Gregory F Nemet

List of Publications by Year
in descending order

60	5,232	236612	253896
papers	citations	25 h-index	43 g-index

61	61	61	4547
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Historical and Future Cost Dynamics of Photovoltaic Technology. , 2022, , 50-81.		1
2	Innovation in low-energy demand and its implications for policy. , 2022, 1, .		6
3	Accelerating the low-carbon transition will require policy to enhance local learning. Energy Policy, 2022, 167, 113043.	4.2	11
4	The roles of learning mechanisms in services: Evidence from US residential solar installations. Energy Policy, 2022, 167, 113003.	4.2	3
5	Assessing learning in low carbon technologies: Toward a more comprehensive approach. Wiley Interdisciplinary Reviews: Climate Change, 2021, 12, e730.	3.6	13
6	Improving the crystal ball. Nature Energy, 2021, 6, 860-861.	19.8	3
7	What went wrong? Learning from three decades of carbon capture, utilization and sequestration (CCUS) pilot and demonstration projects. Energy Policy, 2021, 158, 112546.	4.2	64
8	Coal transitionsâ€”part 1: a systematic map and review of case study learnings from regional, national, and local coal phase-out experiences. Environmental Research Letters, 2021, 16, 113003.	2.2	40
9	Knowledge spillovers between PV installers can reduce the cost of installing solar PV. Energy Policy, 2020, 144, 111600.	4.2	22
10	The Impacts of Electric Vehicle Growth on Wholesale Electricity Prices in Wisconsin. World Electric Vehicle Journal, 2020, 11, 32.	1.6	6
11	Evidence map: topics, trends, and policy in the energy transitions literature. Environmental Research Letters, 2020, 15, 123003.	2.2	11
12	Negative emissions and international climate goalsâ€”learning from and about mitigation scenarios. Climatic Change, 2019, 157, 189-219.	1.7	74
13	Addressing the soft cost challenge in U.S. small-scale solar PV system pricing. Energy Policy, 2019, 134, 110956.	4.2	24
14	The valley of death, the technology pork barrel, and public support for large demonstration projects. Energy Policy, 2018, 119, 154-167.	4.2	59
15	Negative emissionsâ€”Part 3: Innovation and upscaling. Environmental Research Letters, 2018, 13, 063003.	2.2	224
16	Negative emissionsâ€”Part 1: Research landscape and synthesis. Environmental Research Letters, 2018, 13, 063001.	2.2	498
17	Negative emissionsâ€”Part 2: Costs, potentials and side effects. Environmental Research Letters, 2018, 13, 063002.	2.2	823
18	Quantifying the Effects of Expert Selection and Elicitation Design on Expertsâ€™ Confidence in Their Judgments About Future Energy Technologies. Risk Analysis, 2017, 37, 315-330.	1.5	22

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19	Addressing policy credibility problems for low-carbon investment. Global Environmental Change, 2017, 42, 47-57.	3.6	65
20	The underestimated potential of solar energy to mitigate climate change. Nature Energy, 2017, 2, .	19.8	563
21	Apples, oranges, and consistent comparisons of the temporal dynamics of energy transitions. Energy Research and Social Science, 2016, 22, 18-25.	3.0	146
22	Countercyclical energy and climate policy for the U.S.. Wiley Interdisciplinary Reviews: Climate Change, 2016, 7, 5-12.	3.6	19
23	Deconstructing Solar Photovoltaic Pricing: The Role of Market Structure, Technology, and Policy. Energy Journal, 2016, 37, 231-250.	0.9	44
24	The effects of expert selection, elicitation design, and R&D assumptions on experts' estimates of the future costs of photovoltaics. Energy Policy, 2015, 80, 233-243.	4.2	27
25	Characterizing the effects of policy instruments on the future costs of carbon capture for coal power plants. Climatic Change, 2015, 133, 155-168.	1.7	14
26	Four decades of multiyear targets in energy policy: aspirations or credible commitments?. Wiley Interdisciplinary Reviews: Energy and Environment, 2014, 3, 522-533.	1.9	10
27	Modeling the future costs of carbon capture using experts' elicited probabilities under policy scenarios. Energy, 2013, 56, 218-228.	4.5	20
28	Innovation in the U.S. building sector: An assessment of patent citations in building energy control technology. Energy Policy, 2013, 52, 819-831.	4.2	33
29	Sources and Consequences of Knowledge Depreciation. , 2013, , 133-145.		10
30	Technological Improvements in Solar Thermal Electricity in the United States and the Role of Public Policy. , 2013, , 165-177.		4
31	PV Learning Curves and Cost Dynamics. Semiconductors and Semimetals, 2012, , 85-142.	0.4	8
32	Inter-technology knowledge spillovers for energy technologies. Energy Economics, 2012, 34, 1259-1270.	5.6	104
33	Do important inventions benefit from knowledge originating in other technological domains?. Research Policy, 2012, 41, 190-200.	3.3	109
34	The Energy Technology Innovation System. Annual Review of Environment and Resources, 2012, 37, 137-162.	5.6	223
35	Marginalization of end-use technologies in energy innovation for climate protection. Nature Climate Change, 2012, 2, 780-788.	8.1	137
36	Subsidies for New Technologies and Knowledge Spillovers from Learning by Doing. Journal of Policy Analysis and Management, 2012, 31, 601-622.	1.1	37

