

Reinhard Haas

List of Publications by Year in descending order

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69
papers

3,037
citations

201385

27
h-index

168136

53
g-index

73
all docs

73
docs citations

73
times ranked

3126
citing authors

#	ARTICLE	IF	CITATIONS
1	Economics of electric energy storage. The case of Western Balkans. Energy, 2022, 238, 121669.	4.5	21
2	On the economics of storage for electricity: Current state and future market design prospects. Wiley Interdisciplinary Reviews: Energy and Environment, 2022, 11, .	1.9	11
3	Economic, social, and environmental aspects of Positive Energy Districtsâ€™A review. Wiley Interdisciplinary Reviews: Energy and Environment, 2022, 11, .	1.9	5
4	Financing the future infrastructure of sustainable energy systems. Green Finance, 2021, 3, 90-118.	3.6	19
5	Electric Mobility in Cities: The Case of Vienna. Energies, 2021, 14, 217.	1.6	9
6	The sector coupling concept: A critical review. Wiley Interdisciplinary Reviews: Energy and Environment, 2021, 10, e396.	1.9	53
7	On the Historical Development and Future Prospects of Various Types of Electric Mobility. Energies, 2021, 14, 1070.	1.6	15
8	Modelling Stochastic Electricity Demand of Electric Vehicles Based on Traffic Surveysâ€™The Case of Austria. Energies, 2021, 14, 1577.	1.6	4
9	How Policies Affect the Dissemination of Electric Passenger Cars Worldwide. Energies, 2021, 14, 2093.	1.6	5
10	Value Factors, Capture Prices and Cannibalism: nightmares for renewable energy decision-makers. Journal of World Energy Law and Business, 2021, 14, 231-247.	0.3	8
11	Estimating storage needs for renewables in Europe: The correlation between renewable energy sources and heating and cooling demand. Smart Energy, 2021, 3, 100038.	2.6	7
12	Renewable energy systems implementation in road transport: prospects and impediments. Renewable Energy and Environmental Sustainability, 2021, 6, 39.	0.7	4
13	The energy knowledge triangle and its contribution to sustainable energy systems. , 2021, , .		0
14	Efficient Load Management for BEV Charging Infrastructure in Multi-Apartment Buildings. Energies, 2020, 13, 5927.	1.6	3
15	On current and future economics of electricity storage. , 2020, 10, 1176-1192.		13
16	Consequences of different strategic decisions of market coupled zones on the development of energy systems based on coal and hydropower. Energy, 2020, 210, 118522.	4.5	8
17	On the economics and the future prospects of battery electric vehicles. , 2020, 10, 1151-1164.		18
18	On the role of storage for electricity in smart energy systems. Energy, 2020, 200, 117473.	4.5	55

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19	On the long-term prospects of power-to-gas technologies. Wiley Interdisciplinary Reviews: Energy and Environment, 2019, 8, e318.	1.9	19
20	On New Thinking and Designs of Electricity Markets. Energiepolitik Und Klimaschutz, 2019, , 369-385.	0.2	3
21	Economic prospects and policy framework for hydrogen as fuel in the transport sector. Energy Policy, 2018, 123, 280-288.	4.2	111
22	Electric vehicles: solution or new problem?. Environment, Development and Sustainability, 2018, 20, 7-22.	2.7	48
23	The impact of energy policies in scenarios on GHG emission reduction in passenger car mobility in the EU-15. Renewable and Sustainable Energy Reviews, 2017, 68, 1088-1096.	8.2	37
24	Machine learning analysis for a flexibility energy approach towards renewable energy integration with dynamic forecasting of electricity balancing power. , 2017, , .		5
25	Optimal sizing of residential PV-systems from a household and social cost perspective. Solar Energy, 2017, 141, 49-58.	2.9	29
26	New challenges in RES support. , 2016, , .		1
27	Reducing CO2 emissions of cars in the EU: analyzing the underlying mechanisms of standards, registration taxes and fuel taxes. Energy Efficiency, 2016, 9, 925-937.	1.3	17
28	On integrating large shares of variable renewables into the electricity system. Energy, 2016, 115, 1592-1601.	4.5	70
29	Dissemination of electric vehicles in urban areas: Major factors for success. Energy, 2016, 115, 1451-1458.	4.5	90
30	Efficient energy only markets. , 2015, , .		6
31	East to west – The optimal tilt angle and orientation of photovoltaic panels from an electricity system perspective. Applied Energy, 2015, 160, 94-107.	5.1	129
32	Driving with the sun: Why environmentally benign electric vehicles must plug in at renewables. Solar Energy, 2015, 121, 169-180.	2.9	24
33	An international overview of promotion policies for grid-connected photovoltaic systems. Progress in Photovoltaics: Research and Applications, 2014, 22, 248-273.	4.4	27
34	On the future prospects and limits of biofuels in Brazil, the US and EU. Applied Energy, 2014, 135, 730-737.	5.1	39
35	CO2-reduction potentials and costs of biomass-based alternative energy carriers in Austria. Energy, 2014, 69, 120-131.	4.5	6
36	The looming revolution: How photovoltaics will change electricity markets in Europe fundamentally. Energy, 2013, 57, 38-43.	4.5	90

