A conceptual business model for energy suppliers aggregating flexible distributed assets and policy issues raised. Energy Policy, 2019, 135, 110911.	8.8	43
32	Energiewende @ Risk: On the Continuation of Renewable Power Generation at the End of Public Policy Support. Energies, 2019, 12, 3616.	3.1	6
33	Economic Modeling of the Economic Efficiency of Li-ion Battery Storage with a Special Focus on Residential PV Systems. Energy Procedia, 2019, 158, 3964-3975.	1.8	4
34	Two-Level Distributed Demand-Side Management Using the Smart Energy Hub Concept. Energy Procedia, 2019, 158, 3052-3063.	1.8	9
35	The value of enhanced flexibility of gas-fired power plants: A real options analysis. Applied Energy, 2019, 251, 113125.	10.1	21
36	Driven by change: Commercial drivers' acceptance and efficiency perceptions of light-duty electric vehicle usage in Germany. Transportation Research Part C: Emerging Technologies, 2019, 105, 262-282.	7.6	42

#	ARTICLE	IF	CITATIONS
37	General regionalization heuristic to map spatial heterogeneity of macroeconomic impacts: The case of the green energy transition in NRW. Utilities Policy, 2019, 58, 166-174.	4.0	9
38	Optimal Timing of Onshore Wind Repowering in Germany under Policy Regime Changes: A Real Options Analysis. Energies, 2019, 12, 4703.	3.1	14
39	Techno-economic analysis of micro fuel cell cogeneration and storage in Germany. Applied Energy, 2019, 235, 1603-1613.	10.1	34
40	Are Prosumer Households That Much Different? Evidence From Stated Residential Energy Consumption in Germany. Ecological Economics, 2019, 158, 101-115.	5.7	46
41	The gap between energy policy challenges and model capabilities. Energy Policy, 2019, 125, 503-520.	8.8	76
42	Potenziale zur Erhöhung des regionalen Markenkerns im Stromvertrieb am Beispiel der regionalen Grünstromkennzeichnung gemäß EEG 2017. Zeitschrift für Energiewirtschaft, 2018, 42, 35-55.	0.2	2
43	Potenziale zur Erhöhung des regionalen Markenkerns im Stromvertrieb am Beispiel der regionalen Grünstromkennzeichnung gemäß EEG 2017: Teil 2 (Multikriterien-Analyse). Zeitschrift für Energiewirtschaft, 2018, 42, 57-87.	0.2	1
44	CO2 mitigation costs of catalytic methane decomposition. Energy, 2018, 151, 826-838.	8.8	19
45	Driven by Change: Commercial Drivers' Acceptance and Perceived Efficiency of Using Light-Duty Electric Vehicles in Germany. SSRN Electronic Journal, 2018, , .	0.4	4
46	Strategic Demand Response to Dynamic Pricing: A Lab Experiment for the Electricity Market. SSRN Electronic Journal, 2018, , .	0.4	4
47	Fuzzy Portfolio Optimization of Power Generation Assets. Energies, 2018, 11, 3043.	3.1	4
48	Evaluating the enhanced flexibility of lignite-fired power plants: A real options analysis. Energy Conversion and Management, 2018, 177, 737-749.	9.2	15
49	Shall I open the window? Policy implications of thermal-comfort adjustment practices in residential buildings. Energy Policy, 2018, 119, 518-527.	8.8	18
50	Technology, business model, and market design adaptation toward smart electricity distribution: Insights for policy making. Energy Policy, 2018, 121, 426-440.	8.8	44
51	Consumer behavior in energy-efficient homes: The limited merits of energy performance ratings as benchmarks. Energy and Buildings, 2018, 172, 405-413.	6.7	15
52	The nexus between natural gas spot and futures prices at NYMEX: Do weather shocks and non-linear causality in low frequencies matter?. Journal of Economic Asymmetries, 2018, 18, e00100.	3.5	2
53	Impacts of an ice-free Northeast Passage on LNG markets and geopolitics. Energy Policy, 2018, 122, 438-448.	8.8	30
