David M Reiner

List of Publications by Year
in descending order

99 papers	5,524 citations	201575 27 h-index	82499 72 g-index
104 all docs	104 docs citations	104 times ranked	5761 citing authors

#	Article	IF	Citations
1	Carbon capture and storage (CCS): the way forward. Energy and Environmental Science, 2018, 11, 1062-1176.	15.6	2,378
2	The drivers of Chinese CO2 emissions from 1980 to 2030. Global Environmental Change, 2008, 18, 626-634.	3.6	523
3	Structural decline in Chinaâ€™s CO2 emissions through transitions in industry and energy systems. Nature Geoscience, 2018, 11, 551-555.	5.4	340
4	Learning through a portfolio of carbon capture and storage demonstration projects. Nature Energy, 2016, 1, .	19.8	187
5	Direct air capture: process technology, techno-economic and socio-political challenges. Energy and Environmental Science, 2022, 15, 1360-1405.	15.6	176
6	The political economy of negative emissions technologies: consequences for international policy design. Climate Policy, 2018, 18, 306-321.	2.6	118
7	American Exceptionalism? Similarities and Differences in National Attitudes Toward Energy Policy and Global Warming. Environmental Science & Technology, 2006, 40, 2093-2098.	4.6	104
8	The acceptability of CO2 capture and storage (CCS) in Europe: An assessment of the key determining factors. International Journal of Greenhouse Gas Control, 2009, 3, 344-356.	2.3	91
9	Equity in allocating carbon dioxide removal quotas. Nature Climate Change, 2020, 10, 640-646.	8.1	91
10	Dynamics of the UK natural gas industry: System dynamics modelling and long-term energy policy analysis. Technological Forecasting and Social Change, 2009, 76, 339-357.	6.2	76
11	Developments in public communications on CCS. International Journal of Greenhouse Gas Control, 2015, 40, 449-458.	2.3	73
12	CO₂ Emissions Limits: Economic Adjustments and the Distribution of Burdens. Energy Journal, 1997, 18, 31-58.	0.9	67
13	Changing trends of the elasticity of China's carbon emission intensity to industry structure and energy efficiency. Energy Economics, 2020, 86, 104679.	5.6	65
14	Stakeholder perceptions of CO2 capture and storage in Europe: Results from a survey. Energy Policy, 2007, 35, 5091-5108.	4.2	64
15	Electricity demand and basic needs: Empirical evidence from China's households. Energy Policy, 2016, 90, 212-221.	4.2	62
16	Perceptions of opinion leaders towards CCS demonstration projects in China. Applied Energy, 2011, 88, 1873-1885.	5.1	61
17	Near-Term Potential of Biofuels, Electrofuels, and Battery Electric Vehicles in Decarbonizing Road Transport. Joule, 2019, 3, 2390-2402.	11.7	61
18	The acceptability of CO2 capture and storage (CCS) in Europe: An assessment of the key determining factors. International Journal of Greenhouse Gas Control, 2009, 3, 333-343.	2.3	58

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19	The evolution of a climate regime: Kyoto to Marrakech and beyond. Environmental Science and Policy, 2002, 5, 195-206.	2.4	56
20	Stakeholder attitudes on Carbon Capture and Storageâ€"An international comparison. International Journal of Greenhouse Gas Control, 2010, 4, 410-418.	2.3	47
21	Communicating CCS: Applying communications theory to public perceptions of carbon capture and storage. International Journal of Greenhouse Gas Control, 2011, 5, 1651-1662.	2.3	43
22	Regulating the Geological Sequestration of CO₂. Environmental Science & Technology, 2008, 42, 2718-2722.	4.6	38
23	Public awareness and perceptions of carbon dioxide capture and storage (CCS): Insights from surveys administered to representative samples in six European countries. Energy Procedia, 2011, 4, 6300-6306.	1.8	38
24	Assessing the value of CO2 capture ready in new-build pulverised coal-fired power plants in China. International Journal of Greenhouse Gas Control, 2009, 3, 787-792.	2.3	36
25	The Political Economy of a Carbon Price Floor for Power Generation. Energy Journal, 2019, 40, 1-24.	0.9	36
26	Climate policy after the Paris 2015 climate conference. Climate Policy, 2017, 17, 1-8.	2.6	33
27	Social Science Sequestered. Frontiers in Climate, 2020, 2, .	1.3	33
28	Peeling back the labelâ€"exploring sustainable palm oil ecolabelling and consumption in the United Kingdom. Environmental Research Letters, 2019, 14, 014001.	2.2	31
29	Emissions affected by trade among developing countries. Nature, 2009, 462, 159-159.	13.7	29
30	A comparison of techniques used to collect informed public opinions about CCS: Opinion quality after focus group discussions versus information-choice questionnaires. International Journal of Greenhouse Gas Control, 2013, 18, 256-263.	2.3	29
31	A Bayesian LSTM model to evaluate the effects of air pollution control regulations in Beijing, China. Environmental Science and Policy, 2021, 115, 26-34.	2.4	29
32	Why Consumers Switch Energy Suppliers: The Role of Individual Attitudes. Energy Journal, 2017, 38, 25-54.	0.9	27
33	How aware is the public of carbon capture and storage?. , 2005, , 1001-1009.		26
34	Getting Climate Policy on Track after The Hague. International Affairs, 2001, 77, 297-312.	0.6	20
35	Protests and Policies: How Radical Social Movement Activists Engage with Climate Policy Dilemmas. Sociology, 2021, 55, 197-217.	1.7	19
36	Stakeholder Views on Financing Carbon Capture and Storage Demonstration Projects in China. Environmental Science & Technology, 2012, 46, 643-651.	4.6	17

