

Reinhard Madlener

List of Publications by Year in descending order

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236
papers

8,812
citations

79946

39
h-index

83414

72
g-index

239
all docs

239
docs citations

239
times ranked

6699
citing authors

#	ARTICLE	IF	CITATIONS
1	Techno-economic analysis and optimal sizing of hybrid PV-wind systems for hydrogen production by PEM electrolysis in California and Northern Germany. International Journal of Hydrogen Energy, 2024, 67, 1157-1172.	7.2	5
2	The European Market for Guarantees of Origin for Green Electricity: A Scenario-Based Evaluation of Trading under Uncertainty. Energies, 2024, 17, 104.	3.2	1
3	A sequential real options analysis for renewable power-to-hydrogen plants for Germany and California. Renewable and Sustainable Energy Reviews, 2024, 192, 114159.	16.7	2
4	Concentration versus diversification: A spatial deployment approach to improve the economics of wind power. Energy Policy, 2024, 185, 113957.	8.8	1
5	A critical evaluation of the 2022 greenhouse gas mitigation quota in Germany from an environmental economics and policy perspective. Energy Policy, 2024, 191, 114200.	8.8	1
6	Willingness to Accept Direct Load Control within Socio-Economic Groups. , 2024, 18, 1-4.		0
7	Willing to Wait? Acceptance for Load Management at e-Vehicle Charging Stations in Germany. , 2024, 81, 1-5.		0
8	Quantifying value pools for distributed flexible energy assets. Energy, 2023, 263, 125626.	9.0	3
9	Multi-Criteria assessment of the user experience at E-Vehicle charging stations in Germany. Transportation Research, Part D: Transport and Environment, 2023, 121, 103782.	6.9	10
10	A Multi-criteria Assessment Framework for Zero-Emission Vehicles from a Customersâ€™ Perspective. Lecture notes in operations research, 2023, , 471-478.	0.0	1
11	Priorities in smart grid design research. PLOS Climate, 2023, 2, e0000262.	3.2	1
12	Business models for peer-to-peer energy trading in Germany based on householdsâ€™ beliefs and preferences. Applied Energy, 2022, 306, 118053.	10.3	45
13	The electricity- and CO2-saving potentials offered by regulation of European video-streaming services. Energy Policy, 2022, 161, 112716.	8.8	21
14	Investing in power grid infrastructure as a flexibility option: A DSGE assessment for Germany. Energy Economics, 2022, 107, 105843.	12.3	11
15	Flexibility scores for energy transition pathways: Integrating socio-technical factors in a long-term energy market model. Energy Conversion and Management, 2022, 258, 115327.	9.3	12
16	Smart Grid Economics. Lecture Notes in Energy, 2022, , 21-60.	0.0	0
17	Economics of Hydrogen. , 2022, , 75-102.		0
18	Policy implications of spatially differentiated renewable energy promotion: A multi-level scenario analysis of onshore wind auctioning in Germany. Energy Policy, 2022, 169, 113158.	8.8	1

