

# Benjamin K Sovacool

## List of Publications by Citations

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534  
papers

22,590  
citations

76  
h-index

128  
g-index

560  
ext. papers

28,277  
ext. citations

8.1  
avg. IF

8.48  
L-index

#	Paper	IF	Citations
534	What are we doing here? Analyzing fifteen years of energy scholarship and proposing a social science research agenda. <i>Energy Research and Social Science</i> , <b>2014</b> , 1, 1-29	7.7	836
533	An agenda for sustainability transitions research: State of the art and future directions. <i>Environmental Innovation and Societal Transitions</i> , <b>2019</b> , 31, 1-32	7.6	667
532	Electricity market design for the prosumer era. <i>Nature Energy</i> , <b>2016</b> , 1,	62.3	502
531	Promoting novelty, rigor, and style in energy social science: Towards codes of practice for appropriate methods and research design. <i>Energy Research and Social Science</i> , <b>2018</b> , 45, 12-42	7.7	446
530	How long will it take? Conceptualizing the temporal dynamics of energy transitions. <i>Energy Research and Social Science</i> , <b>2016</b> , 13, 202-215	7.7	433
529	Energy justice: Conceptual insights and practical applications. <i>Applied Energy</i> , <b>2015</b> , 142, 435-444	10.7	417
528	Beyond batteries: An examination of the benefits and barriers to plug-in hybrid electric vehicles (PHEVs) and a vehicle-to-grid (V2G) transition. <i>Energy Policy</i> , <b>2009</b> , 37, 1095-1103	7.2	404
527	Sociotechnical transitions for deep decarbonization. <i>Science</i> , <b>2017</b> , 357, 1242-1244	33.3	364
526	Conceptualizing and measuring energy security: A synthesized approach. <i>Energy</i> , <b>2011</b> , 36, 5343-5355	7.9	320
525	Valuing the greenhouse gas emissions from nuclear power: A critical survey. <i>Energy Policy</i> , <b>2008</b> , 36, 2950-2963	7.9	306
524	The political economy of energy poverty: A review of key challenges. <i>Energy for Sustainable Development</i> , <b>2012</b> , 16, 272-282	5.4	261
523	Twelve metropolitan carbon footprints: A preliminary comparative global assessment. <i>Energy Policy</i> , <b>2010</b> , 38, 4856-4869	7.2	247
522	New frontiers and conceptual frameworks for energy justice. <i>Energy Policy</i> , <b>2017</b> , 105, 677-691	7.2	246
521	Rejecting renewables: The socio-technical impediments to renewable electricity in the United States. <i>Energy Policy</i> , <b>2009</b> , 37, 4500-4513	7.2	229
520	Energy decisions reframed as justice and ethical concerns. <i>Nature Energy</i> , <b>2016</b> , 1,	62.3	225
519	Assessing the lifecycle greenhouse gas emissions from solar PV and wind energy: A critical meta-survey. <i>Energy Policy</i> , <b>2014</b> , 65, 229-244	7.2	210
518	Competing Dimensions of Energy Security: An International Perspective. <i>Annual Review of Environment and Resources</i> , <b>2010</b> , 35, 77-108	17.2	208

517	The Socio-Technical Dynamics of Low-Carbon Transitions. <i>Joule</i> , <b>2017</b> , 1, 463-479	27.8	206
516	Integrating techno-economic, socio-technical and political perspectives on national energy transitions: A meta-theoretical framework. <i>Energy Research and Social Science</i> , <b>2018</b> , 37, 175-190	7.7	203
515	Ordering theories: Typologies and conceptual frameworks for sociotechnical change. <i>Social Studies of Science</i> , <b>2017</b> , 47, 703-750	2.4	195
514	Cornucopia or curse? Reviewing the costs and benefits of shale gas hydraulic fracturing (fracking). <i>Renewable and Sustainable Energy Reviews</i> , <b>2014</b> , 37, 249-264	16.2	193
513	Diversity: Energy studies need social science. <i>Nature</i> , <b>2014</b> , 511, 529-30	50.4	192
512	Integrating social science in energy research. <i>Energy Research and Social Science</i> , <b>2015</b> , 6, 95-99	7.7	188
511	The uniqueness of the energy security, justice, and governance problem. <i>Energy Policy</i> , <b>2012</b> , 41, 232-240	7.2	178
510	Who governs energy? The challenges facing global energy governance. <i>Energy Policy</i> , <b>2009</b> , 37, 5239-5248	7.2	168
509	Palm oil-based biofuels and sustainability in southeast Asia: A review of Indonesia, Malaysia, and Thailand. <i>Renewable and Sustainable Energy Reviews</i> , <b>2014</b> , 37, 1-12	16.2	166
508	It starts at home? Climate policies targeting household consumption and behavioral decisions are key to low-carbon futures. <i>Energy Research and Social Science</i> , <b>2019</b> , 52, 144-158	7.7	165
507	Resolving society's energy trilemma through the Energy Justice Metric. <i>Energy Policy</i> , <b>2015</b> , 87, 168-176	7.2	159
506	Connecting climate action with other Sustainable Development Goals. <i>Nature Sustainability</i> , <b>2019</b> , 2, 674-680	22.1	158
505	Evaluating energy security performance from 1990 to 2010 for eighteen countries. <i>Energy</i> , <b>2011</b> , 36, 5846-5853	7.9	154
504	A conceptual framework for understanding the social acceptance of energy infrastructure: Insights from energy storage. <i>Energy Policy</i> , <b>2017</b> , 107, 27-31	7.2	149
503	An international comparison of four polycentric approaches to climate and energy governance. <i>Energy Policy</i> , <b>2011</b> , 39, 3832-3844	7.2	146
502	Reducing energy demand through low carbon innovation: A sociotechnical transitions perspective and thirteen research debates. <i>Energy Research and Social Science</i> , <b>2018</b> , 40, 23-35	7.7	142
501	The intermittency of wind, solar, and renewable electricity generators: Technical barrier or rhetorical excuse?. <i>Utilities Policy</i> , <b>2009</b> , 17, 288-296	3.3	138
500	Sustainable minerals and metals for a low-carbon future. <i>Science</i> , <b>2020</b> , 367, 30-33	33.3	135

499	Towards a science of climate and energy choices. <i>Nature Climate Change</i> , <b>2016</b> , 6, 547-555	21.4	134
498	Conceptualizing the acceptance of wind and solar electricity. <i>Renewable and Sustainable Energy Reviews</i> , <b>2012</b> , 16, 5268-5279	16.2	133
497	The importance of comprehensiveness in renewable electricity and energy-efficiency policy. <i>Energy Policy</i> , <b>2009</b> , 37, 1529-1541	7.2	129
496	Humanizing sociotechnical transitions through energy justice: An ethical framework for global transformative change. <i>Energy Policy</i> , <b>2018</b> , 117, 66-74	7.2	127
495	Evaluating energy security in the Asia pacific: Towards a more comprehensive approach. <i>Energy Policy</i> , <b>2011</b> , 39, 7472-7479	7.2	127
494	Identifying future electricity-water tradeoffs in the United States. <i>Energy Policy</i> , <b>2009</b> , 37, 2763-2773	7.2	121
493	Examining the social acceptance of wind energy: Practical guidelines for onshore wind project development in France. <i>Renewable and Sustainable Energy Reviews</i> , <b>2016</b> , 53, 178-184	16.2	114
492	Energy justice in the transition to low carbon energy systems: Exploring key themes in interdisciplinary research. <i>Applied Energy</i> , <b>2019</b> , 233-234, 916-921	10.7	111
491	Quantifying, measuring, and strategizing energy security: Determining the most meaningful dimensions and metrics. <i>Energy</i> , <b>2014</b> , 76, 838-849	7.9	107
490	New partnerships and business models for facilitating energy access. <i>Energy Policy</i> , <b>2012</b> , 47, 48-55	7.2	107
489	Building responsiveness to climate change through community based adaptation in Bangladesh. <i>Mitigation and Adaptation Strategies for Global Change</i> , <b>2011</b> , 16, 845-863	3.9	104
488	Further reflections on the temporality of energy transitions: A response to critics. <i>Energy Research and Social Science</i> , <b>2016</b> , 22, 232-237	7.7	102
487	The cultural barriers to renewable energy and energy efficiency in the United States. <i>Technology in Society</i> , <b>2009</b> , 31, 365-373	6.3	102
486	An international assessment of energy security performance. <i>Ecological Economics</i> , <b>2013</b> , 88, 148-158	5.6	100
485	Prioritizing low-carbon energy sources to enhance China's energy security. <i>Energy Conversion and Management</i> , <b>2015</b> , 92, 129-136	10.6	99
484	Fuel poverty, affordability, and energy justice in England: Policy insights from the Warm Front Program. <i>Energy</i> , <b>2015</b> , 93, 361-371	7.9	98
483	The costs of failure: A preliminary assessment of major energy accidents, 1907-2007. <i>Energy Policy</i> , <b>2008</b> , 36, 1802-1820	7.2	98
482	The barriers to energy efficiency in China: Assessing household electricity savings and consumer behavior in Liaoning Province. <i>Energy Policy</i> , <b>2010</b> , 38, 1202-1209	7.2	96

481	Contextualizing avian mortality: A preliminary appraisal of bird and bat fatalities from wind, fossil-fuel, and nuclear electricity. <i>Energy Policy</i> , <b>2009</b> , 37, 2241-2248	7.2	95
480	The demographics of decarbonizing transport: The influence of gender, education, occupation, age, and household size on electric mobility preferences in the Nordic region. <i>Global Environmental Change</i> , <b>2018</b> , 52, 86-100	10.1	92
479	Vulnerability and resistance in the United Kingdom's smart meter transition. <i>Energy Policy</i> , <b>2017</b> , 109, 767-781	7.2	91
478	Policy mechanisms to accelerate electric vehicle adoption: A qualitative review from the Nordic region. <i>Renewable and Sustainable Energy Reviews</i> , <b>2018</b> , 94, 719-731	16.2	89
477	Hard and soft paths for climate change adaptation. <i>Climate Policy</i> , <b>2011</b> , 11, 1177-1183	5.3	89
476	Smart home technologies in Europe: A critical review of concepts, benefits, risks and policies. <i>Renewable and Sustainable Energy Reviews</i> , <b>2020</b> , 120, 109663	16.2	89
475	Fear and loathing of electric vehicles: The reactionary rhetoric of range anxiety. <i>Energy Research and Social Science</i> , <b>2019</b> , 48, 96-107	7.7	87
474	Energy policymaking in Denmark: Implications for global energy security and sustainability. <i>Energy Policy</i> , <b>2013</b> , 61, 829-839	7.2	85
473	The neglected social dimensions to a vehicle-to-grid (V2G) transition: a critical and systematic review. <i>Environmental Research Letters</i> , <b>2018</b> , 13, 013001	6.2	84
472	Contextualizing the Covid-19 pandemic for a carbon-constrained world: Insights for sustainability transitions, energy justice, and research methodology. <i>Energy Research and Social Science</i> , <b>2020</b> , 68, 101701	7.7	84
471	The roles of users in electric, shared and automated mobility transitions. <i>Transportation Research, Part D: Transport and Environment</i> , <b>2019</b> , 71, 1-21	6.4	82
470	What moves and works: Broadening the consideration of energy poverty. <i>Energy Policy</i> , <b>2012</b> , 42, 715-719	7.2	82
469	Reviewing, Reforming, and Rethinking Global Energy Subsidies: Towards a Political Economy Research Agenda. <i>Ecological Economics</i> , <b>2017</b> , 135, 150-163	5.6	81
468	Sustainability, shale gas, and energy transition in China: Assessing barriers and prioritizing strategic measures. <i>Energy</i> , <b>2015</b> , 84, 551-562	7.9	81
467	An international comparative assessment of construction cost overruns for electricity infrastructure. <i>Energy Research and Social Science</i> , <b>2014</b> , 3, 152-160	7.7	81
466	Global Energy Justice: Problems, Principles, and Practices <b>2014</b> ,		81
465	Energy Governance, Transnational Rules, and the Resource Curse: Exploring the Effectiveness of the Extractive Industries Transparency Initiative (EITI). <i>World Development</i> , <b>2016</b> , 83, 179-192	5.5	80
464	The precarious political economy of cobalt: Balancing prosperity, poverty, and brutality in artisanal and industrial mining in the Democratic Republic of the Congo. <i>The Extractive Industries and Society</i> , <b>2019</b> , 6, 915-939	3.2	79

