Marilyn A Brown

List of Publications by Year
in descending order

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74 papers	3,947 citations	159585 30 h-index	128289 60 g-index
81 all docs	81 docs citations	81 times ranked	3699 citing authors

#	Article	IF	Citations
1	Market failures and barriers as a basis for clean energy policies. Energy Policy, 2001, 29, 1197-1207.	8.8	430
2	Closing the efficiency gap: barriers to the efficient use of energy. Resources, Conservation and Recycling, 1990, 3, 267-281.	10.8	364
3	Machine learning approaches for estimating commercial building energy consumption. Applied Energy, 2017, 208, 889-904.	10.1	307
4	Twelve metropolitan carbon footprints: A preliminary comparative global assessment. Energy Policy, 2010, 38, 4856-4869.	8.8	294
5	Competing Dimensions of Energy Security: An International Perspective. Annual Review of Environment and Resources, 2010, 35, 77-108.	13.4	272
6	Opportunities and insights for reducing fossil fuel consumption by households and organizations. Nature Energy, 2016, 1, .	39.5	160
7	Scenarios for a clean energy future. Energy Policy, 2001, 29, 1179-1196.	8.8	143
8	Smart meter deployment in Europe: A comparative case study on the impacts of national policy schemes. Journal of Cleaner Production, 2017, 144, 22-32.	9.3	131
9	A bibliographic analysis of recent solar energy literatures: The expansion and evolution of a research field. Renewable Energy, 2014, 66, 696-706.	8.9	95
10	ENGINEERING-ECONOMIC STUDIES OF ENERGY TECHNOLOGIES TO REDUCE GREENHOUSE GAS EMISSIONS: Opportunities and Challenges. Annual Review of Environment and Resources, 1998, 23, 287-385.	1.2	93
11	The geography of metropolitan carbon footprints. Policy and Society, 2009, 27, 285-304.	5.6	88
12	Understanding attitudes toward energy security: Results of a cross-national survey. Global Environmental Change, 2013, 23, 609-622.	7.8	87
13	Forty years of energy security trends: A comparative assessment of 22 industrialized countries. Energy Research and Social Science, 2014, 4, 64-77.	6.4	86
14	Global transition to low-carbon electricity: A bibliometric analysis. Applied Energy, 2017, 205, 57-68.	10.1	73
15	Expanding and shifting trends in carbon market research: a quantitative bibliometric study. Journal of Cleaner Production, 2015, 103, 104-111.	9.3	71
16	High energy burden and low-income energy affordability: conclusions from a literature review. Progress in Energy, 2020, 2, 042003.	10.9	64
17	Understanding renewable energy policy adoption and evolution in Europe: The impact of coercion, normative emulation, competition, and learning. Energy Research and Social Science, 2019, 51, 1-11.	6.4	63
18	A bibliometric analysis of recent energy efficiency literatures: an expanding and shifting focus. Energy Efficiency, 2013, 6, 177-190.	2.8	62

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19	Policy drivers for improving electricity end-use efficiency in the USA: an economicâ€“engineering analysis. Energy Efficiency, 2014, 7, 517-546.	2.8	57
20	Barriers to the diffusion of climate-friendly technologies. International Journal of Technology Transfer and Commercialisation, 2011, 10, 43.	0.2	54
21	Smartâ€grid policies: an international review. Wiley Interdisciplinary Reviews: Energy and Environment, 2013, 2, 121-139.	4.1	49
22	Ancient discipline, modern concern: Geographers in the field of energy and society. Energy Research and Social Science, 2014, 1, 122-133.	6.4	48
23	Peak shifting and cross-class subsidization: The impacts of solar PV on changes in electricity costs. Energy Policy, 2017, 106, 436-444.	8.8	46
24	Energy benchmarking of commercial buildings: a low-cost pathway toward urban sustainability. Environmental Research Letters, 2013, 8, 035018.	5.2	40
25	Expert perceptions of enhancing grid resilience with electric vehicles in the United States. Energy Research and Social Science, 2019, 57, 101241.	6.4	40
26	Estimating residential energy consumption in metropolitan areas: A microsimulation approach. Energy, 2018, 155, 162-173.	8.8	38
27	Impact of domestic energy-efficiency policies on foreign innovation: The case of lighting technologies. Energy Policy, 2019, 128, 539-552.	8.8	37
28	Deconstructing facts and frames in energy research: Maxims for evaluating contentious problems. Energy Policy, 2015, 86, 36-42.	8.8	31
29	Modeling climate-driven changes in U.S. buildings energy demand. Climatic Change, 2016, 134, 29-44.	3.6	31
30	Justice, poverty, and electricity decarbonization. Electricity Journal, 2019, 32, 47-51.	2.5	31
31	Gigaton Problems Need Gigaton Solutions. Environmental Science & Technology, 2010, 44, 4037-4041.	10.0	28
32	The job generation impacts of expanding industrial cogeneration. Ecological Economics, 2015, 110, 141-153.	5.7	28
33	Smart grid governance: An international review of evolving policy issues and innovations. Wiley Interdisciplinary Reviews: Energy and Environment, 2018, 7, e290.	4.1	25
34	Carbon pricing and energy efficiency: pathways to deep decarbonization of the US electric sector. Energy Efficiency, 2019, 12, 463-481.	2.8	25
35	Demand response: A carbon-neutral resource?. Energy, 2015, 85, 10-22.	8.8	24
36	A framework for localizing global climate solutions and their carbon reduction potential. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	24

