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	Modernizing the energy infrastructure at federal facilities: Should utilities play a bigger role?. Electricity Journal, 2022, 35, 107078.	2.5	1
2	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
3	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
4	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
5	Could the US become a role model for electricity decarbonization?. One Earth, 2021, 4, 466-469.	6.8	4
6	Of actors, cities and energy systems: advancing the transformative potential of urban electrification. Progress in Energy, 2021, 3, 032002.	10.9	7
7	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
8	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
9	The size, causes, and equity implications of the demand-response gap. Energy Policy, 2021, 158, 112533.	8.8	16
10	Combined heat and power as a platform for clean energy systems. Applied Energy, 2021, 304, 117686.	10.1	9
11	How secure are national energy systems: A dynamic assessment approach. Ecological Indicators, 2020, 108, 105666.	6.3	7
12	Estimating employment from energy-efficiency investments. MethodsX, 2020, 7, 100955.	1.6	11
13	Are all jobs created equal? Regional employment impacts of a U.S. carbon tax. Applied Energy, 2020, 262, 114354.	10.1	22
14	The continuing evolution of Energy Policy. Energy Policy, 2020, 139, 111459.	8.8	9
15	High energy burden and low-income energy affordability: conclusions from a literature review. Progress in Energy, 2020, 2, 042003.	10.9	64
16	Carbon pricing and energy efficiency: pathways to deep decarbonization of the US electric sector. Energy Efficiency, 2019, 12, 463-481.	2.8	25
17	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
18	Low-income energy affordability in an era of U.S. energy abundance. Progress in Energy, 2019, 1, 012002.	10.9	8

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19	Expert perceptions of enhancing grid resilience with electric vehicles in the United States. Energy Research and Social Science, 2019, 57, 101241.	6.4	40
20	Justice, poverty, and electricity decarbonization. Electricity Journal, 2019, 32, 47-51.	2.5	31
21	Impact of domestic energy-efficiency policies on foreign innovation: The case of lighting technologies. Energy Policy, 2019, 128, 539-552.	8.8	37
22	The economic and environmental performance of biomass as an â€œintermediateâ€•resource for power production. Utilities Policy, 2019, 58, 52-62.	4.0	12
23	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
24	Empowering the Great Energy Transition. , 2019, , .		17
25	Smart grid governance: An international review of evolving policy issues and innovations. Wiley Interdisciplinary Reviews: Energy and Environment, 2018, 7, e290.	4.1	25
26	Climate research priorities for policy-makers, practitioners, and scientists in Georgia, USA. Environmental Management, 2018, 62, 190-209.	2.7	15
27	Estimating residential energy consumption in metropolitan areas: A microsimulation approach. Energy, 2018, 155, 162-173.	8.8	38
28	Energy-efficiency skeptics and advocates: the debate heats up as the stakes rise. Energy Efficiency, 2017, 10, 1155-1173.	2.8	14
29	U.S. sulfur dioxide emission reductions: Shifting factors and a carbon dioxide penalty. Electricity Journal, 2017, 30, 17-24.	2.5	11
30	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
31	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
32	Machine learning approaches for estimating commercial building energy consumption. Applied Energy, 2017, 208, 889-904.	10.1	307
33	Estimating Household Travel Energy Consumption in Conjunction with a Travel Demand Forecasting Model. Transportation Research Record, 2017, 2668, 1-10.	1.9	4
34	Frame envy in energy policy ideology: A social constructivist framework for wicked energy problems. Energy Policy, 2017, 109, 623-630.	8.8	16
35	Global transition to low-carbon electricity: A bibliometric analysis. Applied Energy, 2017, 205, 57-68.	10.1	73
36	Exploring the impact of energy efficiency as a carbon mitigation strategy in the U.S.. Energy Policy, 2017, 109, 249-259.	8.8	16