463	The socio-technical barriers to Solar Home Systems (SHS) in Papua New Guinea: "Choosing pigs, prostitutes, and poker chips over panels" <i>Energy Policy</i> , <b>2011</b> , 39, 1532-1542	7.2	79
462	Decarbonization and its discontents: a critical energy justice perspective on four low-carbon transitions. <i>Climatic Change</i> , <b>2019</b> , 155, 581-619	4.5	78
461	Conceptualizing urban household energy use: Climbing the "Energy Services Ladder" <i>Energy Policy</i> , <b>2011</b> , 39, 1659-1668	7.2	77
460	Contestation, contingency, and justice in the Nordic low-carbon energy transition. <i>Energy Policy</i> , <b>2017</b> , 102, 569-582	7.2	76
459	Sociotechnical matters: Reviewing and integrating science and technology studies with energy social science. <i>Energy Research and Social Science</i> , <b>2020</b> , 65, 101462	7.7	76
458	The misallocation of climate research funding. <i>Energy Research and Social Science</i> , <b>2020</b> , 62, 101349	7.7	76
457	The Future Promise of Vehicle-to-Grid (V2G) Integration: A Sociotechnical Review and Research Agenda. <i>Annual Review of Environment and Resources</i> , <b>2017</b> , 42, 377-406	17.2	75
456	China's energy security: The perspective of energy users. <i>Applied Energy</i> , <b>2011</b> , 88, 1949-1956	10.7	75
455	Does transparency matter? Evaluating the governance impacts of the Extractive Industries Transparency Initiative (EITI) in Azerbaijan and Liberia. <i>Resources Policy</i> , <b>2015</b> , 45, 183-192	7.2	73
454	Sociotechnical agendas: Reviewing future directions for energy and climate research. <i>Energy Research and Social Science</i> , <b>2020</b> , 70, 101617	7.7	72
453	Risk, innovation, electricity infrastructure and construction cost overruns: Testing six hypotheses. <i>Energy</i> , <b>2014</b> , 74, 906-917	7.9	71
452	Scaling the policy response to climate change. <i>Policy and Society</i> , <b>2009</b> , 27, 317-328	8.1	71
451	Harnessing social innovation for energy justice: A business model perspective. <i>Energy Policy</i> , <b>2017</b> , 107, 631-639	7.2	69
450	Forty years of energy security trends: A comparative assessment of 22 industrialized countries. <i>Energy Research and Social Science</i> , <b>2014</b> , 4, 64-77	7.7	69
449	Examining the Small Renewable Energy Power (SREP) Program in Malaysia. <i>Energy Policy</i> , <b>2011</b> , 39, 7244-7256	7.2	69
448	A systematic review of motivations, enablers and barriers for consumer engagement with residential demand response. <i>Energy Policy</i> , <b>2020</b> , 138, 111221	7.2	68
447	A qualitative factor analysis of renewable energy and Sustainable Energy for All (SE4ALL) in the Asia-Pacific. <i>Energy Policy</i> , <b>2013</b> , 59, 393-403	7.2	68
446	Determining the life cycle energy efficiency of six biofuel systems in China: a Data Envelopment Analysis. <i>Bioresource Technology</i> , <b>2014</b> , 162, 1-7	11	67

445	Market dynamics, innovation, and transition in China's solar photovoltaic (PV) industry: A critical review. <i>Renewable and Sustainable Energy Reviews</i> , <b>2017</b> , 69, 197-206	16.2	67
444	Measuring energy security performance within China: Toward an inter-provincial prospective. <i>Energy</i> , <b>2017</b> , 125, 825-836	7.9	66
443	Policy mixes for incumbency: Exploring the destructive recreation of renewable energy, shale gas fracking, and nuclear power in the United Kingdom. <i>Energy Research and Social Science</i> , <b>2017</b> , 33, 147-162	7.7	66
442	Back to the Future: Small Modular Reactors, Nuclear Fantasies, and Symbolic Convergence. <i>Science Technology and Human Values</i> , <b>2015</b> , 40, 96-125	2.5	66
441	A systematic review of the energy and climate impacts of teleworking. <i>Environmental Research Letters</i> , <b>2020</b> , 15, 093003	6.2	66
440	Promoting Vehicle to Grid (V2G) in the Nordic region: Expert advice on policy mechanisms for accelerated diffusion. <i>Energy Policy</i> , <b>2018</b> , 116, 422-432	7.2	66
439	Understanding attitudes toward energy security: Results of a cross-national survey. <i>Global Environmental Change</i> , <b>2013</b> , 23, 609-622	10.1	64
438	Bridging the Gaps in Global Energy Governance. <i>Global Governance</i> , <b>2011</b> , 17, 57-74	0.7	64
437	Exploring Scientific Misconduct: Isolated Individuals, Impure Institutions, or an Inevitable Idiom of Modern Science?. <i>Journal of Bioethical Inquiry</i> , <b>2008</b> , 5, 271-282	1.9	64
436	Who are the victims of low-carbon transitions? Towards a political ecology of climate change mitigation. <i>Energy Research and Social Science</i> , <b>2021</b> , 73, 101916	7.7	64
435	Experts, theories, and electric mobility transitions: Toward an integrated conceptual framework for the adoption of electric vehicles. <i>Energy Research and Social Science</i> , <b>2017</b> , 27, 78-95	7.7	63
434	Enhancing China's energy security: Determining influential factors and effective strategic measures. <i>Energy Conversion and Management</i> , <b>2014</b> , 88, 589-597	10.6	63
433	Construction Cost Overruns and Electricity Infrastructure: An Unavoidable Risk?. <i>Electricity Journal</i> , <b>2014</b> , 27, 112-120	2.6	63
432	Competing policy packages and the complexity of energy security. <i>Energy</i> , <b>2014</b> , 67, 641-651	7.9	61
431	Expanding renewable energy access with pro-poor public private partnerships in the developing world. <i>Energy Strategy Reviews</i> , <b>2013</b> , 1, 181-192	9.8	61
430	Beyond emissions and economics: Rethinking the co-benefits of electric vehicles (EVs) and vehicle-to-grid (V2G). <i>Transport Policy</i> , <b>2018</b> , 71, 130-137	5.7	61
429	Energy and environmental attitudes in the green state of Denmark: Implications for energy democracy, low carbon transitions, and energy literacy. <i>Environmental Science and Policy</i> , <b>2015</b> , 54, 304-315	6.2	59
428	Temporality, vulnerability, and energy justice in household low carbon innovations. <i>Energy Policy</i> , <b>2019</b> , 128, 495-504	7.2	58

427	A Critical Evaluation of Nuclear Power and Renewable Electricity in Asia. <i>Journal of Contemporary Asia</i> , <b>2010</b> , 40, 369-400	1.1	58
426	Who buys New Energy Vehicles in China? Assessing social-psychological predictors of purchasing awareness, intention, and policy. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , <b>2018</b> , 58, 56-69	4.5	57
425	A comparative analysis of renewable electricity support mechanisms for Southeast Asia. <i>Energy</i> , <b>2010</b> , 35, 1779-1793	7.9	57
424	Technological diffusion as a process of societal embedding: Lessons from historical automobile transitions for future electric mobility. <i>Transportation Research, Part D: Transport and Environment</i> , <b>2019</b> , 71, 47-66	6.4	57
423	Bamboo Beating Bandits: Conflict, Inequality, and Vulnerability in the Political Ecology of Climate Change Adaptation in Bangladesh. <i>World Development</i> , <b>2018</b> , 102, 183-194	5.5	57
422	Assessing the socio-demographic, technical, economic and behavioral factors of Nordic electric vehicle adoption and the influence of vehicle-to-grid preferences. <i>Renewable and Sustainable Energy Reviews</i> , <b>2020</b> , 121, 109692	16.2	56
421	Behind an ambitious megaproject in Asia: The history and implications of the Bakun hydroelectric dam in Borneo. <i>Energy Policy</i> , <b>2011</b> , 39, 4842-4859	7.2	56
420	The political economy of technological capabilities and global production networks in South Africa's wind and solar photovoltaic (PV) industries. <i>Political Geography</i> , <b>2017</b> , 60, 1-12	2.2	55
419	Imagined people, behaviour and future mobility: Insights from visions of electric vehicles and car clubs in the United Kingdom. <i>Transport Policy</i> , <b>2017</b> , 59, 165-173	5.7	55
418	Willingness to pay for electric vehicles and vehicle-to-grid applications: A Nordic choice experiment. <i>Energy Economics</i> , <b>2019</b> , 78, 525-534	8.3	55
417	The whole systems energy injustice of four European low-carbon transitions. <i>Global Environmental Change</i> , <b>2019</b> , 58, 101958	10.1	54
416	Design principles for renewable energy programs in developing countries. <i>Energy and Environmental Science</i> , <b>2012</b> , 5, 9157	35.4	54
415	Improving Access to Modern Energy Services: Insights from Case Studies. <i>Electricity Journal</i> , <b>2012</b> , 25, 93-114	2.6	53
414	Energy justice and the contested petroleum politics of stranded assets: Policy insights from the Yasuní-ITT Initiative in Ecuador. <i>Energy Policy</i> , <b>2016</b> , 95, 158-171	7.2	53
413	Differing cultures of energy security: An international comparison of public perceptions. <i>Renewable and Sustainable Energy Reviews</i> , <b>2016</b> , 55, 811-822	16.2	52
412	Halting hydro: A review of the socio-technical barriers to hydroelectric power plants in Nepal. <i>Energy</i> , <b>2011</b> , 36, 3468-3476	7.9	52
411	The socio-political economy of nuclear power development in Japan and South Korea. <i>Energy Policy</i> , <b>2010</b> , 38, 7971-7979	7.2	52
410	The decarbonisation divide: Contextualizing landscapes of low-carbon exploitation and toxicity in Africa. <i>Global Environmental Change</i> , <b>2020</b> , 60, 102028	10.1	52