#	ARTICLE	IF	CITATIONS
19	Business model innovation for the energy market: Joint value creation for electricity retailers and their customers. <i>Energy Research and Social Science</i> , 2021, 73, 101878.	6.6	29
20	Sustainable operation of geothermal power plants: why economics matters. <i>Geothermal Energy</i> , 2021, 9, .	2.1	27
21	Auswirkungen von CO2-Preisen auf den Gebäudesektor, Verkehrs- und Energiesektor. <i>Zeitschrift für Energiewirtschaft</i> , 2021, 45, 91-107.	0.3	5
22	Energy Efficiency: What Has Research Delivered in the Last 40 Years?. <i>Annual Review of Environment and Resources</i> , 2021, 46, 135-165.	13.7	55
23	The sky is the limit: Assessing aircraft market diffusion with agent-based modeling. <i>Journal of Air Transport Management</i> , 2021, 96, 102104.	4.6	0
24	Assessing Local Power Generation Potentials of Photovoltaics, Engine Cogeneration, and Heat Pumps: The Case of a Major Swiss City. <i>Energies</i> , 2021, 14, 5432.	3.2	2
25	A pathway to green growth? Macroeconomic impacts of power grid infrastructure investments in Germany. <i>Energy Policy</i> , 2021, 156, 112289.	8.8	23
26	Revisiting heat energy consumption modeling: Household production theory applied to field experimental data. <i>Energy Policy</i> , 2021, 158, 112511.	8.8	1
27	Variable renewables and demand flexibility: Day-ahead versus intraday valuation. , 2021, , 309-327.		3
28	Comparative Analysis of Load Forecasting Models for Varying Time Horizons and Load Aggregation Levels. <i>Energies</i> , 2021, 14, 7128.	3.2	12
29	The economic potential of grid defection of energy prosumer households in Germany. <i>Advances in Applied Energy</i> , 2021, 4, 100075.	13.5	20
30	Heterogeneity in price responsiveness for residential space heating in Germany. <i>Empirical Economics</i> , 2020, 59, 2255-2281.	2.9	12
31	Sustainable energy transition and increasing complexity: Trade-offs, the economics perspective and policy implications. , 2020, , 251-286.		1
32	Green and regional? A multi-criteria assessment framework for the provision of green electricity for electric vehicles in Germany. <i>Transportation Research, Part D: Transport and Environment</i> , 2020, 87, 102504.	6.9	20
33	Economic implications of forecasting electricity generation from variable renewable energy sources. <i>Renewable Energy</i> , 2020, 161, 1318-1327.	9.0	22
34	Using Value-Focused Thinking and Multicriteria Decision Making to Evaluate Energy Transition Alternatives. <i>Decision Analysis</i> , 2020, 17, 330-355.	2.4	9
35	Economic Feasibility of Semi-Underground Pumped Storage Hydropower Plants in Open-Pit Mines. <i>Energies</i> , 2020, 13, 4178.	3.2	18
36	Evaluation of Synergies in the Context of European Multi-Business Utilities. <i>Energies</i> , 2020, 13, 6676.	3.2	4

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37	An Exploratory Economic Analysis of Underground Pumped-Storage Hydro Power Plants in Abandoned Deep Coal Mines. <i>Energies</i> , 2020, 13, 5634.	3.2	22
38	An integrated two-level demand-side management game applied to smart energy hubs with storage. <i>Energy</i> , 2020, 206, 118017.	9.0	33
39	A participatory stakeholder process for evaluating sustainable energy transition scenarios. <i>Energy Policy</i> , 2020, 139, 111277.	8.8	48
40	Assessing the potential of low-carbon technologies in the German energy system. <i>Journal of Environmental Management</i> , 2020, 262, 110345.	7.9	11
41	The continuing evolution of Energy Policy. <i>Energy Policy</i> , 2020, 139, 111459.	8.8	9
42	Li-ion battery storage in private households with PV systems: Analyzing the economic impacts of battery aging and pooling. <i>Journal of Energy Storage</i> , 2020, 29, 101407.	8.3	28
43	The rebound effect representation in climate and energy models. <i>Environmental Research Letters</i> , 2020, 15, 123010.	5.3	19
44	Direct and Indirect Energy Rebound Effects in German Households: A Linearized Almost Ideal Demand System Approach. <i>Energy Journal</i> , 2020, 41, 89-118.	1.6	10
45	Recent Developments at Energy Policy. <i>Energy Policy</i> , 2019, 133, 110876.	8.8	0
46	Energy Supplier 2.0: A conceptual business model for energy suppliers aggregating flexible distributed assets and policy issues raised. <i>Energy Policy</i> , 2019, 135, 110911.	8.8	43
47	Energiewende @ Risk: On the Continuation of Renewable Power Generation at the End of Public Policy Support. <i>Energies</i> , 2019, 12, 3616.	3.2	6
48	Economic Modeling of the Economic Efficiency of Li-ion Battery Storage with a Special Focus on Residential PV Systems. <i>Energy Procedia</i> , 2019, 158, 3964-3975.	1.8	4
49	Two-Level Distributed Demand-Side Management Using the Smart Energy Hub Concept. <i>Energy Procedia</i> , 2019, 158, 3052-3063.	1.8	9
50	The value of enhanced flexibility of gas-fired power plants: A real options analysis. <i>Applied Energy</i> , 2019, 251, 113125.	10.3	23
51	Driven by change: Commercial drivers' acceptance and efficiency perceptions of light-duty electric vehicle usage in Germany. <i>Transportation Research Part C: Emerging Technologies</i> , 2019, 105, 262-282.	7.7	49
52	General regionalization heuristic to map spatial heterogeneity of macroeconomic impacts: The case of the green energy transition in NRW. <i>Utilities Policy</i> , 2019, 58, 166-174.	4.1	10
53	Transitions at Energy Policy. <i>Energy Policy</i> , 2019, 127, A1-A3.	8.8	6
54	Optimal Timing of Onshore Wind Repowering in Germany under Policy Regime Changes: A Real Options Analysis. <i>Energies</i> , 2019, 12, 4703.	3.2	15