54	The impact of wind farms on property values: A locally weighted hedonic pricing model. Papers in Regional Science, 2017, 96, 423-445.	1.9	15

#	ARTICLE	IF	CITATIONS
55	Economic evaluation of maintenance strategies for ground-mounted solar photovoltaic plants. Applied Energy, 2017, 199, 264-280.	10.1	47
56	Simulation and Evaluation of the Economic Merit of Cloud Energy Storage for Prosumers: The Case of Germany. Energy Procedia, 2017, 105, 3507-3514.	1.8	12
57	The Role of Environmental Concern and Comfort Expectations in Energy Retrofit Decisions. Ecological Economics, 2017, 141, 53-65.	5.7	19
58	Economic Viability of Second Use Electric Vehicle Batteries for Energy Storage in Residential Applications. Energy Procedia, 2017, 105, 3806-3815.	1.8	59
59	Optimal expansion of a hydrogen storage system for wind power (H2-WESS): A real options analysis. Energy Procedia, 2017, 105, 3816-3823.	1.8	5
60	Economic Feasibility of a Compressed Air Energy Storage System Under Market Uncertainty: A Real Options Approach. Energy Procedia, 2017, 105, 3798-3805.	1.8	25
61	Homeowner satisfaction with low-carbon heating technologies. Journal of Cleaner Production, 2017, 141, 1286-1292.	9.3	18
62	Economic Analysis of Electricity Storage Based on Heat Pumps and Thermal Storage Units in Large-Scale Thermal Power Plants. Energy Procedia, 2017, 142, 2816-2823.	1.8	26
63	System Cost Uncertainty of Micro Fuel Cell Cogeneration and Storage. Energy Procedia, 2017, 142, 2824-2830.	1.8	3
64	Impacts of an Ice-Free Northeast Passage on LNG Markets and Geopolitics. SSRN Electronic Journal, 2017, , .	0.4	11
65	Evaluating the Enhanced Flexibility of Lignite-Fired Power Plants: A Real Options Analysis. SSRN Electronic Journal, 2017, , .	0.4	17
66	Auction Schemes, Bidding Strategies and the Cost-Optimal Level of Promoting Renewable Electricity in Germany. Energy Journal, 2017, 38, 229-264.	1.7	16
67	Are Prosumer Households that Much Different? Evidence from Stated Residential Energy Consumption in Germany. SSRN Electronic Journal, 2016, , .	0.4	4
68	Consumer Behavior in Energy-Efficient Homes: The Limited Merits of Energy Performance Ratings as Benchmarks. SSRN Electronic Journal, 2016, , .	0.4	15
69	Financial Viability of Grid-connected Solar PV and Wind Power Systems in Germany. Energy Procedia, 2016, 106, 35-45.	1.8	34
70	Economic feasibility of high-temperature reactors for industrial cogeneration: an investor's perspective. Journal of Nuclear Science and Technology, 2016, 53, 1839-1857.	1.3	5
71	AHP-based risk analysis of energy performance contracting projects in Russia. Energy Policy, 2016, 97, 559-581.	8.8	65
72	After 35 Years of Rebound Research in Economics: Where Do We Stand?. , 2016, , 17-36.		9

#	ARTICLE	IF	CITATIONS
73	Renewable energy roadmap for central Europe until 2050: A scenario based techno-economic analysis. , 2016, , .		3
74	Switching from fossil fuel to renewables in residential heating systems: An empirical study of homeowners' decisions in Germany. Energy Policy, 2016, 89, 95-105.	8.8	141
75	Wind farm siting using a spatial Analytic Hierarchy Process approach: A case study of the StÄdteregion Aachen. Applied Energy, 2016, 163, 222-243.	10.1	238
76	Willingness-to-pay for alternative fuel vehicle characteristics: A stated choice study for Germany. Transportation Research, Part A: Policy and Practice, 2016, 85, 89-111.	4.2	116
77	CO2 emission reduction potential assessment using renewable energy in India. Energy, 2016, 97, 273-282.	8.8	84