409	Energy security and hydropower development in Malaysia: The drivers and challenges facing the Sarawak Corridor of Renewable Energy (SCORE). <i>Renewable Energy</i> , <b>2012</b> , 40, 113-129	8.1	50
408	The cultural barriers to a low-carbon future: A review of six mobility and energy transitions across 28 countries. <i>Renewable and Sustainable Energy Reviews</i> , <b>2020</b> , 119, 109569	16.2	50
407	Why Did Better Place Fail?: Range anxiety, interpretive flexibility, and electric vehicle promotion in Denmark and Israel. <i>Energy Policy</i> , <b>2016</b> , 94, 377-386	7.2	50
406	Dismissive and deceptive car dealerships create barriers to electric vehicle adoption at the point of sale. <i>Nature Energy</i> , <b>2018</b> , 3, 501-507	62.3	50
405	Elite power in low-carbon transitions: A critical and interdisciplinary review. <i>Energy Research and Social Science</i> , <b>2019</b> , 57, 101242	7.7	49
404	Exploring propositions about perceptions of energy security: An international survey. <i>Environmental Science and Policy</i> , <b>2012</b> , 16, 44-64	6.2	49
403	Symbolic convergence and the hydrogen economy. <i>Energy Policy</i> , <b>2010</b> , 38, 1999-2012	7.2	49
402	Energy Injustice and Nordic Electric Mobility: Inequality, Elitism, and Externalities in the Electrification of Vehicle-to-Grid (V2G) Transport. <i>Ecological Economics</i> , <b>2019</b> , 157, 205-217	5.6	49
401	Of Disasters and Dragon Kings: A Statistical Analysis of Nuclear Power Incidents and Accidents. <i>Risk Analysis</i> , <b>2017</b> , 37, 99-115	3.9	48
400	Energy efficiency and renewable energy under extreme conditions: Case studies from Antarctica. <i>Renewable Energy</i> , <b>2010</b> , 35, 1715-1723	8.1	47
399	Actors, business models, and innovation activity systems for vehicle-to-grid (V2G) technology: A comprehensive review. <i>Renewable and Sustainable Energy Reviews</i> , <b>2020</b> , 131, 109963	16.2	46
398	Expert views of climate change adaptation in least developed Asia. <i>Journal of Environmental Management</i> , <b>2012</b> , 97, 78-88	7.9	46
397	Reassessing the safety of nuclear power. <i>Energy Research and Social Science</i> , <b>2016</b> , 15, 96-100	7.7	45
396	Thinking big: Politics, progress, and security in the management of Asian and European energy megaprojects. <i>Energy Policy</i> , <b>2014</b> , 74, 16-27	7.2	45
395	The methodological challenges of creating a comprehensive energy security index. <i>Energy Policy</i> , <b>2012</b> , 48, 835-840	7.2	45
394	Summoning earth and fire: The energy development implications of Grameen Shakti (GS) in Bangladesh. <i>Energy</i> , <b>2011</b> , 36, 4445-4459	7.9	45
393	How much wind power potential does Europe have? Examining European wind power potential with an enhanced socio-technical atlas. <i>Energy Policy</i> , <b>2019</b> , 132, 1092-1100	7.2	44
392	Wind Turbines and Invisible Technology: Unarticulated Reasons for Local Opposition to Wind Energy. <i>Technology and Culture</i> , <b>2013</b> , 54, 705-734	0.5	43

391	Competing discourses of energy development: The implications of the Medupi coal-fired power plant in South Africa. <i>Global Environmental Change</i> , <b>2011</b> , 21, 1141-1151	10.1	43
390	Energy policy and cooperation in Southeast Asia: The history, challenges, and implications of the trans-ASEAN gas pipeline (TAGP) network. <i>Energy Policy</i> , <b>2009</b> , 37, 2356-2367	7.2	43
389	Climate change and industrial F-gases: A critical and systematic review of developments, sociotechnical systems and policy options for reducing synthetic greenhouse gas emissions. <i>Renewable and Sustainable Energy Reviews</i> , <b>2021</b> , 141, 110759	16.2	43
388	Of temporality and plurality: an epistemic and governance agenda for accelerating just transitions for energy access and sustainable development. <i>Current Opinion in Environmental Sustainability</i> , <b>2018</b> , 34, 1-6	7.2	43
387	Fuel poverty, excess winter deaths, and energy costs in Vermont: Burdensome for whom?. <i>Energy Policy</i> , <b>2016</b> , 90, 81-91	7.2	42
386	The trials and tribulations of the Village Energy Security Programme (VESP) in India. <i>Energy Policy</i> , <b>2013</b> , 57, 407-417	7.2	42
385	Going Completely Renewable: Is It Possible (Let Alone Desirable)?. <i>Electricity Journal</i> , <b>2009</b> , 22, 95-111	2.6	42
384	Viability of hydrogen pathways that enhance energy security: A comparison of China and Denmark. <i>International Journal of Hydrogen Energy</i> , <b>2014</b> , 39, 15320-15329	6.7	41
383	The policy challenges of tradable credits: A critical review of eight markets. <i>Energy Policy</i> , <b>2011</b> , 39, 575-585	5.85	41
382	Barriers to the diffusion of climate-friendly technologies. <i>International Journal of Technology Transfer and Commercialisation</i> , <b>2011</b> , 10, 43	0.5	41
381	Forever stuck in old ways? Pluralising incumbencies in sustainability transitions. <i>Environmental Innovation and Societal Transitions</i> , <b>2020</b> , 35, 180-184	7.6	41
380	Perceptions of climate change risks and resilient island planning in the Maldives. <i>Mitigation and Adaptation Strategies for Global Change</i> , <b>2012</b> , 17, 731-752	3.9	40
379	Quantifying the health and environmental benefits of wind power to natural gas. <i>Energy Policy</i> , <b>2013</b> , 53, 429-441	7.2	40
378	Contextualizing climate justice activism: Knowledge, emotions, motivations, and actions among climate strikers in six cities. <i>Global Environmental Change</i> , <b>2020</b> , 65, 102180	10.1	40
377	Cost overruns and financial risk in the construction of nuclear power reactors: A critical appraisal. <i>Energy Policy</i> , <b>2017</b> , 102, 644-649	7.2	39
376	Grand Designs: Assessing the African Energy Security Implications of the Grand Inga Dam. <i>African Studies Review</i> , <b>2015</b> , 58, 133-158	0.3	39
375	The energy-enterprise-gender nexus: Lessons from the Multifunctional Platform (MFP) in Mali. <i>Renewable Energy</i> , <b>2013</b> , 50, 115-125	8.1	39
374	Developing an 'energy sustainability index' to evaluate energy policy. <i>Interdisciplinary Science Reviews</i> , <b>2007</b> , 32, 335-349	0.7	39

373	Balancing safety with sustainability: assessing the risk of accidents for modern low-carbon energy systems. <i>Journal of Cleaner Production</i> , <b>2016</b> , 112, 3952-3965	10.3	38
372	The political economy of oil and gas in Southeast Asia: heading towards the natural resource curse?. <i>Pacific Review</i> , <b>2010</b> , 23, 225-259	1.1	38
371	Differences in carbon emissions reduction between countries pursuing renewable electricity versus nuclear power. <i>Nature Energy</i> , <b>2020</b> , 5, 928-935	62.3	38
370	Confronting energy poverty behind the bamboo curtain: A review of challenges and solutions for Myanmar (Burma). <i>Energy for Sustainable Development</i> , <b>2013</b> , 17, 305-314	5.4	36
369	Climate change adaptation and the Least Developed Countries Fund (LDCF): Qualitative insights from policy implementation in the Asia-Pacific. <i>Climatic Change</i> , <b>2017</b> , 140, 209-226	4.5	36
368	Energy. Deploying off-grid technology to eradicate energy poverty. <i>Science</i> , <b>2012</b> , 338, 47-8	33.3	35
367	Understanding the socio-technical nexus of Nordic electric vehicle (EV) barriers: A qualitative discussion of range, price, charging and knowledge. <i>Energy Policy</i> , <b>2020</b> , 138, 111292	7.2	35
366	Profiling technological failure and disaster in the energy sector: A comparative analysis of historical energy accidents. <i>Energy</i> , <b>2015</b> , 90, 2016-2027	7.9	34
365	Reconfiguration, Contestation, and Decline: Conceptualizing Mature Large Technical Systems. <i>Science Technology and Human Values</i> , <b>2018</b> , 43, 1066-1097	2.5	34
364	Electrification in the Mountain Kingdom: The implications of the Nepal Power Development Project (NPDP). <i>Energy for Sustainable Development</i> , <b>2011</b> , 15, 254-265	5.4	34
363	Realizing rural electrification in Southeast Asia: Lessons from Laos. <i>Energy for Sustainable Development</i> , <b>2011</b> , 15, 41-48	5.4	34
362	Rethinking the future low-carbon city: Carbon neutrality, green design, and sustainability tensions in the making of Masdar City. <i>Energy Research and Social Science</i> , <b>2020</b> , 62, 101368	7.7	34
361	Pleasure or profit? Surveying the purchasing intentions of potential electric vehicle adopters in China. <i>Transportation Research, Part A: Policy and Practice</i> , <b>2019</b> , 124, 69-81	3.7	33
360	Of white crows and flash savers: A qualitative study of travel behavior and perceptions of ridesharing in Denmark. <i>Transportation Research, Part A: Policy and Practice</i> , <b>2015</b> , 78, 113-123	3.7	33
359	The socio-political economy of nuclear energy in China and India. <i>Energy</i> , <b>2010</b> , 35, 3803-3813	7.9	33
358	Six policy intervention points for sustainability transitions: A conceptual framework and a systematic literature review. <i>Research Policy</i> , <b>2020</b> , 49, 104072	7.5	33
357	Looking the wrong way: Bias, renewable electricity, and energy modelling in the United States. <i>Energy</i> , <b>2016</b> , 94, 533-541	7.9	32
356	The avian benefits of wind energy: A 2009 update. <i>Renewable Energy</i> , <b>2013</b> , 49, 19-24	8.1	32

355	Energy and Security	325-384		32
354	Making the Ethical and Philosophical Case for Energy Justice	<i>Environmental Ethics</i> , 2015, 37, 145-168	1.6	32
353	The market case for electric mobility: Investigating electric vehicle business models for mass adoption.	<i>Energy</i> , 2020, 194, 116841	7.9	32
352	Culture and low-carbon energy transitions.	<i>Nature Sustainability</i> , 2020, 3, 685-693	22.1	31
351	Improving climate change adaptation in least developed Asia.	<i>Environmental Science and Policy</i> , 2012, 21, 112-125	6.2	31
350	Fantastic Futures and Three American Energy Transitions.	<i>Science As Culture</i> , 2013, 22, 204-212	1.5	31
349	Is the Danish Wind Energy Model Replicable for Other Countries?.	<i>Electricity Journal</i> , 2008, 21, 27-38	2.6	31
348	Internationalizing the political economy of hydroelectricity: security, development and sustainability in hydropower states.	<i>Review of International Political Economy</i> , 2019, 26, 49-79	3	31
347	Guides or gatekeepers? Incumbent-oriented transition intermediaries in a low-carbon era.	<i>Energy Research and Social Science</i> , 2020, 66, 101490	7.7	30
346	Expert perceptions of low-carbon transitions: Investigating the challenges of electricity decarbonisation in the Nordic region.	<i>Energy</i> , 2018, 148, 1162-1172	7.9	30
345	Improving adaptive capacity and resilience in Bhutan.	<i>Mitigation and Adaptation Strategies for Global Change</i> , 2011, 16, 515-533	3.9	30
344	Solving the oil independence problem: Is it possible?.	<i>Energy Policy</i> , 2007, 35, 5505-5514	7.2	30
343	Energy Security, Equality and Justice			30
342	Functional, symbolic and societal frames for automobility: Implications for sustainability transitions.	<i>Transportation Research, Part A: Policy and Practice</i> , 2018, 118, 730-746	3.7	30
341	Reviewing Nordic transport challenges and climate policy priorities: Expert perceptions of decarbonisation in Denmark, Finland, Iceland, Norway, Sweden.	<i>Energy</i> , 2018, 165, 532-542	7.9	30
340	Bloated bodies and broken bricks: Power, ecology, and inequality in the political economy of natural disaster recovery.	<i>World Development</i> , 2018, 110, 243-255	5.5	30
339	Are electric vehicles masculinized? Gender, identity, and environmental values in Nordic transport practices and vehicle-to-grid (V2G) preferences.	<i>Transportation Research, Part D: Transport and Environment</i> , 2019, 72, 187-202	6.4	29
338	Optimizing innovation, carbon and health in transport: Assessing socially optimal electric mobility and vehicle-to-grid pathways in Denmark.	<i>Energy</i> , 2018, 153, 628-637	7.9	29