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55	Techno-economic analysis of micro fuel cell cogeneration and storage in Germany. Applied Energy, 2019, 235, 1603-1613.	10.3	35
56	Are Prosumer Households That Much Different? Evidence From Stated Residential Energy Consumption in Germany. Ecological Economics, 2019, 158, 101-115.	5.9	50
57	The gap between energy policy challenges and model capabilities. Energy Policy, 2019, 125, 503-520.	8.8	81
58	Potenziale zur Erhöhung des regionalen Markenkerns im Stromvertrieb am Beispiel der regionalen Grünstromkennzeichnung gemäß EEG 2017. Zeitschrift für Energiewirtschaft, 2018, 42, 35-55.	0.3	2
59	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.	0.3	1
60	CO2 mitigation costs of catalytic methane decomposition. Energy, 2018, 151, 826-838.	9.0	21
61	Driven by Change: Commercial Drivers' Acceptance and Perceived Efficiency of Using Light-Duty Electric Vehicles in Germany. SSRN Electronic Journal, 2018, , .	0.3	4
62	Strategic Demand Response to Dynamic Pricing: A Lab Experiment for the Electricity Market. SSRN Electronic Journal, 2018, , .	0.3	4
63	Fuzzy Portfolio Optimization of Power Generation Assets. Energies, 2018, 11, 3043.	3.2	4
64	Evaluating the enhanced flexibility of lignite-fired power plants: A real options analysis. Energy Conversion and Management, 2018, 177, 737-749.	9.3	17
65	Shall I open the window? Policy implications of thermal-comfort adjustment practices in residential buildings. Energy Policy, 2018, 119, 518-527.	8.8	19
66	Technology, business model, and market design adaptation toward smart electricity distribution: Insights for policy making. Energy Policy, 2018, 121, 426-440.	8.8	46
67	Consumer behavior in energy-efficient homes: The limited merits of energy performance ratings as benchmarks. Energy and Buildings, 2018, 172, 405-413.	6.8	16
68	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.	3.6	2
69	Impacts of an ice-free Northeast Passage on LNG markets and geopolitics. Energy Policy, 2018, 122, 438-448.	8.8	35
70	Recent Developments and Future Directions at Energy Policy. Energy Policy, 2018, 121, A1-A2.	8.8	3
71	The impact of wind farms on property values: A locally weighted hedonic pricing model. Papers in Regional Science, 2017, 96, 423-445.	2.0	17
72	Economic evaluation of maintenance strategies for ground-mounted solar photovoltaic plants. Applied Energy, 2017, 199, 264-280.	10.3	47