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37	Opportunities and barriers for implementing CO2 capture ready designs: A case study of stakeholder perceptions in Guangdong, China. Energy Policy, 2012, 45, 243-251.	4.2	17
38	Estimating Lifetimes and Stock Turnover Dynamics of Urban Residential Buildings in China. Sustainability, 2019, 11, 3720.	1.6	16
39	Public views of Scotland's path to decarbonization: Evidence from citizens' juries and focus groups. Energy Policy, 2020, 140, 111332.	4.2	16
40	Life cycle optimization of BECCS supply chains in the European Union. Applied Energy, 2021, 298, 117252.	5.1	16
41	Developing a set of regulatory analogs for carbon sequestration. Energy, 2004, 29, 1561-1570.	4.5	15
42	Stabilization and global climate policy. Global and Planetary Change, 2005, 47, 266-272.	1.6	15
43	Developing a generic System Dynamics model for building stock transformation towards energy efficiency and low-carbon development. Energy and Buildings, 2020, 224, 110246.	3.1	15
44	Opportunities and hurdles in applying CCS Technologies in China â€" With a focus on industrial stakeholders. Energy Procedia, 2009, 1, 4827-4834.	1.8	14
45	Communicating CCS: Effects of Text-only and Text-and-visual Depictions of CO2 Storage on Risk Perceptions and Attitudes. Energy Procedia, 2013, 37, 7318-7326.	1.8	14
46	Modelling future trends of annual embodied energy of urban residential building stock in China. Energy Policy, 2022, 165, 112932.	4.2	14
47	Where can I go to see one? Risk communications for an â€˜imaginary technologyâ€™. Journal of Risk Research, 2015, 18, 710-713.	1.4	12
48	Evolution in inter-firm governance along the transport biofuel value chain in Maritime Silk Road countries. Transportation Research, Part E: Logistics and Transportation Review, 2019, 122, 268-282.	3.7	12
49	Diverse community energy futures in Saskatchewan, Canada. Clean Technologies and Environmental Policy, 2020, 22, 1157-1172.	2.1	12
50	European Industrial Energy Intensity: Innovation, Environmental Regulation, and Price Effects. Energy Journal, 2020, 41, 105-128.	0.9	12
51	Behavioral issues in financing low carbon power plants. Energy Procedia, 2009, 1, 4495-4502.	1.8	11
52	Getting Ready for Carbon Capture and Storage by Issuing Capture Options. Environment and Planning A, 2010, 42, 1286-1307.	2.1	11
53	Stakeholder attitudes on carbon capture and storage â€" An international comparison. Energy Procedia, 2009, 1, 4819-4826.	1.8	10
54	Framing the Long-Term In Situ Liability Issue for Geologic Carbon Storage in the United States. Mitigation and Adaptation Strategies for Global Change, 2005, 10, 647-657.	1.0	9