337	Stretching, embeddedness, and scripts in a sociotechnical transition: Explaining the failure of electric mobility at Better Place (2007-2013). <i>Technological Forecasting and Social Change</i> , <b>2017</b> , 123, 24-34	9.5	29
336	What's the state of energy studies research?: A content analysis of three leading journals from 1999 to 2008. <i>Energy</i> , <b>2011</b> , 36, 508-519	7.9	29
335	Deconstructing facts and frames in energy research: Maxims for evaluating contentious problems. <i>Energy Policy</i> , <b>2015</b> , 86, 36-42	7.2	28
334	One style to build them all: Corporate culture and innovation in the offshore wind industry. <i>Energy Policy</i> , <b>2015</b> , 86, 402-415	7.2	28
333	Cooking with gas: Policy lessons from Rwanda's National Domestic Biogas Program (NDBP). <i>Energy for Sustainable Development</i> , <b>2013</b> , 17, 347-356	5.4	28
332	Assessing energy security performance in the Asia Pacific, 1990-2010. <i>Renewable and Sustainable Energy Reviews</i> , <b>2013</b> , 17, 228-247	16.2	28
331	The Governance of Energy Megaprojects <b>2013</b> ,		28
330	Insights into wind sites: Critically assessing the innovation, cost, and performance dynamics of global wind energy development. <i>Energy Policy</i> , <b>2018</b> , 120, 1-7	7.2	28
329	Scaling and commercializing mobile biogas systems in Kenya: A qualitative pilot study. <i>Renewable Energy</i> , <b>2015</b> , 76, 115-125	8.1	27
328	Critically reviewing smart home technology applications and business models in Europe. <i>Energy Policy</i> , <b>2020</b> , 144, 111631	7.2	27
327	Rethinking energy security and services in practice: National vulnerability and three energy pathways in Tajikistan. <i>Energy Policy</i> , <b>2018</b> , 114, 39-50	7.2	27
326	All hands on deck: polycentric governance for climate change insurance. <i>Climatic Change</i> , <b>2016</b> , 139, 129-140	14.0	26
325	A comparative study of littering and waste in Singapore and Japan. <i>Resources, Conservation and Recycling</i> , <b>2012</b> , 61, 35-42	11.9	26
324	Hydrogen technological innovation systems in practice: comparing Danish and American approaches to fuel cell development. <i>Journal of Cleaner Production</i> , <b>2015</b> , 94, 359-368	10.3	26
323	Reassessing Energy Security and the Trans-ASEAN Natural Gas Pipeline Network in Southeast Asia. <i>Pacific Affairs</i> , <b>2009</b> , 82, 467-486	1.1	26
322	Conceptualizing and evaluating best practices in electricity and water regulatory governance. <i>Energy</i> , <b>2011</b> , 36, 4340-4352	7.9	26
321	Beyond cost and carbon: The multidimensional co-benefits of low carbon transitions in Europe. <i>Ecological Economics</i> , <b>2020</b> , 169, 106529	5.6	26
320	The Political Economy of Climate Change Adaptation <b>2016</b> ,		26

319	The death of a transport regime? The future of electric bicycles and transportation pathways for sustainable mobility in China. <i>Technological Forecasting and Social Change</i> , <b>2018</b> , 132, 255-267	9.5	25
318	They'll be dammed: the sustainability implications of the Sarawak Corridor of Renewable Energy (SCORE) in Malaysia. <i>Sustainability Science</i> , <b>2013</b> , 8, 121-133	6.4	25
317	Energy & Ethics <b>2013</b> ,		25
316	India's energy security: A sample of business, government, civil society, and university perspectives. <i>Energy Policy</i> , <b>2011</b> , 39, 1254-1264	7.2	25
315	Seven suppositions about energy security in the United States. <i>Journal of Cleaner Production</i> , <b>2011</b> , 19, 1147-1157	10.3	25
314	The National Politics of Nuclear Power <b>2012</b> ,		25
313	Exploring and Contextualizing Public Opposition to Renewable Electricity in the United States. <i>Sustainability</i> , <b>2009</b> , 1, 702-721	3.6	25
312	Contested visions and sociotechnical expectations of electric mobility and vehicle-to-grid innovation in five Nordic countries. <i>Environmental Innovation and Societal Transitions</i> , <b>2019</b> , 31, 170-183	7.6	25
311	Contested smart and low-carbon energy futures: Media discourses of smart meters in the United Kingdom. <i>Journal of Cleaner Production</i> , <b>2018</b> , 195, 978-990	10.3	25
310	Industrial decarbonization via hydrogen: A critical and systematic review of developments, socio-technical systems and policy options. <i>Energy Research and Social Science</i> , <b>2021</b> , 80, 102208	7.7	25
309	Public perceptions of electric vehicles and vehicle-to-grid (V2G): Insights from a Nordic focus group study. <i>Transportation Research, Part D: Transport and Environment</i> , <b>2019</b> , 74, 277-293	6.4	24
308	Processes of elite power and low-carbon pathways: Experimentation, financialisation, and dispossession. <i>Global Environmental Change</i> , <b>2019</b> , 59, 101985	10.1	24
307	Benign mobility? Electric bicycles, sustainable transport consumption behaviour and socio-technical transitions in Nanjing, China. <i>Transportation Research, Part A: Policy and Practice</i> , <b>2017</b> , 103, 223-234	3.7	24
306	Expert views of climate change adaptation in the Maldives. <i>Climatic Change</i> , <b>2012</b> , 114, 295-300	4.5	24
305	Renewable Energy: Economically Sound, Politically Difficult. <i>Electricity Journal</i> , <b>2008</b> , 21, 18-29	2.6	24
304	The coproduction of electric mobility: Selectivity, conformity and fragmentation in the sociotechnical acceptance of vehicle-to-grid (V2G) standards. <i>Journal of Cleaner Production</i> , <b>2019</b> , 207, 400-410	10.3	24
303	Integrating power systems for remote island energy supply: Lessons from Mykines, Faroe Islands. <i>Renewable Energy</i> , <b>2016</b> , 85, 642-648	8.1	23
302	Political economy, poverty, and polycentrism in the Global Environment Facility's Least Developed Countries Fund (LDCF) for Climate Change Adaptation. <i>Third World Quarterly</i> , <b>2017</b> , 38, 1249-1271	1.5	23

301	Justice, poverty, and electricity decarbonization. <i>Electricity Journal</i> , <b>2019</b> , 32, 47-51	2.6	23
300	Hot transformations: Governing rapid and deep household heating transitions in China, Denmark, Finland and the United Kingdom. <i>Energy Policy</i> , <b>2020</b> , 139, 111330	7.2	23
299	The rhetorical fantasy of energy transitions: implications for energy policy and analysis. <i>Technology Analysis and Strategic Management</i> , <b>2014</b> , 26, 837-854	3.2	23
298	Cost performance and risk in the construction of offshore and onshore wind farms. <i>Wind Energy</i> , <b>2017</b> , 20, 891-908	3.4	23
297	Early modes of transport in the United States: Lessons for modern energy policymakers. <i>Policy and Society</i> , <b>2009</b> , 27, 411-427	8.1	23
296	Paradigms and poverty in global energy policy: research needs for achieving universal energy access. <i>Environmental Research Letters</i> , <b>2016</b> , 11, 064014	6.2	23
295	Supply push or demand pull? Strategic recommendations for the responsible development of biofuel in China. <i>Renewable and Sustainable Energy Reviews</i> , <b>2015</b> , 52, 382-392	16.2	22
294	The geography of energy and education: Leaders, laggards, and lessons for achieving primary and secondary school electrification. <i>Renewable and Sustainable Energy Reviews</i> , <b>2016</b> , 58, 107-123	16.2	22
293	The importance of scale to energy security. <i>Journal of Integrative Environmental Sciences</i> , <b>2012</b> , 9, 167-180	8.0	22
292	The methodologies, geographies, and technologies of energy justice: a systematic and comprehensive review. <i>Environmental Research Letters</i> , <b>2021</b> , 16, 043009	6.2	22
291	Benchmarking natural gas and coal-fired electricity generation in the United States. <i>Energy</i> , <b>2017</b> , 134, 622-628	7.9	21
290	Energy Technology, Politics, and Interpretative Frames: Shale Gas Fracking in Eastern Europe. <i>Global Environmental Politics</i> , <b>2016</b> , 16, 50-69	2.6	21
289	Miracle or mirage? The promise and peril of desert energy part 1. <i>Renewable Energy</i> , <b>2013</b> , 50, 628-636	8.1	21
288	The Dragon awakens: Innovation, competition, and transition in the energy strategy of the People's Republic of China, 1949-2017. <i>Energy Policy</i> , <b>2017</b> , 108, 634-644	7.2	21
287	Oil, Energy Poverty and Resource Dependence in West Africa. <i>Journal of Energy and Natural Resources Law</i> , <b>2013</b> , 31, 33-53	1.3	21
286	Bending bamboo: Restructuring rural electrification in Sarawak, Malaysia. <i>Energy for Sustainable Development</i> , <b>2011</b> , 15, 240-253	5.4	21
285	And then what happened? A retrospective appraisal of China's Renewable Energy Development Project (REDP). <i>Renewable Energy</i> , <b>2011</b> , 36, 3154-3165	8.1	21
284	The future of hydropower? A systematic review of the drivers, benefits and governance dynamics of transboundary dams. <i>Renewable and Sustainable Energy Reviews</i> , <b>2021</b> , 137, 110495	16.2	21