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37	Driving on Renewablesâ€”On the Prospects of Alternative Fuels up to 2050 From an Energetic Point-of-View in European Union Countries. Journal of Energy Resources Technology, Transactions of the ASME, 2013, 135, .	1.4	13
38	An economic, ecological and energetic assessment of battery electric, hybrid and fuel cell cars. , 2013, , .		4
39	The Growing Impact of Renewable Energy in European Electricity Markets. , 2013, , 125-146.		4
40	The Long-Term Prospects of Biofuels in the EU-15 Countries. Energies, 2012, 5, 3110-3125.	1.6	1
41	The impact of more efficient but larger new passenger cars on energy consumption in EU-15 countries. Energy, 2012, 48, 346-355.	4.5	28
42	The role of efficiency improvements vs. price effects for modeling passenger car transport demand and energy demandâ€”Lessons from European countries. Energy Policy, 2012, 41, 36-46.	4.2	32
43	Fixed feed-in tariff versus premium: A review of the current Spanish system. Renewable and Sustainable Energy Reviews, 2012, 16, 293-305.	8.2	80
44	Efficiency and effectiveness of promotion systems for electricity generation from renewable energy sources â€” Lessons from EU countries. Energy, 2011, 36, 2186-2193.	4.5	225
45	Offshore wind power grid connectionâ€”The impact of shallow versus super-shallow charging on the cost-effectiveness of public support. Energy Policy, 2011, 39, 4631-4643.	4.2	17
46	A historical review of promotion strategies for electricity from renewable energy sources in EU countries. Renewable and Sustainable Energy Reviews, 2011, 15, 1003-1034.	8.2	319
47	Long-term strategies for an efficient use of domestic biomass resources in Austria. Biomass and Bioenergy, 2010, 34, 449-466.	2.9	11
48	Potentials and prospects for renewable energies at global scale. Energy Policy, 2008, 36, 4048-4056.	4.2	255
49	Towards sustainability of energy systems: A primer on how to apply the concept of energy services to identify necessary trends and policies. Energy Policy, 2008, 36, 4012-4021.	4.2	105
50	The relevance of cross-border transmission capacities for competition in the continental European electricity market. International Journal of Global Energy Issues, 2008, 29, 28.	0.2	5
51	Policy strategies and paths to promote sustainable energy systemsâ€”The dynamic Invert simulation tool. Energy Policy, 2007, 35, 597-608.	4.2	27
52	Economics of large-scale intermittent RES-E integration into the European grids: analyses based on the simulation software GreenNet. International Journal of Global Energy Issues, 2006, 25, 219.	0.2	7
53	Deriving efficient policy portfolios promoting sustainable energy systemsâ€”Case studies applying Invert simulation tool. Renewable Energy, 2006, 31, 2393-2410.	4.3	15
54	On the Success of Policy Strategies for the Promotion of Electricity from Renewable Energy Sources in the Eu. Energy and Environment, 2006, 17, 849-868.	2.7	90

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55	Organising a joint green European electricity market: the model ElGreen. <i>Renewable Energy</i> , 2004, 29, 197-210.	4.3	5
56	Progress in markets for grid-connected PV systems in the built environment. <i>Progress in Photovoltaics: Research and Applications</i> , 2004, 12, 427-440.	4.4	11
57	Market deployment strategies for photovoltaics: an international review. <i>Renewable and Sustainable Energy Reviews</i> , 2003, 7, 271-315.	8.2	31
58	Financial incentives to promote renewable energy systems in European electricity markets: a survey. <i>International Journal of Global Energy Issues</i> , 2001, 15, 5.	0.2	8
59	The rebound effect for space heating Empirical evidence from Austria. <i>Energy Policy</i> , 2000, 28, 403-410.	4.2	222
60	SOCIO-ECONOMIC ASPECTS OF THE AUSTRIAN 200 kWp-PHOTOVOLTAIC-ROOFTOP PROGRAMME. <i>Solar Energy</i> , 1999, 66, 183-191.	2.9	84
61	The Relevance of Asymmetry Issues for Residential Oil and Natural Gas Demand: Evidence from Selected OECD Countries, 1970-95. <i>OPEC Review</i> , 1998, 22, 113-143.	0.2	4
62	The impact of consumer behavior on residential energy demand for space heating. <i>Energy and Buildings</i> , 1998, 27, 195-205.	3.1	197
63	Impacts on electricity consumption of household appliances in Austria: A comparison of time series and cross-section analyses. <i>Energy Policy</i> , 1998, 26, 1031-1040.	4.2	29
64	RESIDENTIAL PHOTOVOLTAICS APPLICATIONS: THE RELEVANCE OF NON-TECHNICAL ISSUES. <i>International Journal of Solar Energy</i> , 1998, 20, 37-55.	0.2	4
65	The political relevance of energy and CO2 indicators-An introduction. <i>Energy Policy</i> , 1997, 25, 639-649.	4.2	31
66	Energy efficiency indicators in the residential sector. <i>Energy Policy</i> , 1997, 25, 789-802.	4.2	94
67	Some empirical findings of an Austrian appliance turn-in program. <i>Energy</i> , 1996, 21, 55-60.	4.5	3
68	The value of photovoltaic electricity for society. <i>Solar Energy</i> , 1995, 54, 25-31.	2.9	48
69	Market Penetration of Natural Gas in Europe: Prospects and Impediments. <i>Energy Sources Part A Recovery, Utilization, and Environmental Effects</i> , 1992, 14, 21-32.	0.5	2