78	A methodology for estimating rebound effects in non-residential public service buildings: Case study of four buildings in Germany. Energy and Buildings, 2016, 111, 455-467.	6.7	23
79	The Influence of Policy Regime Risks on Investments in Innovative Energy Technology. Energy Journal, 2016, 37, .	1.7	8
80	Short- and long-run electricity demand elasticities at the subsectoral level: A cointegration analysis for German manufacturing industries. Energy Economics, 2015, 48, 178-187.	12.1	40
81	A stakeholder analysis of divergent supply-chain trends for the European onshore and offshore wind installations. Energy Policy, 2015, 80, 36-44.	8.8	27
82	Economics of small wind turbines in urban settings: An empirical investigation for Germany. Renewable Energy, 2015, 78, 334-350.	8.9	70
83	Cost-effective design of ringwall storage hybrid power plants: A real options analysis. Energy Conversion and Management, 2015, 103, 871-885.	9.2	22
84	Economic feasibility of pipe storage and underground reservoir storage options for power-to-gas load balancing. Energy Conversion and Management, 2015, 102, 258-266.	9.2	54
85	Balancing forecast errors in continuous-trade intraday markets. Energy Systems, 2015, 6, 361-388.	3.0	33
86	Economic Viability of Kite-Based Wind Energy Powerships with CAES or Hydrogen Storage. Energy Procedia, 2015, 75, 704-715.	1.8	13
87	Economic evaluation of maintenance strategies for wind turbines: a stochastic analysis. IET Renewable Power Generation, 2015, 9, 766-774.	3.1	37
88	Local Impacts of Wind Farms on Property Values: A Spatial Difference-in-Differences Analysis. SSRN Electronic Journal, 2014, , .	0.4	27
89	Identifying Business Models for Photovoltaic Systems with Storage in the Italian Market: A Discrete Choice Experiment. SSRN Electronic Journal, 2014, , .	0.4	17
90	Determinants of Commuter Trends and Implications for Indirect Rebound Effects: A Case Study of Germany's Largest Federal State of NRW, 1994-2013. SSRN Electronic Journal, 2014, , .	0.4	20

#	ARTICLE	IF	CITATIONS
91	Profitability of Energy Storage for Raising Self-consumption of Solar Power: Analysis of Different Household Types in Germany. <i>Energy Procedia</i> , 2014, 61, 2206-2210.	1.8	30
92	Economic Feasibility of Pipe Storage and Underground Reservoir Storage Options for Power-to-Gas Load Balancing. <i>Energy Procedia</i> , 2014, 61, 2201-2205.	1.8	7
93	Cost-effective Design of Ringwall Storage Hybrid Power Plants: A Real Options Analysis. <i>Energy Procedia</i> , 2014, 61, 2196-2200.	1.8	38
94	Multi-commodity real options analysis of power plant investments: discounting endogenous risk structures. <i>Energy Systems</i> , 2014, 5, 423-447.	3.0	16
95	Development and design of a retrofit matrix for office buildings. <i>Energy and Buildings</i> , 2014, 70, 516-522.	6.7	14
96	Factors influencing German house owners' preferences on energy retrofits. <i>Energy Policy</i> , 2014, 68, 254-263.	8.8	171
97	Optimal investment strategies in power generation assets: The role of technological choice and existing portfolios in the deployment of low-carbon technologies. <i>International Journal of Greenhouse Gas Control</i> , 2014, 28, 114-125.	4.6	18
98	Hydrogen storage for wind parks: A real options evaluation for an optimal investment in more flexibility. <i>Applied Energy</i> , 2014, 136, 931-946.	10.1	92
99	Optimal timing of wind farm repowering: a two-factor real options analysis. <i>Journal of Energy Markets</i> , 2014, 7, 3-34.	0.1	15