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73	Simulation and Evaluation of the Economic Merit of Cloud Energy Storage for Prosumers: The Case of Germany. <i>Energy Procedia</i> , 2017, 105, 3507-3514.	1.8	12
74	The Role of Environmental Concern and Comfort Expectations in Energy Retrofit Decisions. <i>Ecological Economics</i> , 2017, 141, 53-65.	5.9	21
75	Economic Viability of Second Use Electric Vehicle Batteries for Energy Storage in Residential Applications. <i>Energy Procedia</i> , 2017, 105, 3806-3815.	1.8	63
76	Feed-In Forecasts for Photovoltaic Systems and Economic Implications of Enhanced Forecast Accuracy. <i>Operations Research Proceedings: Papers of the Annual Meeting = Vorträge Der Jahrestagung / DGOR</i> , 2017, , 511-516.	0.0	1
77	Optimal expansion of a hydrogen storage system for wind power (H2-WESS): A real options analysis. <i>Energy Procedia</i> , 2017, 105, 3816-3823.	1.8	7
78	Economic Feasibility of a Compressed Air Energy Storage System Under Market Uncertainty: A Real Options Approach. <i>Energy Procedia</i> , 2017, 105, 3798-3805.	1.8	25
79	Homeowner satisfaction with low-carbon heating technologies. <i>Journal of Cleaner Production</i> , 2017, 141, 1286-1292.	9.5	19
80	Economic Analysis of Electricity Storage Based on Heat Pumps and Thermal Storage Units in Large-Scale Thermal Power Plants. <i>Energy Procedia</i> , 2017, 142, 2816-2823.	1.8	27
81	System Cost Uncertainty of Micro Fuel Cell Cogeneration and Storage. <i>Energy Procedia</i> , 2017, 142, 2824-2830.	1.8	3
82	Impacts of an Ice-Free Northeast Passage on LNG Markets and Geopolitics. <i>SSRN Electronic Journal</i> , 2017, , .	0.3	11
83	Evaluating the Enhanced Flexibility of Lignite-Fired Power Plants: A Real Options Analysis. <i>SSRN Electronic Journal</i> , 2017, , .	0.3	18
84	Auction Schemes, Bidding Strategies and the Cost-Optimal Level of Promoting Renewable Electricity in Germany. <i>Energy Journal</i> , 2017, 38, 229-264.	1.6	17
85	Are Prosumer Households that Much Different? Evidence from Stated Residential Energy Consumption in Germany. <i>SSRN Electronic Journal</i> , 2016, , .	0.3	4
86	Consumer Behavior in Energy-Efficient Homes: The Limited Merits of Energy Performance Ratings as Benchmarks. <i>SSRN Electronic Journal</i> , 2016, , .	0.3	15
87	Financial Viability of Grid-connected Solar PV and Wind Power Systems in Germany. <i>Energy Procedia</i> , 2016, 106, 35-45.	1.8	35
88	Economic feasibility of high-temperature reactors for industrial cogeneration: an investor's perspective. <i>Journal of Nuclear Science and Technology</i> , 2016, 53, 1839-1857.	1.3	5
89	AHP-based risk analysis of energy performance contracting projects in Russia. <i>Energy Policy</i> , 2016, 97, 559-581.	8.8	66
90	After 35 Years of Rebound Research in Economics: Where Do We Stand?. , 2016, , 17-36.		11

