

# Ray Galvin

## List of Publications by Year in descending order

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Version: 2024-02-01

68  
papers

2,486  
citations

270111

25  
h-index

232693

48  
g-index

70  
all docs

70  
docs citations

70  
times ranked

2003  
citing authors

#	ARTICLE	IF	CITATIONS
1	Are electric vehicles getting too big and heavy? Modelling future vehicle journeying demand on a decarbonized US electricity grid. Energy Policy, 2022, 161, 112746.	4.2	19
2	A health research interdisciplinary approach for energy studies: Confirming substantial rebound effects among solar photovoltaic households in Germany. Energy Research and Social Science, 2022, 86, 102429.	3.0	8
3	Net-zero-energy buildings or zero-carbon energy systems? How best to decarbonize Germany's thermally inefficient 1950s-1970s-era apartments. Journal of Building Engineering, 2022, 54, 104671.	1.6	13
4	Why German households won't cover their roofs in photovoltaic panels: And whether policy interventions, rebound effects and heat pumps might change their minds. Renewable Energy Focus, 2022, 42, 236-252.	2.2	6
5	Single parents in cold homes in Europe: How intersecting personal and national characteristics drive up the numbers of these vulnerable households. Energy Policy, 2021, 150, 112134.	4.2	14
6	Rebound and Spillovers: Prosumers in Transition. Frontiers in Psychology, 2021, 12, 636109.	1.1	19
7	Evolution of Energy and Exergy Efficiency in the European Road Freight Industry, 1978-2018. Frontiers in Energy Research, 2021, 9, .	1.2	2
8	Can President Biden decarbonize the United States light vehicle fleet? Social-technical compromise scenarios for five automakers. Energy Research and Social Science, 2021, 77, 102104.	3.0	6
9	Identifying possible drivers of rebound effects and reverse rebounds among households with rooftop photovoltaics. Renewable Energy Focus, 2021, 38, 71-83.	2.2	9
10	Does power curb energy efficiency? Evidence from two decades of European truck tests. Energy, 2021, 232, 120867.	4.5	3
11	A conceptual framework for understanding rebound effects with renewable electricity: A new challenge for decarbonizing the electricity sector. Renewable Energy, 2021, 176, 423-432.	4.3	18
12	Diversity in transition: Is transitions research diverse (enough)?. Environmental Innovation and Societal Transitions, 2021, 41, 116-118.	2.5	6
13	Economic inequality, energy justice and the meaning of life. , 2020, , 75-96.		1
14	Recent increases in inequality in developed countries. , 2020, , 3-30.		0
15	Asymmetric structuration theory: A sociology for an epoch of extreme economic inequality. , 2020, , 53-74.		2
16	Power, evil and resistance in social structure: A sociology for energy research in a climate emergency. Energy Research and Social Science, 2020, 61, 101361.	3.0	18
17	Let justice roll down like waters: Reconnecting energy justice to its roots in the civil rights movement. Energy Research and Social Science, 2020, 62, 101385.	3.0	26
18	Yes, there is enough money to decarbonize the economies of high-income countries justly and sustainably. Energy Research and Social Science, 2020, 70, 101739.	3.0	16

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19	Who co-opted our energy efficiency gains? A sociology of macro-level rebound effects and US car makers. <i>Energy Policy</i> , 2020, 142, 111548.	4.2	14
20	I'll follow the sun: Geo-sociotechnical constraints on prosumer households in Germany. <i>Energy Research and Social Science</i> , 2020, 65, 101455.	3.0	22
21	Cold homes and Gini coefficients in EU countries. , 2020, , 145-171.		0
22	The Green New Deal in the United States: What it is and how to pay for it. <i>Energy Research and Social Science</i> , 2020, 67, 101529.	3.0	113
23	What is money? And why it matters for social science in energy research. , 2020, , 31-51.		0
24	Letting the Gini out of the fuel poverty bottle? Correlating cold homes and income inequality in European Union countries. <i>Energy Research and Social Science</i> , 2019, 58, 101255.	3.0	43
25	What does it mean to make a moral claim? A Wittgensteinian approach to energy justice. <i>Energy Research and Social Science</i> , 2019, 54, 176-184.	3.0	34
26	â€œThem and usâ€™: Regional-national power-plays in the German energy transformation: A case study in Lower Franconia. <i>Energy Policy</i> , 2018, 113, 269-277.	4.2	20
27	Trouble at the end of the line: Local activism and social acceptance in low-carbon electricity transmission in Lower Franconia, Germany. <i>Energy Research and Social Science</i> , 2018, 38, 114-126.	3.0	20
28	Harnessing social class, taste and gender for more effective policies. <i>Building Research and Information</i> , 2018, 46, 114-126.	2.0	18
29	Economic Inequality and Household Energy Consumption in High-income Countries: A Challenge for Social Science Based Energy Research. <i>Ecological Economics</i> , 2018, 153, 78-88.	2.9	72
30	Humans and stuff: Interweaving social and physical science in energy policy research. <i>Energy Research and Social Science</i> , 2017, 26, 98-102.	3.0	14
31	How does speed affect the rebound effect in car travel? Conceptual issues explored in case study of 900 Formula 1 Grand Prix speed trials. <i>Energy</i> , 2017, 128, 28-38.	4.5	5
32	Energy consumption effects of speed and acceleration in electric vehicles: Laboratory case studies and implications for drivers and policymakers. <i>Transportation Research, Part D: Transport and Environment</i> , 2017, 53, 234-248.	3.2	67
33	Ten questions concerning sustainable domestic thermal retrofit policy research. <i>Building and Environment</i> , 2017, 118, 377-388.	3.0	38
34	Rebound effects from speed and acceleration in electric and internal combustion engine cars: An empirical and conceptual investigation. <i>Applied Energy</i> , 2016, 172, 207-216.	5.1	21
35	The rebound effect and Schatzkiâ€™s social theory: Reassessing the socio-materiality of energy consumption via a German case study. <i>Energy Research and Social Science</i> , 2016, 22, 183-193.	3.0	28
36	Schatzkian practice theory and energy consumption research: Time for some philosophical spring cleaning?. <i>Energy Research and Social Science</i> , 2016, 22, 63-68.	3.0	26