100	Evaluation of different hedging strategies for commodity price risks of industrial cogeneration plants. <i>Energy Policy</i> , 2013, 59, 143-160.	8.8	7
101	An auction design for local reserve energy markets. <i>Decision Support Systems</i> , 2013, 56, 168-179.	5.9	53
102	Relating R&D and investment policies to CCS market diffusion through two-factor learning. <i>Energy Policy</i> , 2013, 52, 439-452.	8.8	56
103	Economic viability of biomass cofiring in new hard-coal power plants in Germany. <i>Biomass and Bioenergy</i> , 2013, 57, 33-47.	5.7	23
104	Economics of centralized and decentralized compressed air energy storage for enhanced grid integration of wind power. <i>Applied Energy</i> , 2013, 101, 299-309.	10.1	148
105	Assessment of clean-coal strategies: The questionable merits of carbon capture-readiness. <i>Energy</i> , 2013, 52, 27-36.	8.8	20
106	Consumer preferences for alternative fuel vehicles: A discrete choice analysis. <i>Transportation Research, Part D: Transport and Environment</i> , 2013, 25, 5-17.	6.8	356
107	Economic merits of a state-of-the-art concentrating solar power forecasting system for participation in the Spanish electricity market. <i>Solar Energy</i> , 2013, 93, 244-255.	6.1	88
108	Investment Decisions Under Uncertainty: CCS Competing with Green Energy Technologies. <i>Energy Procedia</i> , 2013, 37, 7029-7038.	1.8	18

#	ARTICLE	IF	CITATIONS
109	Motivational factors influencing the homeowners' decisions between residential heating systems: An empirical analysis for Germany. <i>Energy Policy</i> , 2013, 57, 221-233.	8.8	107
110	Prospects and barriers for Russia's emerging ESCO market. <i>International Journal of Energy Sector Management</i> , 2013, 7, 113-150.	2.3	10
111	Willingness-to-Pay for Alternative Fuel Vehicle Characteristics: A Stated Choice Study for Germany. <i>SSRN Electronic Journal</i> , 2013, , .	0.4	33
112	Economic Feasibility of Pipeline and Underground Reservoir Storage Options for Power-to-Gas Load Balancing. <i>SSRN Electronic Journal</i> , 2013, , .	0.4	36
113	Intensivere Holzenergienutzung in Europa: Politik- und Forschungsaspekte. <i>Schweizerische Zeitschrift Fur Forstwesen</i> , 2013, 164, 428-435.	0.1	1
114	An auction mechanism for local energy markets: Results from theory and simulation. , 2012, , .		7
115	Power plant investments in the Turkish electricity sector: A real options approach taking into account market liberalization. <i>Applied Energy</i> , 2012, 97, 124-134.	10.1	30
116	Economic evaluation of IGCC plants with hot gas cleaning. <i>Applied Energy</i> , 2012, 97, 170-184.	10.1	33
117	Evaluation of economically optimal retrofit investment options for energy savings in buildings. <i>Energy and Buildings</i> , 2012, 49, 327-334.	6.7	154
118	Homeowners' preferences for adopting innovative residential heating systems: A discrete choice analysis for Germany. <i>Energy Economics</i> , 2012, 34, 1271-1283.	12.1	197
119	Techno-Ökonomische Bewertung eines veränderten Zuschnitts von Marktgebieten für elektrische Energie in Mitteleuropa. <i>Zeitschrift für Energiewirtschaft</i> , 2012, 36, 285-298.	0.2	1
120	Towards an efficient and low carbon economy post-2012: opportunities and barriers for foreign companies in the Russian energy market. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2012, 17, 387-413.	2.1	17
121	Investment in new power generation under uncertainty: Benefits of CHP vs. condensing plants in a copula-based analysis. <i>Energy Economics</i> , 2012, 34, 31-44.	12.1	47