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91	Renewable energy roadmap for central Europe until 2050: A scenario based techno-economic analysis. , 2016, , .		6
92	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	147
93	Wind farm siting using a spatial Analytic Hierarchy Process approach: A case study of the StÄdteregion Aachen. Applied Energy, 2016, 163, 222-243.	10.3	254
94	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.	4.3	125
95	CO2 emission reduction potential assessment using renewable energy in India. Energy, 2016, 97, 273-282.	9.0	88
96	Writing successfully for Energy Policy. Energy Policy, 2016, 93, 1-2.	8.8	8
97	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.	6.8	24
98	The Influence of Policy Regime Risks on Investments in Innovative Energy Technology. Energy Journal, 2016, 37, 145-160.	1.6	8
99	Short- and long-run electricity demand elasticities at the subsectoral level: A cointegration analysis for German manufacturing industries. Energy Economics, 2015, 48, 178-187.	12.3	43
100	A stakeholder analysis of divergent supply-chain trends for the European onshore and offshore wind installations. Energy Policy, 2015, 80, 36-44.	8.8	28
101	Economics of small wind turbines in urban settings: An empirical investigation for Germany. Renewable Energy, 2015, 78, 334-350.	9.0	74
102	Cost-effective design of ringwall storage hybrid power plants: A real options analysis. Energy Conversion and Management, 2015, 103, 871-885.	9.3	22
103	Economic feasibility of pipe storage and underground reservoir storage options for power-to-gas load balancing. Energy Conversion and Management, 2015, 102, 258-266.	9.3	55
104	Balancing forecast errors in continuous-trade intraday markets. Energy Systems, 2015, 6, 361-388.	3.2	33
105	Economic Viability of Kite-Based Wind Energy Powerships with CAES or Hydrogen Storage. Energy Procedia, 2015, 75, 704-715.	1.8	14
106	Economic evaluation of maintenance strategies for wind turbines: a stochastic analysis. IET Renewable Power Generation, 2015, 9, 766-774.	3.2	38
107	Identifying Business Models for Photovoltaic Systems with Storage in the Italian Market: A Discrete Choice Experiment. SSRN Electronic Journal, 2014, , .	0.3	17
108	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, , .	0.3	20

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109	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
110	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	8
111	Cost-effective Design of Ringwall Storage Hybrid Power Plants: A Real Options Analysis. <i>Energy Procedia</i> , 2014, 61, 2196-2200.	1.8	38
112	Multi-commodity real options analysis of power plant investments: discounting endogenous risk structures. <i>Energy Systems</i> , 2014, 5, 423-447.	3.2	18
113	Factors influencing German house owners' preferences on energy retrofits. <i>Energy Policy</i> , 2014, 68, 254-263.	8.8	185
114	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
115	Hydrogen storage for wind parks: A real options evaluation for an optimal investment in more flexibility. <i>Applied Energy</i> , 2014, 136, 931-946.	10.3	96
116	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
117	Evaluation of different hedging strategies for commodity price risks of industrial cogeneration plants. <i>Energy Policy</i> , 2013, 59, 143-160.	8.8	7
118	Relating R&D and investment policies to CCS market diffusion through two-factor learning. <i>Energy Policy</i> , 2013, 52, 439-452.	8.8	58
119	Economic viability of biomass cofiring in new hard-coal power plants in Germany. <i>Biomass and Bioenergy</i> , 2013, 57, 33-47.	5.9	25
120	Economics of centralized and decentralized compressed air energy storage for enhanced grid integration of wind power. <i>Applied Energy</i> , 2013, 101, 299-309.	10.3	152
121	Assessment of clean-coal strategies: The questionable merits of carbon capture-readiness. <i>Energy</i> , 2013, 52, 27-36.	9.0	20
122	Consumer preferences for alternative fuel vehicles: A discrete choice analysis. <i>Transportation Research, Part D: Transport and Environment</i> , 2013, 25, 5-17.	6.9	373
123	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	93
124	Investment Decisions Under Uncertainty: CCS Competing with Green Energy Technologies. <i>Energy Procedia</i> , 2013, 37, 7029-7038.	1.8	18
125	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	121
126	Prospects and barriers for Russia's emerging ESCO market. <i>International Journal of Energy Sector Management</i> , 2013, 7, 113-150.	2.3	10