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37	Commercial cogeneration benefits depend on market rules, rates, and policies. Environmental Research Letters, 2017, 12, 031003.	5.2	3
38	Opportunities and insights for reducing fossil fuel consumption by households and organizations. Nature Energy, 2016, 1, .	39.5	160
39	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
40	Modeling climate-driven changes in U.S. buildings energy demand. Climatic Change, 2016, 134, 29-44.	3.6	31
41	Progress in Energy and Carbon Management in Large U.S. Metropolitan Areas. Energy Procedia, 2015, 75, 2957-2962.	1.8	5
42	The job generation impacts of expanding industrial cogeneration. Ecological Economics, 2015, 110, 141-153.	5.7	28
43	Deconstructing facts and frames in energy research: Maxims for evaluating contentious problems. Energy Policy, 2015, 86, 36-42.	8.8	31
44	Demand response: A carbon-neutral resource?. Energy, 2015, 85, 10-22.	8.8	24
45	Alternative Business Models for Energy Efficiency: Emerging Trends in the Southeast. Electricity Journal, 2015, 28, 103-117.	2.5	4
46	Expanding and shifting trends in carbon market research: a quantitative bibliometric study. Journal of Cleaner Production, 2015, 103, 104-111.	9.3	71
47	Innovative energyâ€efficiency policies: an international review. Wiley Interdisciplinary Reviews: Energy and Environment, 2015, 4, 1-25.	4.1	17
48	Policy Considerations for Adapting Power Systems to Climate Change. Electricity Journal, 2014, 27, 112-125.	2.5	7
49	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
50	Evaluating the risks of alternative energy policies: a case study of industrial energy efficiency. Energy Efficiency, 2014, 7, 1-22.	2.8	16
51	Policy drivers for improving electricity end-use efficiency in the USA: an economicâ€“engineering analysis. Energy Efficiency, 2014, 7, 517-546.	2.8	57
52	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
53	Enhancing efficiency and renewables with smart grid technologies and policies. Futures, 2014, 58, 21-33.	2.5	17
54	Ancient discipline, modern concern: Geographers in the field of energy and society. Energy Research and Social Science, 2014, 1, 122-133.	6.4	48

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55	A bibliometric analysis of recent energy efficiency literatures: an expanding and shifting focus. Energy Efficiency, 2013, 6, 177-190.	2.8	62
56	Understanding attitudes toward energy security: Results of a cross-national survey. Global Environmental Change, 2013, 23, 609-622.	7.8	87
57	Reviving manufacturing with a federal cogeneration policy. Energy Policy, 2013, 52, 264-276.	8.8	9
58	Energy benchmarking of commercial buildings: a low-cost pathway toward urban sustainability. Environmental Research Letters, 2013, 8, 035018.	5.2	40
59	Smartâ€grid policies: an international review. Wiley Interdisciplinary Reviews: Energy and Environment, 2013, 2, 121-139.	4.1	49
60	Myths and facts about electricity in the U.S. South. Energy Policy, 2012, 40, 231-241.	8.8	11
61	Barriers to the diffusion of climate-friendly technologies. International Journal of Technology Transfer and Commercialisation, 2011, 10, 43.	0.2	54
62	Twelve metropolitan carbon footprints: A preliminary comparative global assessment. Energy Policy, 2010, 38, 4856-4869.	8.8	294
63	Policy Update: The multiple policy dimensions of carbon management: mitigation, adaptation and geoengineering. Carbon Management, 2010, 1, 27-33.	2.4	2
64	Gigaton Problems Need Gigaton Solutions. Environmental Science & Technology, 2010, 44, 4037-4041.	10.0	28
65	Competing Dimensions of Energy Security: An International Perspective. Annual Review of Environment and Resources, 2010, 35, 77-108.	13.4	272
66	The geography of metropolitan carbon footprints. Policy and Society, 2009, 27, 285-304.	5.6	88
67	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
68	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
69	Assessing U.S. energy policy. Daedalus, 2006, 135, 5-11.	1.8	8
70	Scenarios for a clean energy future. Energy Policy, 2001, 29, 1179-1196.	8.8	143
71	Market failures and barriers as a basis for clean energy policies. Energy Policy, 2001, 29, 1197-1207.	8.8	430
72	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

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73	Closing the efficiency gap: barriers to the efficient use of energy. Resources, Conservation and Recycling, 1990, 3, 267-281.	10.8	364
74	An Economic Assessment of Low-Carbon Investment Flows in the U.S. Power Sector. SSRN Electronic Journal, 0, , .	0.4	1