122	Economics of CCS for coal plants: Impact of investment costs and efficiency on market diffusion in Europe. <i>Energy Economics</i> , 2012, 34, 850-863.	12.1	59
123	The impact of modified EU ETS allocation principles on the economics of CHP-based district heating systems. <i>Journal of Cleaner Production</i> , 2012, 20, 47-60.	9.3	23
124	Portfolio Optimization of Power Generation Assets. <i>Energy Systems</i> , 2012, , 275-296.	0.5	10
125	Multi-Commodity Real Options Analysis of Power Plant Investments: Discounting Endogenous Risk Structures. <i>SSRN Electronic Journal</i> , 2011, , .	0.4	11
126	Rebound Effects in German Residential Heating: Do Ownership and Income Matter?. <i>SSRN Electronic Journal</i> , 2011, , .	0.4	99



#	ARTICLE	IF	CITATIONS
127	Development of cogeneration in Germany: A mean-variance portfolio analysis of individual technology's prospects in view of the new regulatory framework. <i>Energy</i> , 2011, 36, 5301-5313.	8.8	29
128	Battery sizing for serial plug-in hybrid electric vehicles: A model-based economic analysis for Germany. <i>Energy Policy</i> , 2011, 39, 5871-5882.	8.8	38
129	Sustainable energy development in Austria until 2020: Insights from applying the integrated model "e3.at". <i>Energy Policy</i> , 2011, 39, 6082-6099.	8.8	92
130	Pan-European management of electricity portfolios: Risks and opportunities of contract bundling. <i>Energy Policy</i> , 2011, 39, 2855-2865.	8.8	2
131	Impacts of urbanization on urban structures and energy demand: What can we learn for urban energy planning and urbanization management?. <i>Sustainable Cities and Society</i> , 2011, 1, 45-53.	10.4	461
132	Ökonomische Bewertung des Repowering von Onshore-Windenergieanlagen in Deutschland. <i>Zeitschrift für Energiewirtschaft</i> , 2011, 35, 297-320.	0.2	9
133	Valuation of CCS-ready coal-fired power plants: a multi-dimensional real options approach. <i>Energy Systems</i> , 2011, 2, 243-261.	3.0	37
134	Assessment of the technological development and economic potential of photobioreactors. <i>Applied Energy</i> , 2011, 88, 1906-1919.	10.1	17
135	The benefit of regional diversification of cogeneration investments in Europe: A mean-variance portfolio analysis. <i>Energy Policy</i> , 2010, 38, 7911-7920.	8.8	72
136	Impact of disaggregated ICT capital on electricity intensity in European manufacturing. <i>Applied Economics Letters</i> , 2010, 17, 1691-1695.	1.8	51
137	Development of Cogeneration in Germany: A Dynamic Portfolio Analysis Based on the New Regulatory Framework. <i>SSRN Electronic Journal</i> , 2009, , .	0.4	115
138	Sustainable energy futures: Methodological challenges in combining scenarios and participatory multi-criteria analysis. <i>European Journal of Operational Research</i> , 2009, 197, 1063-1074.	5.7	300
139	Assessing the performance of biogas plants with multi-criteria and data envelopment analysis. <i>European Journal of Operational Research</i> , 2009, 197, 1084-1094.	5.7	117
140	Spatial diffusion of biogas technology in Switzerland: a GIS-based multi-agent simulation approach. <i>International Journal of Environment and Pollution</i> , 2009, 39, 28.	0.2	14
141	The Economics of Energy in Developing Countries. , 2009, , .		1
142	Diffusion of bioenergy in urban areas: A socio-economic analysis of the Swiss wood-fired cogeneration plant in Basel. <i>Biomass and Bioenergy</i> , 2008, 32, 815-828.	5.7	26
143	A real options evaluation model for the diffusion prospects of new renewable power generation technologies. <i>Energy Economics</i> , 2008, 30, 1882-1908.	12.1	200