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37	Are all jobs created equal? Regional employment impacts of a U.S. carbon tax. Applied Energy, 2020, 262, 114354.	10.1	22
38	Mandating better buildings: a global review of building codes and prospects for improvement in the United States. Wiley Interdisciplinary Reviews: Energy and Environment, 2016, 5, 188-215.	4.1	20
39	Enhancing efficiency and renewables with smart grid technologies and policies. Futures, 2014, 58, 21-33.	2.5	17
40	Innovative energyâ€efficiency policies: an international review. Wiley Interdisciplinary Reviews: Energy and Environment, 2015, 4, 1-25.	4.1	17
41	Empowering the Great Energy Transition. , 2019, , .		17
42	Evaluating the risks of alternative energy policies: a case study of industrial energy efficiency. Energy Efficiency, 2014, 7, 1-22.	2.8	16
43	Frame envy in energy policy ideology: A social constructivist framework for wicked energy problems. Energy Policy, 2017, 109, 623-630.	8.8	16
44	Exploring the impact of energy efficiency as a carbon mitigation strategy in the U.S.. Energy Policy, 2017, 109, 249-259.	8.8	16
45	The size, causes, and equity implications of the demand-response gap. Energy Policy, 2021, 158, 112533.	8.8	16
46	Climate research priorities for policy-makers, practitioners, and scientists in Georgia, USA. Environmental Management, 2018, 62, 190-209.	2.7	15
47	Energy-efficiency skeptics and advocates: the debate heats up as the stakes rise. Energy Efficiency, 2017, 10, 1155-1173.	2.8	14
48	Relaxing Energy Policies Coupled with Climate Change Will Significantly Undermine Efforts to Attain US Ozone Standards. One Earth, 2019, 1, 229-239.	6.8	13
49	The economic and environmental performance of biomass as an â€œintermediateâ€•resource for power production. Utilities Policy, 2019, 58, 52-62.	4.0	12
50	Rooftop solar for all: Closing the gap between the technically possible and the achievable. Energy Research and Social Science, 2021, 80, 102203.	6.4	12
51	Myths and facts about electricity in the U.S. South. Energy Policy, 2012, 40, 231-241.	8.8	11
52	U.S. sulfur dioxide emission reductions: Shifting factors and a carbon dioxide penalty. Electricity Journal, 2017, 30, 17-24.	2.5	11
53	Estimating employment from energy-efficiency investments. MethodsX, 2020, 7, 100955.	1.6	11
54	Translating a Global Emission-Reduction Framework for Subnational Climate Action: A Case Study from the State of Georgia. Environmental Management, 2021, 67, 205-227.	2.7	10

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55	Reviving manufacturing with a federal cogeneration policy. Energy Policy, 2013, 52, 264-276.	8.8	9
56	The continuing evolution of Energy Policy. Energy Policy, 2020, 139, 111459.	8.8	9
57	Combined heat and power as a platform for clean energy systems. Applied Energy, 2021, 304, 117686.	10.1	9
58	Assessing U.S. energy policy. Daedalus, 2006, 135, 5-11.	1.8	8
59	Low-income energy affordability in an era of U.S. energy abundance. Progress in Energy, 2019, 1, 012002.	10.9	8
60	Reduced Emissions and Lower Costs: Combining Renewable Energy and Energy Efficiency into a Sustainable Energy Portfolio Standard. Electricity Journal, 2007, 20, 62-72.	2.5	7
61	Policy Considerations for Adapting Power Systems to Climate Change. Electricity Journal, 2014, 27, 112-125.	2.5	7
62	How secure are national energy systems: A dynamic assessment approach. Ecological Indicators, 2020, 108, 105666.	6.3	7
63	Of actors, cities and energy systems: advancing the transformative potential of urban electrification. Progress in Energy, 2021, 3, 032002.	10.9	7
64	Policy incentives and social cost of emissions for promoting decentralized energy production: A life cycle cost analysis. Journal of Cleaner Production, 2021, 282, 125394.	9.3	6
65	Progress in Energy and Carbon Management in Large U.S. Metropolitan Areas. Energy Procedia, 2015, 75, 2957-2962.	1.8	5
66	Alternative Business Models for Energy Efficiency: Emerging Trends in the Southeast. Electricity Journal, 2015, 28, 103-117.	2.5	4
67	Estimating Household Travel Energy Consumption in Conjunction with a Travel Demand Forecasting Model. Transportation Research Record, 2017, 2668, 1-10.	1.9	4
68	Could the US become a role model for electricity decarbonization?. One Earth, 2021, 4, 466-469.	6.8	4
69	Carbon drawdown potential of utility-scale solar in the United States: Evidence from the state of Georgia. Renewable and Sustainable Energy Reviews, 2022, 161, 112318.	16.4	4
70	Promoting a level playing field for energy options: electricity alternatives and the case of the Indian Point Energy Center. Energy Efficiency, 2008, 1, 35-48.	2.8	3
71	Commercial cogeneration benefits depend on market rules, rates, and policies. Environmental Research Letters, 2017, 12, 031003.	5.2	3
72	Policy Update: The multiple policy dimensions of carbon management: mitigation, adaptation and geoengineering. Carbon Management, 2010, 1, 27-33.	2.4	2

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73	An Economic Assessment of Low-Carbon Investment Flows in the U.S. Power Sector. SSRN Electronic Journal, 0, , .	0.4	1
74	Modernizing the energy infrastructure at federal facilities: Should utilities play a bigger role?. Electricity Journal, 2022, 35, 107078.	2.5	1