

Andy C Stirling

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

9,074
citations

101384

36
h-index

182168

51
g-index

61
all docs

61
docs citations

61
times ranked

7111
citing authors

#	ARTICLE	IF	CITATIONS
1	The governance of sustainable socio-technical transitions. <i>Research Policy</i> , 2005, 34, 1491-1510.	3.3	1,573
2	“Opening Up” and “Closing Down”. <i>Science Technology and Human Values</i> , 2008, 33, 262-294.	1.7	1,037
3	A general framework for analysing diversity in science, technology and society. <i>Journal of the Royal Society Interface</i> , 2007, 4, 707-719.	1.5	739
4	The Politics of Social-ecological Resilience and Sustainable Socio-technical Transitions. <i>Ecology and Society</i> , 2010, 15, .	1.0	529
5	Keep it complex. <i>Nature</i> , 2010, 468, 1029-1031.	13.7	500
6	How journal rankings can suppress interdisciplinary research: A comparison between <i>Innovation Studies and Business & Management</i> . <i>Research Policy</i> , 2012, 41, 1262-1282.	3.3	406
7	Transforming power: Social science and the politics of energy choices. <i>Energy Research and Social Science</i> , 2014, 1, 83-95.	3.0	387
8	Transforming Innovation for Sustainability. <i>Ecology and Society</i> , 2012, 17, .	1.0	300
9	Analysis, participation and power: justification and closure in participatory multi-criteria analysis. <i>Land Use Policy</i> , 2006, 23, 95-107.	2.5	274
10	Governing epidemics in an age of complexity: Narratives, politics and pathways to sustainability. <i>Global Environmental Change</i> , 2010, 20, 369-377.	3.6	245
11	Risk, precaution and science: towards a more constructive policy debate. <i>EMBO Reports</i> , 2007, 8, 309-315.	2.0	233
12	Multicriteria diversity analysis. <i>Energy Policy</i> , 2010, 38, 1622-1634.	4.2	205
13	Pluralising progress: From integrative transitions to transformative diversity. <i>Environmental Innovation and Societal Transitions</i> , 2011, 1, 82-88.	2.5	175
14	Three Decades of Climate Mitigation: Why Haven't We Bent the Global Emissions Curve?. <i>Annual Review of Environment and Resources</i> , 2021, 46, 653-689.	5.6	167
15	Sociotechnical agendas: Reviewing future directions for energy and climate research. <i>Energy Research and Social Science</i> , 2020, 70, 101617.	3.0	154
16	Deliberative mapping: a novel analytic-deliberative methodology to support contested science-policy decisions. <i>Public Understanding of Science</i> , 2007, 16, 299-322.	1.6	145
17	Collingridge and the dilemma of control: Towards responsible and accountable innovation. <i>Research Policy</i> , 2018, 47, 61-69.	3.3	145
18	Moving Outside or Inside? Objectification and Reflexivity in the Governance of Socio-Technical Systems. <i>Journal of Environmental Policy and Planning</i> , 2007, 9, 351-373.	1.5	142