144	Bioenergy Innovations: The Case of Wood Pellet Systems in Sweden. <i>Technology Analysis and Strategic Management</i> , 2007, 19, 99-125.	3.5	21

#	ARTICLE	IF	CITATIONS
145	Socio-economic drivers of large urban biomass cogeneration: Sustainable energy supply for Austria's capital Vienna. <i>Energy Policy</i> , 2007, 35, 1075-1087.	8.8	39
146	Innovation diffusion, public policy, and local initiative: The case of wood-fuelled district heating systems in Austria. <i>Energy Policy</i> , 2007, 35, 1992-2008.	8.8	86
147	Optimal technology choice and investment timing: A stochastic model of industrial cogeneration vs. heat-only production. <i>Energy Economics</i> , 2007, 29, 934-952.	12.1	68
148	New ways for the integrated appraisal of national energy scenarios: The case of renewable energy use in Austria. <i>Energy Policy</i> , 2007, 35, 6060-6074.	8.8	145
149	Economic and CO2 mitigation impacts of promoting biomass heating systems: An input-output study for Vorarlberg, Austria. <i>Energy Policy</i> , 2007, 35, 6021-6035.	8.8	65
150	Lokale Energiesysteme der Zukunft. <i>Ökologisches Wirtschaften</i> , 2007, 22, .	0.2	1
151	A Sustainability Framework for Enhancing the Long-Term Success of Lulucf Projects. <i>Climatic Change</i> , 2006, 75, 241-271.	3.6	18
152	Energy systems in transition: perspectives for the diffusion of small-scale wood pellet heating technology. <i>International Journal of Technology Management</i> , 2005, 29, 327.	0.5	11
153	Sustainability-guided promotion of renewable electricity generation. <i>Ecological Economics</i> , 2005, 53, 147-167.	5.7	99
154	Riding down the experience curve for energy-efficient building envelopes: the Swiss case for 1970-2020. <i>International Journal of Energy Technology and Policy</i> , 2004, 2, 153.	0.2	43
155	Title is missing!. <i>Annals of Operations Research</i> , 2003, 121, 181-203.	4.1	18
156	CO2 mitigation costs of large-scale bioenergy technologies in competitive electricity markets. <i>Energy</i> , 2003, 28, 1405-1425.	8.8	29
157	Adoption and Diffusion of Decentralised Energy Conversion Technologies: The Success of Engine Co-Generation in Germany. <i>Energy and Environment</i> , 2003, 14, 627-662.	4.6	19
158	Seasonality, Cointegration, and Forecasting UK Residential Energy Demand. <i>Scottish Journal of Political Economy</i> , 1999, 46, 185-206.	1.6	23
159	Residential energy demand analysis: An empirical application of the closure test principle. <i>Empirical Economics</i> , 1996, 21, 203-220.	3.0	8
160	Efficient Investment Portfolios for the Swiss Electricity Supply Sector. <i>SSRN Electronic Journal</i> , 0, , .	0.4	124
161	Relating R&D and Investment Policies to CCS Market Diffusion Through Two-Factor Learning. <i>SSRN Electronic Journal</i> , 0, , .	0.4	95
162	Economics of High-Temperature Nuclear Reactors for Industrial Cogeneration. <i>SSRN Electronic Journal</i> , 0, , .	0.4	58

#	ARTICLE	IF	CITATIONS
163	Assessment of Clean-Coal Strategies: The Questionable Merits of Carbon Capture-Readiness. SSRN Electronic Journal, 0, , .	0.4	52
164	The Impact of Wind Farms on Property Values: A Geographically Weighted Hedonic Pricing Model. SSRN Electronic Journal, 0, , .	0.4	36
165	An Exploratory Economic Analysis of Underground Pumped-Storage Hydro Power Plants in Abandoned Coal Mines. SSRN Electronic Journal, 0, , .	0.4	65
166	Hydrogen Storage for Wind Parks: A Real Options Evaluation for an Optimal Investment in More Flexibility. SSRN Electronic Journal, 0, , .	0.4	42