283	Mobility, food and housing: responsibility, individual consumption and demand-side policies in European deep decarbonisation pathways. <i>Energy Efficiency</i> , <b>2019</b> , 12, 497-519	3	20
282	It's about dam time: Improving microhydro electrification in Tanzania. <i>Energy for Sustainable Development</i> , <b>2013</b> , 17, 378-385	5.4	20
281	The importance of open and closed styles of energy research. <i>Social Studies of Science</i> , <b>2010</b> , 40, 903-930.	2.4	20
280	Using criminalization and due process to reduce scientific misconduct. <i>American Journal of Bioethics</i> , <b>2005</b> , 5, W1-7	1.1	20
279	Dispossessed by decarbonisation: Reducing vulnerability, injustice, and inequality in the lived experience of low-carbon pathways. <i>World Development</i> , <b>2021</b> , 137, 105116	5.5	20
278	Success and failure in the political economy of solar electrification: Lessons from World Bank Solar Home System (SHS) projects in Sri Lanka and Indonesia. <i>Energy Policy</i> , <b>2018</b> , 123, 482-493	7.2	20
277	Pain without gain? Reviewing the risks and rewards of investing in Russian coal-fired electricity. <i>Applied Energy</i> , <b>2015</b> , 154, 970-986	10.7	19
276	Major hydropower states, sustainable development, and energy security: Insights from a preliminary cross-comparative assessment. <i>Energy</i> , <b>2018</b> , 142, 1074-1082	7.9	19
275	The discursive politics of fracking: Frames, storylines, and the anticipatory contestation of shale gas development in the United Kingdom. <i>Global Environmental Change</i> , <b>2019</b> , 58, 101935	10.1	19
274	Security of energy services and uses within urban households. <i>Current Opinion in Environmental Sustainability</i> , <b>2011</b> , 3, 218-224	7.2	18
273	A critical stakeholder analysis of the Trans-ASEAN Gas Pipeline (TAGP) Network. <i>Land Use Policy</i> , <b>2010</b> , 27, 788-797	5.6	18
272	Snakes in the Grass: The Energy Security Implications of Medupi. <i>Electricity Journal</i> , <b>2011</b> , 24, 92-100	2.6	18
271	Examining the Complications of Global Energy Governance. <i>Journal of Energy and Natural Resources Law</i> , <b>2012</b> , 30, 235-263	1.3	18
270	Rethinking the spatiality of Nordic electric vehicles and their popularity in urban environments: Moving beyond the city?. <i>Journal of Transport Geography</i> , <b>2020</b> , 82, 102557	5.2	18
269	Decarbonizing the food and beverages industry: A critical and systematic review of developments, sociotechnical systems and policy options. <i>Renewable and Sustainable Energy Reviews</i> , <b>2021</b> , 143, 110856	16.2	18
268	Toxic transitions in the lifecycle externalities of a digital society: The complex afterlives of electronic waste in Ghana. <i>Resources Policy</i> , <b>2019</b> , 64, 101459	7.2	17
267	From path dependence to policy mixes for Nordic electric mobility: Lessons for accelerating future transport transitions. <i>Policy Sciences</i> , <b>2019</b> , 52, 573-600	4.3	17
266	Exploring the challenges of energy and resources network governance. <i>Energy Policy</i> , <b>2012</b> , 42, 409-418	7.2	17

265	Gers gone wired: Lessons from the Renewable Energy and Rural Electricity Access Project (REAP) in Mongolia. <i>Energy for Sustainable Development</i> , <b>2011</b> , 15, 32-40	5.4	17
264	Contesting the Future of Nuclear Power <b>2011</b> ,		17
263	What are the social outcomes of climate policies? A systematic map and review of the ex-post literature. <i>Environmental Research Letters</i> , <b>2020</b> , 15, 113006	6.2	17
262	Navigating expert skepticism and consumer distrust: Rethinking the barriers to vehicle-to-grid (V2G) in the Nordic region. <i>Transport Policy</i> , <b>2019</b> , 76, 67-77	5.7	17
261	Conspicuous diffusion: Theorizing how status drives innovation in electric mobility. <i>Environmental Innovation and Societal Transitions</i> , <b>2019</b> , 31, 154-169	7.6	17
260	Energy cultures and national decarbonisation pathways. <i>Renewable and Sustainable Energy Reviews</i> , <b>2021</b> , 137, 110592	16.2	17
259	The hidden costs of energy and mobility: A global meta-analysis and research synthesis of electricity and transport externalities. <i>Energy Research and Social Science</i> , <b>2021</b> , 72, 101885	7.7	17
258	US liquefied natural gas (LNG) exports: Boom or bust for the global climate?. <i>Energy</i> , <b>2017</b> , 141, 1671-1680	7.9	16
257	Energy security: challenges and needs. <i>Wiley Interdisciplinary Reviews: Energy and Environment</i> , <b>2012</b> , 1, 51-59	4.7	16
256	Bolstering resilience in the coconut kingdom: Improving adaptive capacity to climate change in Vanuatu. <i>Energy Policy</i> , <b>2012</b> , 50, 843-848	7.2	16
255	Of fast lanes, flora, and foreign workers: Managing land use conflicts in Singapore. <i>Land Use Policy</i> , <b>2013</b> , 30, 167-176	5.6	16
254	The interpretive flexibility of oil and gas pipelines: Case studies from Southeast Asia and the Caspian Sea. <i>Technological Forecasting and Social Change</i> , <b>2011</b> , 78, 610-620	9.5	16
253	Sowing climate-resilient seeds: implementing climate change adaptation best practices in rural Cambodia. <i>Mitigation and Adaptation Strategies for Global Change</i> , <b>2011</b> , 16, 699-720	3.9	16
252	Empowered? Evaluating Japan's national energy strategy under the DPJ administration. <i>Energy Policy</i> , <b>2011</b> , 39, 1865-1876	7.2	16
251	Pipelines, crisis and capital: understanding the contested regionalism of Southeast Asia. <i>Pacific Review</i> , <b>2010</b> , 23, 625-647	1.1	16
250	Politicising the Just Transition: Linking global climate policy, Nationally Determined Contributions and targeted research agendas. <i>Geoforum</i> , <b>2020</b> , 115, 138-142	2.9	16
249	Beyond states: Harnessing sub-national actors for the deep decarbonisation of cities, regions, and businesses. <i>Energy Research and Social Science</i> , <b>2020</b> , 70, 101738	7.7	16
248	The financial risks and barriers to electricity infrastructure in Kenya, Tanzania, and Mozambique: A critical and systematic review of the academic literature. <i>Energy Policy</i> , <b>2019</b> , 125, 145-153	7.2	16

247	New Dimensions of Vulnerability to Energy and Transport Poverty. <i>Joule</i> , <b>2021</b> , 5, 3-7	27.8	16
246	The Energy Trilemma and the Smart Grid: Implications Beyond the United States. <i>Asia and the Pacific Policy Studies</i> , <b>2017</b> , 4, 70-84	2.3	15
245	Energy sustainability, stakeholder conflicts, and the future of hydrogen in Denmark. <i>Renewable and Sustainable Energy Reviews</i> , <b>2014</b> , 39, 891-897	16.2	15
244	Exploring the Conditions for Cooperative Energy Governance: A Comparative Study of Two Asian Pipelines. <i>Asian Studies Review</i> , <b>2010</b> , 34, 489-511	1	15
243	From a hard place to a rock: Questioning the energy security of a coal-based economy. <i>Energy Policy</i> , <b>2011</b> , 39, 4664-4670	7.2	15
242	Island wind-hydrogen energy: A significant potential US resource. <i>Renewable Energy</i> , <b>2008</b> , 33, 1928-1938.	1	15
241	The problem with the portfolio approach in American energy policy. <i>Policy Sciences</i> , <b>2008</b> , 41, 245-261	4.3	15
240	Transformative versus conservative automotive innovation styles: Contrasting the electric vehicle manufacturing strategies for the BMW i3 and Fiat 500e. <i>Environmental Innovation and Societal Transitions</i> , <b>2019</b> , 33, 45-60	7.6	14
239	Imagining sustainable energy and mobility transitions: Valence, temporality, and radicalism in 38 visions of a low-carbon future. <i>Social Studies of Science</i> , <b>2020</b> , 50, 642-679	2.4	14
238	Comparing consumer perceptions of energy security, policy, and low-carbon technology: Insights from Denmark. <i>Energy Research and Social Science</i> , <b>2016</b> , 11, 79-91	7.7	14
237	Microhydro electrification and climate change adaptation in Nepal: socioeconomic lessons from the Rural Energy Development Program (REDP). <i>Mitigation and Adaptation Strategies for Global Change</i> , <b>2013</b> , 18, 407-427	3.9	14
236	Carbon Lock-In: Barriers to Deploying Climate Change Mitigation Technologies		14
235	Vehicle-to-Grid <b>2019</b> ,		14
234	Energy transitions from the cradle to the grave: A meta-theoretical framework integrating responsible innovation, social practices, and energy justice. <i>Energy Research and Social Science</i> , <b>2021</b> , 75, 102027	7.7	14
233	Energy transitions and mass publics: Manipulating public perception and ideological entrenchment in Japanese nuclear power policy. <i>Renewable and Sustainable Energy Reviews</i> , <b>2019</b> , 101, 295-304	16.2	14
232	The presidential politics of climate discourse: Energy frames, policy, and political tactics from the 2016 Primaries in the United States. <i>Energy Policy</i> , <b>2017</b> , 111, 127-136	7.2	13
231	Inter-niche competition on ice? Socio-technical drivers, benefits and barriers of the electric vehicle transition in Iceland. <i>Environmental Innovation and Societal Transitions</i> , <b>2020</b> , 35, 1-20	7.6	13
230	The contested politics of the Asian atom: peripheralisation and nuclear power in South Korea and Japan. <i>Environmental Politics</i> , <b>2018</b> , 27, 686-711	3.8	13

229	Building or stumbling blocks? Assessing the performance of polycentric energy and climate governance networks. <i>Energy Policy</i> , <b>2018</b> , 118, 317-324	7.2	13
228	Income, political affiliation, urbanism and geography in stated preferences for electric vehicles (EVs) and vehicle-to-grid (V2G) technologies in Northern Europe. <i>Journal of Transport Geography</i> , <b>2019</b> , 78, 214-229	5.2	13
227	Sweet nectar of the Gaia: Lessons from Ethiopia's Project Gaia. <i>Energy for Sustainable Development</i> , <b>2013</b> , 17, 245-251	5.4	13
226	Frame envy in energy policy ideology: A social constructivist framework for wicked energy problems. <i>Energy Policy</i> , <b>2017</b> , 109, 623-630	7.2	13
225	Left out in the cold: energy justice and Arctic energy research. <i>Journal of Environmental Studies and Sciences</i> , <b>2015</b> , 5, 302-307	0.9	13
224	National energy governance in the United States. <i>Journal of World Energy Law and Business</i> , <b>2011</b> , 4, 97-123	0.2	13
223	Spheres of Argument Concerning Oil Exploration in the Arctic National Wildlife Refuge: A Crisis of Environmental Rhetoric?. <i>Environmental Communication</i> , <b>2008</b> , 2, 340-361	2.6	13
222	Reconstructing Iraq: merging discourses of security and development. <i>Review of International Studies</i> , <b>2007</b> , 33, 223-243	1.7	13
221	Meeting Targets. Missing People: The Energy Security Implications of the Sarawak Corridor of Renewable Energy (SCORE). <i>Contemporary Southeast Asia</i> , <b>2011</b> , 33, 56	1.1	13
220	Rethinking the governance of energy poverty in sub-Saharan Africa: Reviewing three academic perspectives on electricity infrastructure investment. <i>Renewable and Sustainable Energy Reviews</i> , <b>2019</b> , 111, 344-354	16.2	12
219	Countering a corrupt oil boom: Energy justice, Natural Resource Funds, and São Tomé and Príncipe's Oil Revenue Management Law. <i>Environmental Science and Policy</i> , <b>2016</b> , 55, 196-207	6.2	12
218	Supply chain integration for low-carbon buildings: A critical interdisciplinary review. <i>Renewable and Sustainable Energy Reviews</i> , <b>2019</b> , 113, 109274	16.2	12
217	Rethinking Energy Statecraft: United States Foreign Policy and the Changing Geopolitics of Energy. <i>Global Policy</i> , <b>2017</b> , 8, 422-425	1.8	12
216	A Comparison of Chinese, Indian, and Japanese Perceptions of Energy Security. <i>Asian Survey</i> , <b>2012</b> , 52, 949-969	0.7	12
215	Critically weighing the costs and benefits of a nuclear renaissance. <i>Journal of Integrative Environmental Sciences</i> , <b>2010</b> , 7, 105-123	3	12
214	Big Is Beautiful: The Case for Federal Leadership on a National Renewable Portfolio Standard. <i>Electricity Journal</i> , <b>2007</b> , 20, 48-61	2.6	12
213	Empowering the Great Energy Transition <b>2019</b> ,		12
212	Don't let disaster recovery perpetuate injustice. <i>Nature</i> , <b>2017</b> , 549, 433	50.4	12