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37	Quantification of (p)rebound effects in retrofit policies – Why does it matter?. Energy, 2016, 95, 415-424.	4.5	50
38	A methodology for estimating rebound effects in non-residential public service buildings: Case study of four buildings in Germany. Energy and Buildings, 2016, 111, 455-467.	3.1	23
39	Irrational homeowners? How aesthetics and heritage values influence thermal retrofit decisions in the United Kingdom. Energy Research and Social Science, 2016, 11, 97-108.	3.0	61
40	Selling energy savings in the United Kingdom: A case study of top-down pro-environmental behaviour change in commercial office buildings. Energy Research and Social Science, 2016, 11, 155-163.	3.0	16
41	Integrating the rebound effect: accurate predictors for upgrading domestic heating. Building Research and Information, 2015, 43, 710-722.	2.0	18
42	How many interviews are enough? Do qualitative interviews in building energy consumption research produce reliable knowledge?. Journal of Building Engineering, 2015, 1, 2-12.	1.6	194
43	Constant rebound effects in domestic heating: Developing a cross-sectional method. Ecological Economics, 2015, 110, 28-35.	2.9	17
44	The rebound effect, gender and social justice: A case study in Germany. Energy Policy, 2015, 86, 759-769.	4.2	30
45	The ICT/electronics question: Structural change and the rebound effect. Ecological Economics, 2015, 120, 23-31.	2.9	57
46	Why German homeowners are reluctant to retrofit. Building Research and Information, 2014, 42, 398-408.	2.0	68
47	Making the rebound effect more useful for performance evaluation of thermal retrofits of existing homes: Defining the energy savings deficit and the energy performance gap. Energy and Buildings, 2014, 69, 515-524.	3.1	150
48	The UK homeowner-retrofitter as an innovator in a socio-technical system. Energy Policy, 2014, 74, 655-662.	4.2	41
49	Disaggregating the causes of falling consumption of domestic heating energy in Germany. Energy Efficiency, 2014, 7, 851-864.	1.3	10
50	Estimating broad-brush rebound effects for household energy consumption in the EU 28 countries and Norway: some policy implications of Odyssee data. Energy Policy, 2014, 73, 323-332.	4.2	57
51	Are passive houses economically viable? A reality-based, subjectivist approach to cost-benefit analyses. Energy and Buildings, 2014, 80, 149-157.	3.1	21
52	Targeting behaviors rather than behaviours: A subject-oriented approach for reducing space heating rebound effects in low energy dwellings. Energy and Buildings, 2013, 67, 596-607.	3.1	45
53	Impediments to energy-efficient ventilation of German dwellings: A case study in Aachen. Energy and Buildings, 2013, 56, 32-40.	3.1	58
54	Economic viability in thermal retrofit policies: Learning from ten years of experience in Germany. Energy Policy, 2013, 54, 343-351.	4.2	77

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55	Evaluating the evaluations: Evidence from energy efficiency programmes in Germany and the UK. Energy and Buildings, 2013, 62, 450-458.	3.1	78
56	A Critical Appraisal of Germany's Thermal Retrofit Policy. Green Energy and Technology, 2013, , .	0.4	10
57	The Economics of Thermal Retrofits in Germany. Green Energy and Technology, 2013, , 85-102.	0.4	0
58	Conclusions: A New Way Forward. Green Energy and Technology, 2013, , 135-148.	0.4	0
59	Development of German Retrofit Policy. Green Energy and Technology, 2013, , 11-27.	0.4	0
60	The Technical Potential and Limitations of Thermal Retrofits in Germany. Green Energy and Technology, 2013, , 47-65.	0.4	0
61	German Retrofit Policy in Context. Green Energy and Technology, 2013, , 29-46.	0.4	1
62	The Prebound Effect: Discrepancies Between Measured and Calculated Consumption. Green Energy and Technology, 2013, , 67-84.	0.4	0
63	Introducing the prebound effect: the gap between performance and actual energy consumption. Building Research and Information, 2012, 40, 260-273.	2.0	451
64	Including fuel price elasticity of demand in net present value and payback time calculations of thermal retrofits: Case study of German dwellings. Energy and Buildings, 2012, 50, 219-228.	3.1	28
65	German Federal policy on thermal renovation of existing homes: A policy evaluation. Sustainable Cities and Society, 2012, 4, 58-66.	5.1	52
66	Thermal upgrades of existing homes in Germany: The building code, subsidies, and economic efficiency. Energy and Buildings, 2010, 42, 834-844.	3.1	97
67	Solving mould and condensation problems: A dehumidifier trial in a suburban house in Britain. Energy and Buildings, 2010, 42, 2118-2123.	3.1	21
68	The Rebound Effect in Home Heating. , 0, , .		13