Andy C Stirling

List of Publications by Year
in descending order

61 papers	9,074 citations	101543 36 h-index	182427 51 g-index
61 all docs	61 docs citations	61 times ranked	7111 citing authors

#	Article	IF	Citations
1	The genetically modified organism shall not be refused? Talking back to the technosciences. Environment and Planning E, Nature and Space, 2022, 5, 1230-1251.	2.5	2
2	Reply to: Nuclear power and renewable energy are both associated with national decarbonization. Nature Energy, 2022, 7, 30-31.	39.5	2
3	The governance of sociotechnical transformations to sustainability. Current Opinion in Environmental Sustainability, 2021, 49, 143-152.	6.3	59
4	Appraising research policy instrument mixes: a multicriteria mapping study in six European countries of diagnostic innovation to manage antimicrobial resistance. Research Policy, 2021, 50, 104140.	6.4	7
5	Three Decades of Climate Mitigation: Why Haven't We Bent the Global Emissions Curve?. Annual Review of Environment and Resources, 2021, 46, 653-689.	13.4	167
6	Strengthening conservation science as a crisis discipline by addressing challenges of precaution, privilege, and individualism. Conservation Biology, 2021, 35, 1738-1746.	4.7	6
7	Comparing nuclear trajectories in Germany and the United Kingdom: From regimes to democracies in sociotechnical transitions and discontinuities. Energy Research and Social Science, 2020, 59, 101245.	6.4	32
8	Waves of disruption in clean energy transitions: Sociotechnical dimensions of system disruption in Germany and the United Kingdom. Energy Research and Social Science, 2020, 59, 101287.	6.4	65
9	Sociotechnical agendas: Reviewing future directions for energy and climate research. Energy Research and Social Science, 2020, 70, 101617.	6.4	154
10	â€˜Opening upâ€™ the governance of water-energy-food nexus: Towards a science-policy-society interface based on hybridity and humility. Science of the Total Environment, 2020, 744, 140945.	8.0	33
11	Differences in carbon emissions reduction between countries pursuing renewable electricity versus nuclear power. Nature Energy, 2020, 5, 928-935.	39.5	95
12	Multicriteria Mapping as a Problem Structuring Method for Project Front-Ending. , 2019, , 63-90.		0
13	How deep is incumbency? A â€˜configuring fieldsâ€™ approach to redistributing and reorienting power in socio-material change. Energy Research and Social Science, 2019, 58, 101239.	6.4	88
14	Collingridge and the dilemma of control: Towards responsible and accountable innovation. Research Policy, 2018, 47, 61-69.	6.4	145
15	Cost overruns and financial risk in the construction of nuclear power reactors: A critical appraisal. Energy Policy, 2017, 102, 644-649.	8.8	51
16	Policy mixes for incumbency: Exploring the destructive recreation of renewable energy, shale gas â€˜fracking,â€™ and nuclear power in the United Kingdom. Energy Research and Social Science, 2017, 33, 147-162.	6.4	100
17	Unpacking sustainabilities in diverse transition contexts: solar photovoltaic and urban mobility experiments in India and Thailand. Sustainability Science, 2017, 12, 579-596.	4.9	40
18	Addressing scarcities in responsible innovation. Journal of Responsible Innovation, 2016, 3, 274-281.	4.9	8