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127	Willingness-to-Pay for Alternative Fuel Vehicle Characteristics: A Stated Choice Study for Germany. SSRN Electronic Journal, 2013, , .	0.3	33
128	Economic Feasibility of Pipeline and Underground Reservoir Storage Options for Power-to-Gas Load Balancing. SSRN Electronic Journal, 2013, , .	0.3	36
129	Intensivere Holzenergienutzung in Europa: Politik- und Forschungsaspekte. Schweizerische Zeitschrift Fur Forstwesen, 2013, 164, 428-435.	0.2	1
130	An auction mechanism for local energy markets: Results from theory and simulation. , 2012, , .		7
131	Power plant investments in the Turkish electricity sector: A real options approach taking into account market liberalization. Applied Energy, 2012, 97, 124-134.	10.3	30
132	Economic evaluation of IGCC plants with hot gas cleaning. Applied Energy, 2012, 97, 170-184.	10.3	33
133	Evaluation of economically optimal retrofit investment options for energy savings in buildings. Energy and Buildings, 2012, 49, 327-334.	6.8	158
134	Homeowners' preferences for adopting innovative residential heating systems: A discrete choice analysis for Germany. Energy Economics, 2012, 34, 1271-1283.	12.3	210
135	Techno-Ökonomische Bewertung eines veränderten Zuschnitts von Marktgebieten für elektrische Energie in Mitteleuropa. Zeitschrift für Energiewirtschaft, 2012, 36, 285-298.	0.3	1
136	Towards an efficient and low carbon economy post-2012: opportunities and barriers for foreign companies in the Russian energy market. Mitigation and Adaptation Strategies for Global Change, 2012, 17, 387-413.	2.2	17
137	Investment in new power generation under uncertainty: Benefits of CHP vs. condensing plants in a copula-based analysis. Energy Economics, 2012, 34, 31-44.	12.3	47
138	Economics of CCS for coal plants: Impact of investment costs and efficiency on market diffusion in Europe. Energy Economics, 2012, 34, 850-863.	12.3	62
139	The impact of modified EU ETS allocation principles on the economics of CHP-based district heating systems. Journal of Cleaner Production, 2012, 20, 47-60.	9.5	23
140	Portfolio Optimization of Power Generation Assets. Energy Systems, 2012, , 275-296.	0.0	11
141	Multi-Commodity Real Options Analysis of Power Plant Investments: Discounting Endogenous Risk Structures. SSRN Electronic Journal, 2011, , .	0.3	11
142	Development of cogeneration in Germany: A mean-variance portfolio analysis of individual technology's prospects in view of the new regulatory framework. Energy, 2011, 36, 5301-5313.	9.0	29
143	Battery sizing for serial plug-in hybrid electric vehicles: A model-based economic analysis for Germany. Energy Policy, 2011, 39, 5871-5882.	8.8	38
144	Sustainable energy development in Austria until 2020: Insights from applying the integrated model. Energy Policy, 2011, 39, 6082-6099.	8.8	92