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37	Modeling the Costs of Carbon Capture. Energy Systems, 2012, , 349-372.	0.5	2
38	Willingness to Pay for a Climate Backstop: Liquid Fuel Producers and Direct CO₂Air Capture. Energy Journal, 2012, 33, 53-82.	0.9	20
39	Policy, Financing and Implementation. , 2011, , 865-950.		23
40	Do Important Inventions Benefit from Knowledge Originating in Other Technological Domains?. SSRN Electronic Journal, 2011, , .	0.4	4
41	Cost containment in climate policy and incentives for technology development. Climatic Change, 2010, 103, 423-443.	1.7	16
42	Robust incentives and the design of a climate change governance regime. Energy Policy, 2010, 38, 7216-7225.	4.2	31
43	Technology-Led Climate Policy. , 2010, , 292-359.		12
44	Interim monitoring of cost dynamics for publicly supported energy technologies. Energy Policy, 2009, 37, 825-835.	4.2	99
45	Net Radiative Forcing from Widespread Deployment of Photovoltaics. Environmental Science & Technology, 2009, 43, 2173-2178.	4.6	52
46	Demand-pull, technology-push, and government-led incentives for non-incremental technical change. Research Policy, 2009, 38, 700-709.	3.3	529
47	Demand Subsidies Versus R&D: Comparing the Uncertain Impacts of Policy on a Pre-commercial Low-carbon Energy Technology. Energy Journal, 2009, 30, 49-80.	0.9	89
48	U.S. energy research and development: Declining investment, increasing need, and the feasibility of expansion. Energy Policy, 2007, 35, 746-755.	4.2	290
49	Energy Myth Eleven â€“ Energy R&D Investment Takes Decades to Reach the Market. , 2007, , 289-309.		2
50	Beyond the learning curve: factors influencing cost reductions in photovoltaics. Energy Policy, 2006, 34, 3218-3232.	4.2	542
51	Demand Subsidies vs. R&D: Comparing the Uncertain Impacts of Policy on a Pre-Commercial Low-Carbon Energy Technology. SSRN Electronic Journal, 0, , .	0.4	3
52	Policies for the Energy Technology Innovation System (ETIS). , 0, , 1665-1744.		29
53	Solar Water Heater Innovation in the United States, China, and Europe. , 0, , 105-117.		0
54	Solar Photovoltaics: Multiple Drivers of Technological Improvement. , 0, , 206-218.		1

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55	Quantifying the Effects of Expert Selection and Elicitation Design on Expertss Confidence in Their Judgments About Future Energy Technologies. SSRN Electronic Journal, 0, , .	0.4	0
56	The Valley of Death, the Technology Pork Barrel, and Public Support for Large Demonstration Projects. SSRN Electronic Journal, 0, , .	0.4	5
57	Interpreting Interim Deviations from Cost Projections for Publicly Supported Energy Technologies. SSRN Electronic Journal, 0, , .	0.4	2
58	The Effects of Expert Selection, Elicitation Design, and R&D Assumptions on Expertss Estimates of the Future Costs of Photovoltaics. SSRN Electronic Journal, 0, , .	0.4	2
59	Robust Incentives and the Design of a Climate Change Governance Regime. SSRN Electronic Journal, 0, , .	0.4	1
60	Willingness to Pay for a Climate Backstop: Liquid Fuel Producers and Direct COâ,, Air Capture. SSRN Electronic Journal, 0, , .	0.4	1