211	Transitioning to a sustainable development framework for bioenergy in Malaysia: policy suggestions to catalyse the utilisation of palm oil mill residues. <i>Energy, Sustainability and Society</i> , <b>2020</b> , 10,	3.9	12
210	A perspective on the human dimensions of a transition to net-zero energy systems. <i>Energy and Climate Change</i> , <b>2021</b> , 2, 100042	1.2	12
209	Navigating the Paradox of openness in energy and transport innovation: Insights from eight corporate clean technology research and development case studies. <i>Energy Policy</i> , <b>2017</b> , 105, 236-245	7.2	11
208	Energy democracy, dissent and discourse in the party politics of shale gas in the United Kingdom. <i>Environmental Politics</i> , <b>2020</b> , 29, 1239-1263	3.8	11
207	Emissions accounting for biomass energy with CCS. <i>Nature Climate Change</i> , <b>2015</b> , 5, 495-496	21.4	11
206	The political economy of pollution markets: Historical lessons for modern energy and climate planners. <i>Renewable and Sustainable Energy Reviews</i> , <b>2015</b> , 49, 943-953	16.2	11
205	Collaborate, involve, or defend? A critical stakeholder assessment and strategy for the Danish hydrogen electrolysis industry. <i>International Journal of Hydrogen Energy</i> , <b>2014</b> , 39, 20879-20887	6.7	11
204	Feed-In Tariffs and Other Support Mechanisms for Solar PV Promotion <b>2012</b> , 73-109		11
203	Cursed by crude: the corporatist resource curse and the bakubilisideyhan pipeline. <i>Environmental Policy and Governance</i> , <b>2011</b> , 21, 42-57	2.6	11
202	Falsification and Demarcation in Astronomy and Cosmology. <i>Bulletin of Science, Technology and Society</i> , <b>2005</b> , 25, 53-62	0.2	11
201	Exploring the role of failure in socio-technical transitions research. <i>Environmental Innovation and Societal Transitions</i> , <b>2020</b> , 37, 267-289	7.6	11
200	When subterranean slavery supports sustainability transitions? power, patriarchy, and child labor in artisanal Congolese cobalt mining. <i>The Extractive Industries and Society</i> , <b>2021</b> , 8, 271-293	3.2	11
199	Valuing the manufacturing externalities of wind energy: assessing the environmental profit and loss of wind turbines in Northern Europe. <i>Wind Energy</i> , <b>2016</b> , 19, 1623-1647	3.4	11
198	Reviewing the scope and thematic focus of 100 000 publications on energy consumption, services and social aspects of climate change: a big data approach to demand-side mitigation *. <i>Environmental Research Letters</i> , <b>2021</b> , 16, 033001	6.2	11
197	From thermal comfort to conflict: The contested control and usage of domestic smart heating in the United Kingdom. <i>Energy Research and Social Science</i> , <b>2020</b> , 69, 101566	7.7	10
196	Shale gas: better modelling for the energy mix. <i>Nature</i> , <b>2014</b> , 515, 198	50.4	10
195	Comment on "Prevented mortality and greenhouse gas emissions from historical and projected nuclear power". <i>Environmental Science &amp; Technology</i> , <b>2013</b> , 47, 6715-7	10.3	10
194	The avian and wildlife costs of fossil fuels and nuclear power. <i>Journal of Integrative Environmental Sciences</i> , <b>2012</b> , 9, 255-278	3	10

193	Coal and nuclear technologies: creating a false dichotomy for American energy policy. <i>Policy Sciences</i> , <b>2007</b> , 40, 101-122	4.3	10
192	A Research Agenda to Better Understand the Human Dimensions of Energy Transitions. <i>Frontiers in Psychology</i> , <b>2021</b> , 12, 672776	3.4	10
191	Testing the efficacy of voluntary urban greenhouse gas emissions inventories. <i>Climatic Change</i> , <b>2016</b> , 139, 141-154	4.5	10
190	Torn between war and peace: Critiquing the use of war to mobilize peaceful climate action. <i>Energy Policy</i> , <b>2017</b> , 104, 50-55	7.2	9
189	Cars and kids: Childhood perceptions of electric vehicles and sustainable transport in Denmark and the Netherlands. <i>Technological Forecasting and Social Change</i> , <b>2019</b> , 144, 182-192	9.5	9
188	Carbon pathways in the global gas market: An attributional lifecycle assessment of the climate impacts of liquefied natural gas exports from the United States to Asia. <i>Energy Policy</i> , <b>2018</b> , 120, 635-643	7.2	9
187	Mapping and interpreting critical hydrogen stakeholders in Denmark. <i>International Journal of Hydrogen Energy</i> , <b>2014</b> , 39, 7634-7637	6.7	9
186	Environmental Issues, Climate Changes, and Energy Security in Developing Asia. <i>SSRN Electronic Journal</i> , <b>2014</b> ,	1	9
185	Innovation in the Malaysian Waste-to-Energy Sector: Applications with Global Potential. <i>Electricity Journal</i> , <b>2011</b> , 24, 29-41	2.6	9
184	Sheikhs on barrels: what Saudi Arabians think about energy security. <i>Contemporary Arab Affairs</i> , <b>2011</b> , 4, 208-224	0.2	9
183	Energy Security: Insights from a Ten Country Comparison. <i>Energy and Environment</i> , <b>2012</b> , 23, 559-586	2.4	9
182	Exploring the hypothetical limits to a nuclear and renewable electricity future. <i>International Journal of Energy Research</i> , <b>2010</b> , 34, 1183-1194	4.5	9
181	Energy Access, Poverty, and Development		9
180	Novel or normal? Electric vehicles and the dialectic transition of Nordic automobility. <i>Energy Research and Social Science</i> , <b>2020</b> , 69, 101642	7.7	9
179	Decarbonizing household heating: Reviewing demographics, geography and low-carbon practices and preferences in five European countries. <i>Renewable and Sustainable Energy Reviews</i> , <b>2021</b> , 139, 110703	16.2	9
178	Knowledge, energy sustainability, and vulnerability in the demographics of smart home technology diffusion. <i>Energy Policy</i> , <b>2021</b> , 153, 112196	7.2	9
177	Between hope, hype, and hell: Electric mobility and the interplay of fear and desire in sustainability transitions. <i>Environmental Innovation and Societal Transitions</i> , <b>2020</b> , 35, 88-102	7.6	8
176	Reconfiguring territoriality and energy security: global production networks and the Baku-Tbilisi-Eyhan (BTC) pipeline. <i>Journal of Cleaner Production</i> , <b>2012</b> , 32, 210-218	10.3	8

175	Wrestling with the Hydra of Nuclear Waste Storage in the United States. <i>Electricity Journal</i> , <b>2013</b> , 26, 67-78	2.6	8
174	Overcoming the Global Injustices of Energy Poverty. <i>Environment</i> , <b>2012</b> , 54, 14-28	2.8	8
173	A Game of Cat and Fish: How to Restore the Balance in Sustainable Fisheries Management. <i>Ocean Development and International Law</i> , <b>2009</b> , 40, 97-125	1	8
172	A comparative analysis of solar home system programmes in China, Laos, Mongolia and Papua New Guinea. <i>Progress in Development Studies</i> , <b>2012</b> , 12, 315-335	1.5	8
171	Green Means Go? A Colorful Approach to a U.S. National Renewable Portfolio Standard. <i>Electricity Journal</i> , <b>2006</b> , 19, 19-32	2.6	8
170	Equity, technological innovation and sustainable behaviour in a low-carbon future.. <i>Nature Human Behaviour</i> , <b>2022</b> ,	12.8	8
169	Responsible or reckless? A critical review of the environmental and climate assessments of mineral supply chains. <i>Environmental Research Letters</i> , <b>2020</b> , 15, 103009	6.2	8
168	Sociotechnical typologies for national energy transitions. <i>Environmental Research Letters</i> , <b>2020</b> , 15, 111001	10.1	8
167	Reckless or righteous? Reviewing the sociotechnical benefits and risks of climate change geoen지니어ing. <i>Energy Strategy Reviews</i> , <b>2021</b> , 35, 100656	9.8	8
166	Policy mixes for more sustainable smart home technologies. <i>Environmental Research Letters</i> , <b>2021</b> , 16, 054073	6.2	8
165	Beyond climate, culture and comfort in European preferences for low-carbon heat. <i>Global Environmental Change</i> , <b>2021</b> , 66, 102200	10.1	8
164	Navigating implementation dilemmas in technology-forcing policies: A comparative analysis of accelerated smart meter diffusion in the Netherlands, UK, Norway, and Portugal (2000-2019). <i>Research Policy</i> , <b>2021</b> , 50, 104272	7.5	8
163	What is the state of the art in energy and transport poverty metrics? A critical and comprehensive review. <i>Energy Economics</i> , <b>2021</b> , 101, 105360	8.3	8
162	Decarbonizing the iron and steel industry: A systematic review of sociotechnical systems, technological innovations, and policy options. <i>Energy Research and Social Science</i> , <b>2022</b> , 89, 102565	7.7	8
161	Social media and disasters: human security, environmental racism, and crisis communication in Hurricane Irma response. <i>Environmental Sociology</i> , <b>2020</b> , 6, 291-306	2	7
160	States, Markets, and Institutions: Integrating International Political Economy and Global Energy Politics <b>2016</b> , 3-44		7
159	Questioning the Safety and Reliability of Nuclear Power. An Assessment of Nuclear Incidents and Accidents. <i>Gaia</i> , <b>2011</b> , 20, 95-103	1.4	7
158	Resolving the impasse in American energy policy: The case for a transformational R&D strategy at the U.S. Department of Energy. <i>Renewable and Sustainable Energy Reviews</i> , <b>2009</b> , 13, 346-361	16.2	7