167	Economic Evaluation of Maintenance Strategies for Wind Turbines: A Stochastic Analysis. SSRN Electronic Journal, 0, , .	0.4	22
168	Risk Analysis of Energy Performance Contracting Projects in Russia: An Analytic Hierarchy Process Approach. SSRN Electronic Journal, 0, , .	0.4	17
169	Prosumer Preferences Regarding the Adoption of Micro-Generation Technologies: Empirical Evidence for German Homeowners. SSRN Electronic Journal, 0, , .	0.4	35
170	Economic Implications of Enhanced Forecast Accuracy: The Case of Photovoltaic Feed-In Forecasts. SSRN Electronic Journal, 0, , .	0.4	13
171	Beyond Technology Adoption: Homeowner Satisfaction with Newly Adopted Residential Heating Systems. SSRN Electronic Journal, 0, , .	0.4	10
172	Economic Policy Evaluation for the Deployment of Alternative Energy Sources in Brazil. SSRN Electronic Journal, 0, , .	0.4	7
173	Economic Viability of Second-Life Electric Vehicle Batteries for Energy Storage in Private Households. SSRN Electronic Journal, 0, , .	0.4	18
174	Impacts of an Ice-Free Northeast Passage on LNG Trading: Transport Routes and Optimal Capacity Planning. SSRN Electronic Journal, 0, , .	0.4	12
175	Technology, Business Model, and Market Design Adaptation Toward Smart Electricity Distribution: Insights for Policy Making. SSRN Electronic Journal, 0, , .	0.4	1
176	Promoting Renewable Electricity Generation in Imperfect Markets: Price vs. Quantity Policies. SSRN Electronic Journal, 0, , .	0.4	78
177	The Benefit of Regional Diversification of Cogeneration Investments in Europe: A Mean-Variance Portfolio Analysis. SSRN Electronic Journal, 0, , .	0.4	106
178	The Influence of Social Preferences on Multi-Criteria Evaluation of Energy Scenarios. SSRN Electronic Journal, 0, , .	0.4	117
179	Simulation of the European Electricity Market and CCS Development with the HECTOR Model. SSRN Electronic Journal, 0, , .	0.4	110
180	Relevance of Risk Capital and Margining for the Valuation of Power Plants: Cash Requirements for Credit Risk Mitigation. SSRN Electronic Journal, 0, , .	0.4	101

#	ARTICLE	IF	CITATIONS
181	Cost Effectiveness of Carbon Capture-Ready Coal Power Plants with Delayed Retrofit. SSRN Electronic Journal, 0, , .	0.4	37
182	A Spatial MAS Simulation to Evaluate the Promotion of Electricity from Agricultural Biogas Plants in Germany. SSRN Electronic Journal, 0, , .	0.4	81
183	The Impact of Modified EU ETS Allocation Principles on the Economics of CHP-Based District Heating Networks. SSRN Electronic Journal, 0, , .	0.4	74
184	Russia's Emerging ESCO Market: Prospects and Barriers for Energy Efficiency Investments. SSRN Electronic Journal, 0, , .	0.4	15
185	Repowering of Wind Turbines: Economics and Optimal Timing. SSRN Electronic Journal, 0, , .	0.4	28
186	Economic Feasibility of Kite-Based Wind Energy Powerships with CAES or Hydrogen Storage. SSRN Electronic Journal, 0, , .	0.4	56
187	Bridging the Gap between Onshore and Offshore Innovations by the European Wind Power Supply Industry: A Survey-Based Analysis. SSRN Electronic Journal, 0, , .	0.4	51
188	Optimal Power Generation Investment: Impact of Technology Choices and Existing Portfolios for Deploying Low-Carbon Coal Technologies. SSRN Electronic Journal, 0, , .	0.4	35
189	Effects of Temperature Uncertainty on the Valuation of Geothermal Projects: A Real Options Approach. SSRN Electronic Journal, 0, , .	0.4	57
190	Fuzzy Portfolio Optimization of Onshore Wind Power Plants. SSRN Electronic Journal, 0, , .	0.4	79
191	Backtesting and Evaluation of Different Trading Schemes for the Portfolio Management of Natural Gas. SSRN Electronic Journal, 0, , .	0.4	20
