

Jim Watson

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,715
citations

361413

20
h-index

315739

38
g-index

44
all docs

44
docs citations

44
times ranked

1591
citing authors

#	ARTICLE	IF	CITATIONS
1	Infrastructure decision-making: Opening up governance futures within techno-economic modelling. Technological Forecasting and Social Change, 2022, 174, 121208.	11.6	2
2	Mexico's renewable energy innovation system: Geothermal and solar photovoltaics case study. Environmental Innovation and Societal Transitions, 2022, 43, 200-219.	5.5	16
3	Modelling net-zero emissions energy systems requires a change in approach. Climate Policy, 2021, 21, 222-231.	5.1	85
4	Incumbents in transition? The role of the "Big Six" energy companies in the UK. Energy Policy, 2021, 148, 111927.	8.8	21
5	Embedding justice in the 1.5°C transition: A transdisciplinary research agenda. Renewable and Sustainable Energy Transition, 2021, 1, 100001.	2.9	7
6	Road to zero or road to nowhere? Disrupting transport and energy in a zero carbon world. Energy Policy, 2020, 139, 111334.	8.8	68
7	Nationally Determined Contributions under the Paris Agreement and the costs of delayed action. Climate Policy, 2019, 19, 947-958.	5.1	17
8	Governance of interactions between infrastructure sectors: The making of smart grids in the UK. Environmental Innovation and Societal Transitions, 2019, 32, 140-152.	5.5	14
9	Do energy scenarios pay sufficient attention to the environment? Lessons from the UK to support improved policy outcomes. Energy Policy, 2018, 115, 397-408.	8.8	17
10	Incorporating ecosystem services into the design of future energy systems. Applied Energy, 2018, 222, 812-822.	10.1	22
11	The future role of natural gas in the UK: A bridge to nowhere?. Energy Policy, 2018, 113, 454-465.	8.8	57
12	Low-carbon strategies towards 2050: Comparing ex-ante policy evaluation studies and national planning processes in Europe. Environmental Science and Policy, 2017, 78, 89-96.	4.9	15
13	The political economy of carbon capture and storage: An analysis of two demonstration projects. Technological Forecasting and Social Change, 2016, 102, 250-260.	11.6	66
14	Energy systems and innovation. , 2015, , 34-51.		1
15	The impact of uncertainties on the UK's medium-term climate change targets. Energy Policy, 2015, 87, 685-695.	8.8	24
16	Lessons from China: building technological capabilities for low carbon technology transfer and development. Climatic Change, 2015, 131, 387-399.	3.6	63
17	Resolving or managing uncertainties for carbon capture and storage: Lessons from historical analogues. Technological Forecasting and Social Change, 2014, 81, 192-204.	11.6	19
18	Analysing Uncertainties for CCS: From Historical Analogues to Future Deployment Pathways in the UK. Energy Procedia, 2013, 37, 7668-7679.	1.8	12

#	ARTICLE	IF	CITATIONS
19	Microgeneration in the UK and Germany from a Technological Innovation Systems Perspective. Sustainability and Innovation, 2012, , 117-140.	0.2	1
20	A socio-technical framework for assessing the viability of carbon capture and storage technology. Technological Forecasting and Social Change, 2012, 79, 903-918.	11.6	70
21	Policy incentives for carbon capture and storage technologies in Europe: A qualitative multi-criteria analysis. Global Environmental Change, 2011, 21, 346-357.	7.8	54
22	Centralization, decentralization and the scales in between: what role might they play in the UK energy system?. , 2011, , 280-297.		6
23	Debate: Time to start picking winners again?. Public Policy Research, 2011, 17, 183-188.	0.2	0
24	Assessing CCS viability - A socio-technical framework. Energy Procedia, 2011, 4, 5744-5751.	1.8	11
25	Sustainable innovation through leapfrogging: a review of the evidence. International Journal of Technology and Globalisation, 2011, 5, 170.	0.1	34
26	Scenario analysis of China's emissions pathways in the 21st century for low carbon transition. Energy Policy, 2010, 38, 3537-3546.	8.8	99
27	Intellectual property rights and low carbon technology transfer: Conflicting discourses of diffusion and development. Global Environmental Change, 2010, 20, 729-738.	7.8	124
28	Technological innovation systems for microgeneration in the UK and Germany – a functional analysis. Technology Analysis and Strategic Management, 2010, 22, 745-764.	3.5	22
29	New nuclear power in the UK: A strategy for energy security?. Energy Policy, 2009, 37, 5094-5104.	8.8	30
30	Strategies for the deployment of CCS technologies in the UK: a critical review. Energy Procedia, 2009, 1, 4535-4542.	1.8	12
31	Key policy considerations for facilitating low carbon technology transfer to developing countries. Energy Policy, 2008, 36, 4104-4115.	8.8	163
32	Domestic micro-generation: Economic, regulatory and policy issues for the UK. Energy Policy, 2008, 36, 3095-3106.	8.8	47
33	Technological capabilities and late shakeouts: industrial dynamics in the advanced gas turbine industry, 1987-2002. Industrial and Corporate Change, 2008, 17, 335-392.	2.8	41
34	China's carbon emissions and international trade: implications for post-2012 policy. Climate Policy, 2008, 8, 577-587.	5.1	58
35	Strategies for the deployment of micro-generation: Implications for social acceptance. Energy Policy, 2007, 35, 2770-2779.	8.8	233
36	From CoPS to mass production? Capabilities and innovation in power generation equipment manufacturing. Industrial and Corporate Change, 2005, 14, 1-26.	2.8	37

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37	Co-provision in sustainable energy systems: the case of micro-generation. Energy Policy, 2004, 32, 1981-1990.	8.8	65
38	Selection environments, flexibility and the success of the gas turbine. Research Policy, 2004, 33, 1065-1080.	6.4	43
39	The technology that drove the "dash for gas"™. Power Engineering Journal, 1997, 11, 11-19.	0.1	18
40	Institute of energy conference on gas turbine power generation, conference forum, London, 4 May 1995. Energy Policy, 1995, 23, 919-920.	8.8	0
41	Governance of interdependent infrastructure networks. , 0, , 294-309.		0