157	Sound climate, energy, and transport policy for a carbon constrained world. <i>Policy and Society</i> , <b>2009</b> , 27, 273-283	8.1	7
156	Replacing tedium with transformation: Why the US Department of Energy needs to change the way it conducts long-term R&D. <i>Energy Policy</i> , <b>2008</b> , 36, 923-928	7.2	7
155	Assessing U.S. energy policy. <i>Daedalus</i> , <b>2006</b> , 135, 5-11	2	7
154	Global sustainability, innovation and governance dynamics of national smart electricity meter transitions. <i>Global Environmental Change</i> , <b>2021</b> , 68, 102272	10.1	7
153	Culture, energy and climate sustainability, and smart home technologies: A mixed methods comparison of four countries. <i>Energy and Climate Change</i> , <b>2021</b> , 2, 100035	1.2	7
152	Is sunshine the best disinfectant? Evaluating the global effectiveness of the Extractive Industries Transparency Initiative (EITI). <i>The Extractive Industries and Society</i> , <b>2020</b> , 7, 1451-1471	3.2	6
151	Sustainability principles of the Asian Development Bank's (ADB's) energy policy: An opportunity for greater future synergies. <i>Renewable Energy</i> , <b>2012</b> , 48, 173-182	8.1	6
150	Erasing Knowledge: The Discursive Structure of Globalization. <i>Social Epistemology</i> , <b>2010</b> , 24, 15-28	0.6	6
149	Building Umbrellas or Arks? Three Alternatives to Carbon Credits and Offsets. <i>Electricity Journal</i> , <b>2010</b> , 23, 29-40	2.6	6
148	Megawatts are not megawatt-hours and other responses to Willis et al.. <i>Energy Policy</i> , <b>2010</b> , 38, 2070-2073		6
147	Distributed Generation (DG) and the American Electric Utility System: What is Stopping It?. <i>Journal of Energy Resources Technology, Transactions of the ASME</i> , <b>2008</b> , 130, 012001	2.6	6
146	Anarchy, war, or revolt? Radical perspectives for climate protection, insurgency and civil disobedience in a low-carbon era. <i>Energy Research and Social Science</i> , <b>2022</b> , 86, 102416	7.7	6
145	Reactors, Weapons, X-Rays, and Solar Panels: Using SCOT, Technological Frame, Epistemic Culture, and Actor Network Theory to Investigate Technology. <i>The Journal of Technology Studies</i> , <b>2006</b> , 32,	0	6
144	Coal transitions Part 1: a systematic map and review of case study learnings from regional, national, and local coal phase-out experiences. <i>Environmental Research Letters</i> , <b>2021</b> , 16, 113003	6.2	6
143	Making the internet globally sustainable: Technical and policy options for improved energy management, governance and community acceptance of Nordic datacenters. <i>Renewable and Sustainable Energy Reviews</i> , <b>2022</b> , 154, 111793	16.2	6
142	Further reflections on vulnerability and resistance in the United Kingdom's smart meter transition. <i>Energy Policy</i> , <b>2019</b> , 124, 411-417	7.2	6
141	Power struggles: Governing renewable electricity in a time of technological disruption. <i>Geoforum</i> , <b>2021</b> , 118, 93-105	2.9	6
140	A fair trade? Expert perceptions of equity, innovation, and public awareness in China's future Emissions Trading Scheme. <i>Climatic Change</i> , <b>2021</b> , 164, 31	4.5	6

139	Volatile Photovoltaics: Green Industrialization, Sacrifice Zones, and the Political Ecology of Solar Energy in Germany. <i>Annals of the American Association of Geographers</i> , 1-23	2.6	6
138	From Flying Cars to Tesla: Examining the Personal Automobile Preferences of Primary Schoolchildren in Denmark and the Netherlands. <i>Energy Research and Social Science</i> , <b>2019</b> , 56, 101204	7.7	5
137	International Political Economy and Renewable Energy: Hydroelectric Power and the Resource Curse. <i>International Studies Review</i> , <b>2018</b> ,	1	5
136	Technological frames and the politics of automated electric Light Rail Rapid Transit in Poland and the United Kingdom. <i>Technology in Society</i> , <b>2019</b> , 59, 101190	6.3	5
135	Peeling the Energy Pickle: Expert Perceptions on Overcoming Nepal's Electricity Crisis. <i>South Asia: Journal of South Asia Studies</i> , <b>2013</b> , 36, 496-519	0.5	5
134	Energy Governance in the United States <b>2013</b> , 435-456		5
133	Broken by Design: The Corporation as a Failed Technology. <i>Science, Technology and Society</i> , <b>2010</b> , 15, 1-25	1.5	5
132	Environmental Conservation Problems and Possible Solutions in Myanmar. <i>Contemporary Southeast Asia</i> , <b>2012</b> , 34, 217	1.1	5
131	North Korea and Illegal Narcotics: Smoke but No Fire?. <i>Asia Policy</i> , <b>2009</b> , 7, 89-111	0.8	5
130	All Flash, No Light: The Kabuki Dance Opposing a National Renewable Portfolio Standard. <i>Electricity Journal</i> , <b>2008</b> , 21, 41-54	2.6	5
129	The energy use implications of 5G: Reviewing whole network operational energy, embodied energy, and indirect effects. <i>Renewable and Sustainable Energy Reviews</i> , <b>2022</b> , 157, 112033	16.2	5
128	Technological Systems and Momentum Change: American Electric Utilities, Restructuring, and Distributed Generation Technologies. <i>The Journal of Technology Studies</i> , <b>2006</b> , 32,	0	5
127	Visions of Energy Futures		5
126	Controllable, frightening, or fun? Exploring the gendered dynamics of smart home technology preferences in the United Kingdom. <i>Energy Research and Social Science</i> , <b>2021</b> , 77, 102105	7.7	5
125	Miracle or mirage? The promise and peril of desert energy part 2. <i>Renewable Energy</i> , <b>2013</b> , 50, 820-825	8.1	4
124	Four Problems with Global Carbon Markets: A Critical Review. <i>Energy and Environment</i> , <b>2011</b> , 22, 681-694	4.4	4
123	The Hidden Factors That Make Wind Energy Cheaper than Natural Gas in the United States. <i>Electricity Journal</i> , <b>2011</b> , 24, 84-95	2.6	4
122	Not Your Father's Y2K: Preparing the North American Power Grid for the Perfect Solar Storm. <i>Electricity Journal</i> , <b>2011</b> , 24, 47-61	2.6	4

121	Using Ecosystem Valuation to Protect the Atlantic Rainforest: The Case of the Oasis Project. <i>Society and Natural Resources</i> , <b>2011</b> , 24, 1096-1104	2.4	4
120	Eroding Wilderness: The Ecological, Legal, Political, and Social Consequences of Oil and Natural Gas Development in the Arctic National Wildlife Refuge (ANWR). <i>Energy and Environment</i> , <b>2006</b> , 17, 549-567 <sup>2.4</sup>	2.4	4
119	Conflicted transitions: Exploring the actors, tactics, and outcomes of social opposition against energy infrastructure. <i>Global Environmental Change</i> , <b>2022</b> , 73, 102473	10.1	4
118	Decarbonizing the glass industry: A critical and systematic review of developments, sociotechnical systems and policy options. <i>Renewable and Sustainable Energy Reviews</i> , <b>2021</b> , 111885	16.2	4
117	Energy Access and Energy Security in Asia and the Pacific. <i>SSRN Electronic Journal</i> ,	1	4
116	Clean, low-carbon but corrupt? Examining corruption risks and solutions for the renewable energy sector in Mexico, Malaysia, Kenya and South Africa. <i>Energy Strategy Reviews</i> , <b>2021</b> , 38, 100723	9.8	4
115	Testing smarter control and feedback with users: Time, temperature and space in household heating preferences and practices in a Living Laboratory. <i>Global Environmental Change</i> , <b>2020</b> , 65, 102185 <sup>10.1</sup>	10.1	4
114	Leveraging user-based innovation in vehicle-to-X and vehicle-to-grid adoption: A Nordic case study. <i>Journal of Cleaner Production</i> , <b>2021</b> , 287, 125591	10.3	4
113	Nuclear power: Serious risks. <i>Science</i> , <b>2016</b> , 354, 1112	33.3	4
112	Monitoring the moneylenders: Institutional accountability and environmental governance at the World Bank Inspection Panel. <i>The Extractive Industries and Society</i> , <b>2017</b> , 4, 893-903	3.2	3
111	History, Definition, and Status of V2G <b>2019</b> , 1-31		3
110	Nuclear accidents call for transdisciplinary nuclear energy research. <i>Sustainability Science</i> , <b>2015</b> , 10, 179-183	18.3	3
109	Humanizing heat as a service: Cost, creature comforts and the diversity of smart heating practices in the United Kingdom. <i>Energy and Climate Change</i> , <b>2020</b> , 1, 100012	1.2	3
108	Energy Poverty and Development in Papua New Guinea: Learning from the Teacher's Solar Lighting Project. <i>Forum for Development Studies</i> , <b>2013</b> , 40, 327-349	0.6	3
107	Feed-in Tariffs and Other Support Mechanisms for Solar PV Promotion <b>2013</b> ,		3
106	Revoking a License to Krill: What the United States Can Do to Save Fish Stocks in Antarctica. <i>Journal of International Wildlife Law and Policy</i> , <b>2011</b> , 14, 1-50	1.1	3
105	A Matter of Stability and Equity: The Case for Federal Action on Renewable Portfolio Standards in the U.S.. <i>Energy and Environment</i> , <b>2008</b> , 19, 241-261	2.4	3
104	Contested Regionalism in Southeast Asia: The Politics of the Trans-Asean Gas Pipeline Project. <i>SSRN Electronic Journal</i> , <b>2008</b> ,	1	3

103	Promoting a level playing field for energy options: electricity alternatives and the case of the Indian Point Energy Center. <i>Energy Efficiency</i> , <b>2008</b> , 1, 35-48	3	3
102	Necessary but Insufficient: State Renewable Portfolio Standards and Climate Change Policies. <i>Environment</i> , <b>2007</b> , 49, 20-31	2.8	3
101	Mixed feelings: A review and research agenda for emotions in sustainability transitions. <i>Environmental Innovation and Societal Transitions</i> , <b>2021</b> , 40, 609-624	7.6	3
100	Research frontiers for multi-system dynamics and deep transitions. <i>Environmental Innovation and Societal Transitions</i> , <b>2021</b> , 41, 52-52	7.6	3
99	Towards a multi-scalar and multi-horizon framework of energy injustice: A whole systems analysis of Estonian energy transition. <i>Political Geography</i> , <b>2022</b> , 93, 102544	2.2	3
98	Advancing the international political economy of climate change adaptation: political ecology, political economy and social justice33-49		3
97	Who finances renewable energy in Europe? Examining temporality, authority and contestation in solar and wind subsidies in Poland, the Netherlands and the United Kingdom. <i>Energy Strategy Reviews</i> , <b>2021</b> , 38, 100730	9.8	3
96	Addressing Climate Change: Global vs. Local Scales of Jurisdiction? <b>2010</b> , 109-124		3
95	Positive Externalities of Decarbonization: Quantifying the Full Potential of Avoided Deaths and Displaced Carbon Emissions from Renewable Energy and Nuclear Power. <i>Environmental Science &amp; Technology</i> , <b>2021</b> , 55, 5258-5271	10.3	3
94	The Technical Challenges to V2G <b>2019</b> , 65-89		3
93	Barriers, emotions, and motivational levers for lifestyle transformation in Norwegian household decarbonization pathways. <i>Climatic Change</i> , <b>2021</b> , 165, 1	4.5	3
92	Equity implications of climate policy: Assessing the social and distributional impacts of emission reduction targets in the European Union. <i>Energy</i> , <b>2021</b> , 237, 121591	7.9	3
91	Decarbonizing the oil refining industry: A systematic review of sociotechnical systems, technological innovations, and policy options. <i>Energy Research and Social Science</i> , <b>2022</b> , 89, 102542	7.7	3
90	Climate change: Climate justice more vital than democracy. <i>Nature</i> , <b>2015</b> , 526, 323	50.4	2
89	Humanizing hydrocarbon frontiers: the lived experience of shale gas fracking in the United Kingdom's Fylde communities. <i>Local Environment</i> , <b>2020</b> , 25, 944-966	3.3	2
88	Cooperative or Inoperative? Accountability and Transparency at the World Bank's Inspection Panel. <i>Case Studies in the Environment</i> , <b>2017</b> , 1, 1-9	0.5	2
87	A Critical Review of the Costs of Advertising: a Transformative Consumer Research Perspective. <i>Journal of Consumer Policy</i> , <b>2016</b> , 39, 119-140	2.4	2
86	The social acceptance of artificial photosynthesis: towards a conceptual framework. <i>Interface Focus</i> , <b>2015</b> , 5, 20140089	3.9	2