#	ARTICLE	IF	CITATIONS
19	Socio-technological Regimes and Transition Contexts. , 2004, , .		126
20	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
21	Policy mixes for incumbency: Exploring the destructive recreation of renewable energy, shale gas â€œfracking,â€™ and nuclear power in the United Kingdom. Energy Research and Social Science, 2017, 33, 147-162.	3.0	100
22	Differences in carbon emissions reduction between countries pursuing renewable electricity versus nuclear power. Nature Energy, 2020, 5, 928-935.	19.8	95
23	How deep is incumbency? A â€œconfiguring fieldsâ€™ approach to redistributing and reorienting power in socio-material change. Energy Research and Social Science, 2019, 58, 101239.	3.0	88
24	A Collaboratively-Derived Science-Policy Research Agenda. PLoS ONE, 2012, 7, e31824.	1.1	87
25	Sustaining trajectories towards Sustainability: Dynamics and diversity in UK communal growing activities. Global Environmental Change, 2013, 23, 838-846.	3.6	77
26	Science, precaution, and practice. Public Health Reports, 2002, 117, 521-533.	1.3	77
27	From Risk Assessment to Knowledge Mapping: Science, Precaution, and Participation in Disease Ecology. Ecology and Society, 2009, 14, .	1.0	75
28	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.	3.0	65
29	<i>Science, Precaution, and the Politics of Technological Risk</i>. Annals of the New York Academy of Sciences, 2008, 1128, 95-110.	1.8	63
30	From Sustainability to Transformation: Dynamics and Diversity in Reflexive Governance of Vulnerability.. SSRN Electronic Journal, 0, , .	0.4	61
31	Opening Up the Politics of Knowledge and Power in Bioscience. PLoS Biology, 2012, 10, e1001233.	2.6	59
32	â€œMaintaining planetary systemsâ€™ or â€œconcentrating global power?â€™ High stakes in contending framings of climate geoengineering. Global Environmental Change, 2014, 28, 25-38.	3.6	59
33	The governance of sociotechnical transformations to sustainability. Current Opinion in Environmental Sustainability, 2021, 49, 143-152.	3.1	59
34	Deliberate futures: precaution and progress in social choice of sustainable technology. Sustainable Development, 2007, 15, 286-295.	6.9	55
35	Risk, uncertainty and precaution: some instrumental implications from the social sciences. , 2003, , .		52
36	Cost overruns and financial risk in the construction of nuclear power reactors: A critical appraisal. Energy Policy, 2017, 102, 644-649.	4.2	51

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37	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
38	Title is missing!. Journal of Agricultural and Environmental Ethics, 2002, 15, 57-71.	0.9	40
39	Unpacking sustainabilities in diverse transition contexts: solar photovoltaic and urban mobility experiments in India and Thailand. Sustainability Science, 2017, 12, 579-596.	2.5	40
40	â€œOpening 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.	3.9	33
41	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.	3.0	32
42	Science and precaution in the appraisal of electricity supply options. Journal of Hazardous Materials, 2001, 86, 55-75.	6.5	27
43	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
44	GM crops: good or bad?. EMBO Reports, 2004, 5, 1021-1024.	2.0	19
45	Towards Innovation Democracy? Participation, Responsibility and Precaution in Innovation Governance.. SSRN Electronic Journal, 2014, , .	0.4	19
46	Participation, precaution and reflexive governance for sustainable development. , 2009, , 193-225.		14
47	Pathways to Sustainability: Perspectives and Provocations. Environment and Planning A, 2011, 43, 1226-1237.	2.1	14
48	Engineering and Sustainability: Control and Care in Unfoldings of Modernity. SSRN Electronic Journal, 0, , .	0.4	9
49	Addressing scarcities in responsible innovation. Journal of Responsible Innovation, 2016, 3, 274-281.	2.3	8
50	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
51	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.	3.3	7
52	Strengthening conservation science as a crisis discipline by addressing challenges of precaution, privilege, and individualism. Conservation Biology, 2021, 35, 1738-1746.	2.4	6
53	The Precautionary Principle. , 0, , 248-262.		5
54	Intolerance: retain healthy scepticism. Nature, 2011, 471, 305-305.	13.7	5

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55	Diversity and Sustainable Energy Transitions. , 2008, , 1-29.		3
56	The genetically modified organism shall not be refused? Talking back to the technosciences. Environment and Planning E, Nature and Space, 2022, 5, 1230-1251.	1.6	2
57	Reply to: Nuclear power and renewable energy are both associated with national decarbonization. Nature Energy, 2022, 7, 30-31.	19.8	2
58	The Diversification Dimension of Energy Security. , 0, , .		1
59	A New Manifesto for Innovation, Sustainability and Development â€“ Response to Rhodes and Sulston. European Journal of Development Research, 2010, 22, 586-588.	1.2	1
60	Precaution in the Governance of Technology. SSRN Electronic Journal, 0, , .	0.4	1
61	Multicriteria Mapping as a Problem Structuring Method for Project Front-Ending. , 2019, , 63-90.		0