192	A Least-Cost Assessment of the CO <sub>2</sub> Mitigation Potential Using Renewable Energies in the Indian Electricity Supply Sector. SSRN Electronic Journal, 0, , .	0.4	17
193	Wind Farm Siting Using a Spatial Analytic Hierarchy Process Approach: A Case Study of the Sttderregion Aachen. SSRN Electronic Journal, 0, , .	0.4	3
194	Day-Ahead Versus Intraday Valuation of Demand-Side Flexibility for Photovoltaic and Wind Power Systems. SSRN Electronic Journal, 0, , .	0.4	28
195	External Effects of Hydraulic Fracturing: Risks and Welfare Considerations for Water Supply in Germany. SSRN Electronic Journal, 0, , .	0.4	20
196	The Influence of Policy Regime Risks on Investments in Innovative Energy Technology. SSRN Electronic Journal, 0, , .	0.4	10
197	Heterogeneity in Price Responsiveness for Residential Space Heating in Germany. SSRN Electronic Journal, 0, , .	0.4	8
198	Optimal Expansion of a Hydrogen Storage System for Wind Power: A Real Options Analysis. SSRN Electronic Journal, 0, , .	0.4	18

#	ARTICLE	IF	CITATIONS
199	Fueling the US Economy: Energy as a Production Factor from the Great Depression Until Today. SSRN Electronic Journal, 0, , .	0.4	18
200	The Turning Tide: How Energy Has Driven the Transformation of the British Economy Since the Industrial Revolution. SSRN Electronic Journal, 0, , .	0.4	14
201	Techno-Economic Analysis of Micro Fuel Cell Cogeneration and Storage. SSRN Electronic Journal, 0, , .	0.4	2
202	Revisiting Heat Energy Consumption Modeling: Household Production Theory Applied to Field Experimental Data. SSRN Electronic Journal, 0, , .	0.4	7
203	Business Models for Energy Suppliers Aggregating Flexible Distributed Assets and Policy Issues Raised. SSRN Electronic Journal, 0, , .	0.4	4
204	A Real Options Model for the Disinvestment in Conventional Power Plants. SSRN Electronic Journal, 0, , .	0.4	7
205	Real Options Analysis of the Flexible Operation of an Enhanced Gas-Fired Power Plant. SSRN Electronic Journal, 0, , .	0.4	6
206	Cost-Effectiveness of Li-Ion Battery Storage with a Special Focus on Photovoltaic Systems in Private Households. SSRN Electronic Journal, 0, , .	0.4	8
207	Business Model Innovation for the Energy Market: Joint Value Creation for Electricity Retailers and Their Residential Customers. SSRN Electronic Journal, 0, , .	0.4	2
208	Combined Vehicle Type and Fuel Type Choices of Private Households: An Empirical Analysis for Germany. SSRN Electronic Journal, 0, , .	0.4	2
209	Sustainable Energy Development in Austria Until 2020: Insights from Applying the Integrated Model 'e3.at'. SSRN Electronic Journal, 0, , .	0.4	19
210	Switching from Fossil Fuel to Renewables in Residential Heating Systems: An Empirical Study of Homeowners' Decisions in Germany. SSRN Electronic Journal, 0, , .	0.4	3
211	Modeling the Geopolitics of Natural Gas: LNG Exports From the US to Eastern Europe. SSRN Electronic Journal, 0, , .	0.4	0
212	The Future Expansion of HVDC Power Transmission in Brazil: A Scenario-Based Economic Evaluation. SSRN Electronic Journal, 0, , .	0.4	0
213	High Taxes on Cloudy Days: Dynamic State-Induced Price Components in Power Markets. SSRN Electronic Journal, 0, , .	0.4	0
214	Locational (In-)Efficiency of Renewable Power Generation Feeding in the Electricity Grid: A Spatial Regression Analysis. SSRN Electronic Journal, 0, , .	0.4	3
215	Charged up? Preferences for Electric Vehicle Charging and Implications for Charging Infrastructure Planning. SSRN Electronic Journal, 0, , .	0.4	10