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145	Pan-European management of electricity portfolios: Risks and opportunities of contract bundling. Energy Policy, 2011, 39, 2855-2865.	8.8	2
146	Impacts of urbanization on urban structures and energy demand: What can we learn for urban energy planning and urbanization management?. Sustainable Cities and Society, 2011, 1, 45-53.	10.6	496
147	Ökonomische Bewertung des Repowering von Onshore-Windenergieanlagen in Deutschland. Zeitschrift für Energiewirtschaft, 2011, 35, 297-320.	0.3	9
148	Valuation of CCS-ready coal-fired power plants: a multi-dimensional real options approach. Energy Systems, 2011, 2, 243-261.	3.2	37
149	Assessment of the technological development and economic potential of photobioreactors. Applied Energy, 2011, 88, 1906-1919.	10.3	17
150	The benefit of regional diversification of cogeneration investments in Europe: A mean-variance portfolio analysis. Energy Policy, 2010, 38, 7911-7920.	8.8	73
151	Impact of disaggregated ICT capital on electricity intensity in European manufacturing. Applied Economics Letters, 2010, 17, 1691-1695.	1.7	54
152	Development of Cogeneration in Germany: A Dynamic Portfolio Analysis Based on the New Regulatory Framework. SSRN Electronic Journal, 2009, , .	0.3	115
153	Sustainable energy futures: Methodological challenges in combining scenarios and participatory multi-criteria analysis. European Journal of Operational Research, 2009, 197, 1063-1074.	5.9	308
154	Assessing the performance of biogas plants with multi-criteria and data envelopment analysis. European Journal of Operational Research, 2009, 197, 1084-1094.	5.9	120
155	Risikomanagement und -controlling bei Offshore-Windenergieanlagen. Zeitschrift für Energiewirtschaft, 2009, 33, 135-146.	0.3	8
156	Spatial diffusion of biogas technology in Switzerland: a GIS-based multi-agent simulation approach. International Journal of Environment and Pollution, 2009, 39, 28.	0.2	14
157	The Economics of Energy in Developing Countries. , 2009, , .		1
158	Diffusion der Biogastechnologie in der Schweiz: eine GIS-basierte Multiagenten-Simulation. Zeitschrift für Energiewirtschaft, 2008, 32, 271-279.	0.3	3
159	Finanzierung innovativer Energietechnologien als ein wichtiger Einflussfaktor für Marktdiffusion und Politikgestaltung. Uwf UmweltWirtschaftsForum, 2008, 16, 159-164.	0.5	1
160	Diffusion of bioenergy in urban areas: A socio-economic analysis of the Swiss wood-fired cogeneration plant in Basel. Biomass and Bioenergy, 2008, 32, 815-828.	5.9	26
161	A real options evaluation model for the diffusion prospects of new renewable power generation technologies. Energy Economics, 2008, 30, 1882-1908.	12.3	201
162	Bioenergy Innovations: The Case of Wood Pellet Systems in Sweden. Technology Analysis and Strategic Management, 2007, 19, 99-125.	3.6	21

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163	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
164	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	87
165	Optimal technology choice and investment timing: A stochastic model of industrial cogeneration vs. heat-only production. <i>Energy Economics</i> , 2007, 29, 934-952.	12.3	68
166	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	148
167	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
168	Potenziale der Globalisierung zugunsten der Umwelt. <i>Wirtschaftsdienst</i> , 2007, 87, 189-190.	0.5	0
169	Lokale Energiesysteme der Zukunft. <i>Ökologisches Wirtschaften</i> , 2007, 22, .	0.2	1
170	A Sustainability Framework for Enhancing the Long-Term Success of Lulucf Projects. <i>Climatic Change</i> , 2006, 75, 241-271.	3.7	20
171	Investitionen in neue Energietechnologien: Hemmnisfaktor Finanzierung. <i>Wirtschaftsdienst</i> , 2006, 86, 328-332.	0.5	1
172	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
173	Sustainability-guided promotion of renewable electricity generation. <i>Ecological Economics</i> , 2005, 53, 147-167.	5.9	101
174	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	44
175	Title is missing!. <i>Annals of Operations Research</i> , 2003, 121, 181-203.	4.1	18
176	CO2 mitigation costs of large-scale bioenergy technologies in competitive electricity markets. <i>Energy</i> , 2003, 28, 1405-1425.	9.0	29
177	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.	4.5	19
178	Seasonality, Cointegration, and Forecasting UK Residential Energy Demand. <i>Scottish Journal of Political Economy</i> , 1999, 46, 185-206.	1.6	23
179	Residential energy demand analysis: An empirical application of the closure test principle. <i>Empirical Economics</i> , 1996, 21, 203-220.	2.9	9
180	Efficient Investment Portfolios for the Swiss Electricity Supply Sector. <i>SSRN Electronic Journal</i> , 0, , .	0.3	125

#	ARTICLE	IF	CITATIONS
181	Relating R&D and Investment Policies to CCS Market Diffusion Through Two-Factor Learning. SSRN Electronic Journal, 0, , .	0.3	95
182	Rebound Effects in German Residential Heating: Do Ownership and Income Matter?. SSRN Electronic Journal, 0, , .	0.3	99
183	Economics of High-Temperature Nuclear Reactors for Industrial Cogeneration. SSRN Electronic Journal, 0, , .	0.3	59
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#	ARTICLE	IF	CITATIONS
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#	ARTICLE	IF	CITATIONS
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