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19	Comparing Nuclear Power Trajectories in Germany and the UK: From 'Regimes' to 'Democracies' in Sociotechnical Transitions and Discontinuities. SSRN Electronic Journal, 2015, , .	0.4	7
20	Towards Innovation Democracy? Participation, Responsibility and Precaution in Innovation Governance.. SSRN Electronic Journal, 2014, , .	0.4	19
21	â€˜Maintaining planetary systemsâ€™ or â€˜concentrating global power?â€™ High stakes in contending framings of climate geoengineering. Global Environmental Change, 2014, 28, 25-38.	7.8	59
22	Transforming power: Social science and the politics of energy choices. Energy Research and Social Science, 2014, 1, 83-95.	6.4	387
23	Sustaining trajectories towards Sustainability: Dynamics and diversity in UK communal growing activities. Global Environmental Change, 2013, 23, 838-846.	7.8	77
24	Innovation Politics Post-Rio+20: Hybrid Pathways to Sustainability?. Environment and Planning C: Urban Analytics and City Science, 2013, 31, 1063-1081.	1.5	50
25	How journal rankings can suppress interdisciplinary research: A comparison between Innovation Studies and Business & Management. Research Policy, 2012, 41, 1262-1282.	6.4	406
26	Opening Up the Politics of Knowledge and Power in Bioscience. PLoS Biology, 2012, 10, e1001233.	5.6	59
27	Transforming Innovation for Sustainability. Ecology and Society, 2012, 17, .	2.3	300
28	A Collaboratively-Derived Science-Policy Research Agenda. PLoS ONE, 2012, 7, e31824.	2.5	87
29	Pluralising progress: From integrative transitions to transformative diversity. Environmental Innovation and Societal Transitions, 2011, 1, 82-88.	5.5	175
30	Intolerance: retain healthy scepticism. Nature, 2011, 471, 305-305.	27.8	5
31	Pathways to Sustainability: Perspectives and Provocations. Environment and Planning A, 2011, 43, 1226-1237.	3.6	14
32	Multicriteria diversity analysis. Energy Policy, 2010, 38, 1622-1634.	8.8	205
33	Keep it complex. Nature, 2010, 468, 1029-1031.	27.8	500
34	The Politics of Social-ecological Resilience and Sustainable Socio-technical Transitions. Ecology and Society, 2010, 15, .	2.3	529
35	A New Manifesto for Innovation, Sustainability and Development â€“ Response to Rhodes and Sulston. European Journal of Development Research, 2010, 22, 586-588.	2.3	1
36	Governing epidemics in an age of complexity: Narratives, politics and pathways to sustainability. Global Environmental Change, 2010, 20, 369-377.	7.8	245

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37	From Risk Assessment to Knowledge Mapping: Science, Precaution, and Participation in Disease Ecology. Ecology and Society, 2009, 14, .	2.3	75
38	Participation, precaution and reflexive governance for sustainable development. , 2009, , 193-225.		14
39	Science, Precaution, and the Politics of Technological Risk. Annals of the New York Academy of Sciences, 2008, 1128, 95-110.	3.8	63
40	Diversity and Sustainable Energy Transitions. , 2008, , 1-29.		3
41	â€œOpening Upâ€•and â€œClosing Downâ€• Science Technology and Human Values, 2008, 33, 262-294.	3.1	1,037
42	Deliberative mapping: a novel analytic-deliberative methodology to support contested science-policy decisions. Public Understanding of Science, 2007, 16, 299-322.	2.8	145
43	Moving Outside or Inside? Objectification and Reflexivity in the Governance of Socio-Technical Systems. Journal of Environmental Policy and Planning, 2007, 9, 351-373.	2.8	142
44	A general framework for analysing diversity in science, technology and society. Journal of the Royal Society Interface, 2007, 4, 707-719.	3.4	739
45	Deliberate futures: precaution and progress in social choice of sustainable technology. Sustainable Development, 2007, 15, 286-295.	12.5	55
46	Risk, precaution and science: towards a more constructive policy debate. EMBO Reports, 2007, 8, 309-315.	4.5	233
47	Analysis, participation and power: justification and closure in participatory multi-criteria analysis. Land Use Policy, 2006, 23, 95-107.	5.6	274
48	The governance of sustainable socio-technical transitions. Research Policy, 2005, 34, 1491-1510.	6.4	1,573
49	GM crops: good or bad?. EMBO Reports, 2004, 5, 1021-1024.	4.5	19
50	Socio-technological Regimes and Transition Contexts. , 2004, , .		126
51	Risk, uncertainty and precaution: some instrumental implications from the social sciences. , 2003, , .		52
52	Title is missing!. Journal of Agricultural and Environmental Ethics, 2002, 15, 57-71.	1.7	40
53	Science, precaution, and practice. Public Health Reports, 2002, 117, 521-533.	2.5	77
54	A Novel Approach to the Appraisal of Technological Risk: A Multicriteria Mapping Study of a Genetically Modified Crop. Environment and Planning C: Urban Analytics and City Science, 2001, 19, 529-555.	1.5	103

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55	Science and precaution in the appraisal of electricity supply options. Journal of Hazardous Materials, 2001, 86, 55-75.	12.4	27
56	Precautionary Approaches to the Appraisal of Risk: A Case Study of a Genetically Modified Crop. International Journal of Occupational and Environmental Health, 2000, 6, 296-311.	1.2	21
57	The Precautionary Principle. , 0, , 248-262.		5
58	The Diversification Dimension of Energy Security. , 0, , .		1
59	From Sustainability to Transformation: Dynamics and Diversity in Reflexive Governance of Vulnerability.. SSRN Electronic Journal, 0, , .	0.4	61
60	Engineering and Sustainability: Control and Care in Unfoldings of Modernity. SSRN Electronic Journal, 0, , .	0.4	9
61	Precaution in the Governance of Technology. SSRN Electronic Journal, 0, , .	0.4	1