85	Subterranean Struggles: New Dynamics of Mining, Oil, and Gas in Latin America by Anthony Bebbington and Jeffrey Bury (eds.). <i>Journal of Latin American Geography</i> , <b>2014</b> , 13, 223-224	0.9	2
84	Exposing the Paradoxes of Climate and Energy Governance. <i>International Studies Review</i> , <b>2014</b> , 16, 294-297		2
83	Rethinking the Scale, Structure & Scope of U.S. Energy Institutions. <i>Daedalus</i> , <b>2013</b> , 142, 129-145	2	2
82	Expanding Rural Access to Renewable Energy: Lessons from Sri Lanka's Energy Services Delivery Project (ESDP). <i>Journal of Resources Energy and Development</i> , <b>2013</b> , 10, 79-104	0.2	2
81	Chapter 8 Bhutan: Modeling and Adaptation in the Eastern Himalayas. <i>Community, Environment and Disaster Risk Management</i> , <b>2012</b> , 141-158	0.2	2
80	Environmental Damage, Abandoned Treaties, and Fossil-Fuel Dependence: The Coming Costs of Oil-and-Gas Exploration in the 1002 Area of the Arctic National Wildlife Refuge. <i>Environment, Development and Sustainability</i> , <b>2007</b> , 9, 187-201	4.5	2
79	Constructing a Rogue State: American Post-Cold War Security Discourse and North Korean Drug Trafficking*View all notes. <i>New Political Science</i> , <b>2005</b> , 27, 497-520	0.4	2
78	Transitioning to electrified, automated and shared mobility in an African context: A comparative review of Johannesburg, Kigali, Lagos and Nairobi. <i>Journal of Transport Geography</i> , <b>2022</b> , 98, 103256	5.2	2
77	Decarbonizing the ceramics industry: A systematic and critical review of policy options, developments and sociotechnical systems. <i>Renewable and Sustainable Energy Reviews</i> , <b>2022</b> , 157, 112081	16.2	2
76	The Whole systems Energy sustainability of digitalization: Humanizing the community risks and benefits of Nordic datacenter development. <i>Energy Research and Social Science</i> , <b>2022</b> , 88, 102493	7.7	2
75	Cobenefits and Trade-Offs of Green and Clean Energy: Evidence from the Academic Literature and Asian Case Studies. <i>SSRN Electronic Journal</i> ,	1	2
74	Urban Electrification: Knowledge Pathway Toward an Integrated Research and Development Agenda. <i>SSRN Electronic Journal</i> ,	1	2
73	Due Process and the World Bank Inspection Panel <b>2013</b> , 66-89		2
72	Of actors, cities and energy systems: advancing the transformative potential of urban electrification. <i>Progress in Energy</i> , <b>2021</b> , 3, 032002	7.7	2
71	User innovation, niche construction and regime destabilization in heat pump transitions. <i>Environmental Innovation and Societal Transitions</i> , <b>2021</b> , 39, 119-140	7.6	2
70	The Political Ecology and Justice of Energy <b>2016</b> , 529-558		2
69	Temporality, consumption, and conflict: exploring user-based injustices in European low-carbon transitions. <i>Technology Analysis and Strategic Management</i> , <b>2021</b> , 33, 770-782	3.2	2
68	Transboundary hydropower in contested contexts: Energy security, capabilities, and justice in comparative perspective. <i>Energy Strategy Reviews</i> , <b>2021</b> , 37, 100698	9.8	2

67	Energy Policy and Climate Change	446-467		2
66	Energy Myth Six □ The Barriers to New and Innovative Energy Technologies are Primarily Technical: The Case of Distributed Generation (DG)	2007, 145-169		2
65	Navigating tensions between rapid and just low-carbon transitions. <i>Environmental Research Letters</i> ,	2022, 17, 041006	6.2	2
64	Towards improved solar energy justice: Exploring the complex inequities of household adoption of photovoltaic panels. <i>Energy Policy</i> ,	2022, 164, 112868	7.2	2
63	The Regulatory and Political Challenges to V2G	2019, 117-139		1
62	Reply to 'Broaden research on the human dimensions of climate change'. <i>Nature Climate Change</i> ,	2016, 6, 1051-1051	21.4	1
61	Disequilibrium in Development Finance: The Contested Politics of Institutional Accountability and Transparency at the World Bank Inspection Panel. <i>Development and Change</i> ,	2019, 50, 867-895	2.9	1
60	Rising to the Challenge of Sustainability: Three Cases of Climate and Energy Governance	2011, 551-570		1
59	Energy-efficient municipal heating: preliminary lessons from Beijing, Kathmandu and Edinburgh. <i>International Journal of Ambient Energy</i> ,	2011, 32, 146-160	2	1
58	Between the sun and us: Expert perceptions on the innovation, policy, and deep uncertainties of space-based solar geoengineering. <i>Renewable and Sustainable Energy Reviews</i> ,	2022, 158, 112179	16.2	1
57	Can Prosuming Become Perilous? Exploring Systems of Control and Domestic Abuse in the Smart Homes of the Future. <i>Frontiers in Energy Research</i> ,	9,	3.8	1
56	V2G Deployment Pathways and Policy Recommendations	2019, 167-190		1
55	Energy Security and Competition in Asia: Challenges and Prospects for China and Southeast Asia	2011, 210-229		1
54	Responsibility and Ecuador □ Yasun □ TT Initiative	2013, 194-217		1
53	On the socio-technical potential for onshore wind in Europe: A response to critics. <i>Energy Policy</i> ,	2021, 151, 112147	7.2	1
52	Channeling diverse innovation pressures to support European sustainability transitions. <i>Environmental Research Letters</i> ,	2021, 16, 061001	6.2	1
51	Critically assessing and projecting the frequency, severity, and cost of major energy accidents. <i>The Extractive Industries and Society</i> ,	2021, 8, 100885	3.2	1
50	From forests to factories: How modern slavery deepens the crisis of climate change. <i>Energy Research and Social Science</i> ,	2021, 77, 102096	7.7	1

49	Digital bricolage: Infrastructuring lower carbon digital space via Nordic datacentre development. <i>Political Geography</i> , <b>2022</b> , 96, 102617	2.2	1
48	Taking it outside: Exploring social opposition to 21 early-stage experiments in radical climate interventions. <i>Energy Research and Social Science</i> , <b>2022</b> , 90, 102594	7.7	1
47	The dynamics of global public research funding on climate change, energy, transport, and industrial decarbonisation. <i>Renewable and Sustainable Energy Reviews</i> , <b>2022</b> , 162, 112420	16.2	1
46	Tangled transitions: Exploring the emergence of local electricity exchange in France, Switzerland and Great Britain. <i>Technological Forecasting and Social Change</i> , <b>2022</b> , 180, 121677	9.5	1
45	Energy and transport poverty amidst plenty: Exploring just transition, lived experiences and policy implications in Iceland. <i>Renewable and Sustainable Energy Reviews</i> , <b>2022</b> , 163, 112533	16.2	1
44	Industrial decarbonization via natural gas: A critical and systematic review of developments, socio-technical systems and policy options. <i>Energy Research and Social Science</i> , <b>2022</b> , 90, 102638	7.7	1
43	Placing people at the heart of climate action <b>2022</b> , 1, e0000035		1
42	From social science surveys to building energy modeling: Investigating user-building interaction for low-carbon heating solutions in Europe. <i>Energy Reports</i> , <b>2022</b> , 8, 7188-7199	4.6	1
41	Consumers, Society and V2G <b>2019</b> , 141-165		0
40	Energy and due process 191-222		0
39	Reply to: Nuclear power and renewable energy are both associated with national decarbonization. <i>Nature Energy</i> , <b>2022</b> , 7, 30-31	62.3	0
38	A perspective on treaties, maximum wages, and carbon currencies: Innovative policy instruments for global decarbonization. <i>Energy Policy</i> , <b>2022</b> , 160, 112702	7.2	0
37	Virtue or vice? Solar micro-grids and the dualistic nature of low-carbon energy transitions in rural Ghana. <i>Energy Research and Social Science</i> , <b>2022</b> , 83, 102352	7.7	0
36	Introduction to the Political Economy of Climate Change Adaptation <b>2016</b> , 1-32		0
35	We're not dead yet! Extreme energy and transport poverty, perpetual peripheralization, and spatial justice among Gypsies and Travellers in Northern Ireland. <i>Renewable and Sustainable Energy Reviews</i> , <b>2022</b> , 160, 112262	16.2	0
34	Science for whom? Examining the data quality, themes, and trends in 30 years of public funding for global climate change and energy research. <i>Energy Research and Social Science</i> , <b>2022</b> , 89, 102645	7.7	0
33	Rethinking Net-Zero systems, spaces, and societies: Hard versus soft alternatives for nature-based and engineered carbon removal. <i>Global Environmental Change</i> , <b>2022</b> , 75, 102530	10.1	0
32	Energy Security <b>2019</b> , 111-118		

- 31 The global energy system 31-87
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- 21 Off-grid solar electrification for rural development: the implications of the Renewable Energy Development Project (REDP) in China. *International Journal of Regulation and Governance*, **2012**, 12, 19-48
- 20 Distributed Generation and Momentum Change in the American Electric Utility System: A Social-Science Systems Approach **2010**, 157-175
- 19 Addendum to Contextualizing avian mortality: A preliminary appraisal of bird and bat fatalities from wind, fossil-fuel, and nuclear electricity [Energy Policy 37 (6) (2009) 2241-2248]. *Energy Policy* , **2010**, 38, 4750 7.2
- 18 Innovating the innovators: the case for transformational energy Research and Development. *International Journal of Energy Technology and Policy*, **2008**, 6, 368 1
- 17 Conclusions - Replacing Myths With Maxims: Rethinking The Relationship Between Energy And American Society **2007**, 351-366
- 16 Introduction The Compelling Tangle of Energy and American Society **2007**, 1-21
- 15 Governance and Legitimation in the Transition to Nordic Electric Mobility **2020**, 73-88
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- 13 Conclusion [Conceptualizing Energy Justice **2013**, 218-227
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- 9 Bamboo Thumping Bandits: The Political Economy of Climate Adaptation in Bangladesh **2016**, 33-53
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- 1 Effective policies for reducing household energy use: Insights from Norway. *Applied Energy*, **2022**, 318, 119201 10.7