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55	Public Acceptance of Geological Disposal of Carbon Dioxide and Radioactive Waste: Similarities and Differences. Advances in Global Change Research, 2011, , 295-315.	1.6	9
56	Results from the project â€˜Acceptance of CO2 capture and storage: economics, policy and technology (ACCSEPT)â€™. Energy Procedia, 2009, 1, 4649-4653.	1.8	8
57	Scrutinizing the impact of CCS communication on opinion quality: Focus group discussions versus Information-Choice Questionnaires: Results from experimental research in six countries. Energy Procedia, 2011, 4, 6182-6187.	1.8	8
58	Deploying gas power with CCS: The role of operational flexibility, merit order and the future energy system. International Journal of Greenhouse Gas Control, 2019, 91, 102838.	2.3	7
59	Is CO2 capture and storage ready to roll?. Journal for European Environmental and Planning Law, 2007, 4, 402-414.	0.3	6
60	Forecasting urban residential stock turnover dynamics using system dynamics and Bayesian model averaging. Applied Energy, 2020, 275, 115388.	5.1	6
61	Assessing the value of CO2 capture ready in new-build coal-fired power plants in China. Energy Procedia, 2009, 1, 4363-4370.	1.8	5
62	Will China expand on its carbon trading?. Nature, 2013, 499, 29-29.	13.7	5
63	Climate Impasse How The Hague Negotiations Failed. Environment, 2001, 43, 36-43.	0.8	4
64	Learning the lessons of Kyoto. Climate Policy, 2001, 1, 273-275.	2.6	4
65	Financing new power plants â€˜CCS Readyâ€™ in Chinaâ€“A case study of Shenzhen city. Energy Procedia, 2011, 4, 2572-2579.	1.8	4
66	The Evolution of Stakeholder Perceptions of Deploying CCS Technologies in China: Survey Results from Three Stakeholder Consultations in 2006, 2009 and 2012. Energy Procedia, 2013, 37, 7361-7368.	1.8	4
67	â€œDominance by birthrightâ€? Reconfiguration of firm boundaries to acquire new resources and capabilities. Industrial Management and Data Systems, 2019, 119, 1888-1907.	2.2	4
68	Resolving the Tension between CCS Deployment and Chinese Energy Security. Environmental Science & Technology, 2013, 47, 4963-4964.	4.6	3
69	Fossil Fuel Systems to 100 Per Cent Renewable Energy-Based Smart Energy Systems: Lessons from the Case of Denmark, 1973â€“2017. , 2019, , 165-186.		3
70	Impacts of energy intensity target constraint on elasticity of substitution between production factors in China. Energy Efficiency, 2021, 14, 1.	1.3	3
71	Europeâ€™s â€˜green dealâ€™ and carbon dioxide removal. Nature, 2021, 589, 19-19.	13.7	3
72	The Power of Siberia: A Eurasian Pipeline Policy â€˜Goodâ€™ for Whom?. , 2019, , 305-335.		2

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73	Economics and Politics of Shale Gas in Europe. Economics of Energy and Environmental Policy, 2015, 4, .	0.7	2
74	From citizen to consumer: energy policy and public attitudes in the UK. , 0, , 231-248.		1
75	Learning lessons on carbon storage. Nature Climate Change, 2011, 1, 96-98.	8.1	1
76	How does Changing the Penetration of Renewables and Flexibility Measures Affect the Economics of CCS Penetration?. Energy Procedia, 2017, 114, 7596-7600.	1.8	1
77	Economics â€“ The Proper Valuation of Security and Environment. , 2019, , 32-44.		1
78	Anthropology and Energy Policy. , 2019, , 69-75.		1
79	The Ethics of Nuclear Energy: Its Past, Present and Future1. , 2019, , 101-119.		1
80	Rethinking the Environmental State: An Economic History of the Swedish Environmental Kuznets Curve for Carbon. , 2019, , 139-164.		1
81	Public Participation in the Context of Energy Activities: The Role of the Aarhus Convention Compliance Committee. , 2019, , 224-236.		1
82	Biofuel Energy, Ancestral Time and the Destruction of Borneo: An Ethical Perspective. , 2019, , 237-256.		1
83	From Inspiration to Implementation:Laudato Siâ€™, Public Theology and the Demands of Energy Policy. , 2019, , 257-272.		1
84	From Public Understanding to Public Policy: Public Views on Energy, Technology, and Climate Science in the United States. , 2007, , 201-216.		1
85	Commentry: Progress at Buenos Aires?. Environment, 1999, 41, 4-6.	0.8	0
86	Developing a set of regulatory analogs for carbon sequestration. Energy, 2004, 29, 1561-1561.	4.5	0
87	Response to Comment on â€œAmerican Exceptionalism? Similarities and Differences in National Attitudes Toward Energy Policy and Global Warmingâ€• Environmental Science & Technology, 2006, 40, 6866-6866.	4.6	0
88	Short-term and long-term policies to promote CCS technologies. IOP Conference Series: Earth and Environmental Science, 2009, 6, 172012.	0.2	0
89	Management â€“ From the Drawing Board to Successful Delivery. , 2019, , 82-88.		0
90	Responses and Final Thoughts. , 2019, , 336-350.		0

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91	Introduction to Multidisciplinary Approaches. , 2019, , 275-281.		0
92	Good Energy: Philosophical Perspectives. , 2019, , 45-56.		0
93	Public Theology â€“ â€˜Groundedâ€™: An Energy Policy Rooted in Human Flourishing. , 2019, , 57-68.		0
94	History: A Long View?. , 2019, , 76-81.		0
95	Legal Aspects of Energy Policy. , 2019, , 89-98.		0
96	Fukushima and German Energy Policy 2005â€“2015/2016. , 2019, , 120-138.		0
97	Scaling Clean Energy for Data Centres: Trends, Problems, Solutions. , 2019, , 202-223.		0
98	A Comparative Study of Air Pollution Trends in Historical London and Contemporary Beijing. , 2019, , 282-304.		0
99	The Way to Net-Zero: Exploring Stakeholder Perceptions. Proceedings - Academy of Management, 2022, 2022, .	0.0	0