

R Pjm Raven

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5425148/publications.pdf>

Version: 2024-02-01

112
papers

12,248
citations

44069

48
h-index

27406

106
g-index

116
all docs

116
docs citations

116
times ranked

6303
citing authors

#	ARTICLE	IF	CITATIONS
1	Sustainability transitions: An emerging field of research and its prospects. <i>Research Policy</i> , 2012, 41, 955-967.	6.4	2,210
2	An agenda for sustainability transitions research: State of the art and future directions. <i>Environmental Innovation and Societal Transitions</i> , 2019, 31, 1-32.	5.5	1,305
3	What is protective space? Reconsidering niches in transitions to sustainability. <i>Research Policy</i> , 2012, 41, 1025-1036.	6.4	1,141
4	Sustainability transitions in the making: A closer look at actors, strategies and resources. <i>Technological Forecasting and Social Change</i> , 2012, 79, 991-998.	11.6	487
5	Non-linearity and Expectations in Niche-Development Trajectories: Ups and Downs in Dutch Biogas Development (1973â€“2003). <i>Technology Analysis and Strategic Management</i> , 2006, 18, 375-392.	3.5	425
6	Space and scale in socio-technical transitions. <i>Environmental Innovation and Societal Transitions</i> , 2012, 4, 63-78.	5.5	336
7	Experimenting for sustainability transitions: A systematic literature review. <i>Technological Forecasting and Social Change</i> , 2019, 145, 153-164.	11.6	280
8	Biogas plants in Denmark: successes and setbacks. <i>Renewable and Sustainable Energy Reviews</i> , 2007, 11, 116-132.	16.4	205
9	Sustainability experiments in Asia: innovations shaping alternative development pathways?. <i>Environmental Science and Policy</i> , 2010, 13, 261-271.	4.9	189
10	Urban greening through nature-based solutions â€“ Key characteristics of an emerging concept. <i>Sustainable Cities and Society</i> , 2019, 49, 101620.	10.4	186
11	Niche construction and empowerment through socio-political work. A meta-analysis of six low-carbon technology cases. <i>Environmental Innovation and Societal Transitions</i> , 2016, 18, 164-180.	5.5	178
12	Transitions and strategic niche management: towards a competence kit for practitioners. <i>International Journal of Technology Management</i> , 2010, 51, 57.	0.5	170
13	Local niche experimentation in energy transitions: A theoretical and empirical exploration of proximity advantages and disadvantages. <i>Technology in Society</i> , 2010, 32, 295-302.	9.4	166
14	Niche accumulation and hybridisation strategies in transition processes towards a sustainable energy system: An assessment of differences and pitfalls. <i>Energy Policy</i> , 2007, 35, 2390-2400.	8.8	164
15	Socio-cognitive evolution in niche development: Comparative analysis of biogas development in Denmark and the Netherlands (1973â€“2004). <i>Technovation</i> , 2010, 30, 87-99.	7.8	152
16	Spaces for sustainable innovation: Solar photovoltaic electricity in the UK. <i>Technological Forecasting and Social Change</i> , 2014, 81, 115-130.	11.6	150
17	Multi-niche analysis of dynamics and policies in Dutch renewable energy innovation journeys (1970â€“2006): hype-cycles, closed networks and technology-focused learning. <i>Technology Analysis and Strategic Management</i> , 2008, 20, 555-573.	3.5	143
18	Technological learning in bioenergy systems. <i>Energy Policy</i> , 2006, 34, 4024-4041.	8.8	137

#	ARTICLE	IF	CITATIONS
19	Multi-Regime Interactions in the Dutch Energy Sector: The Case of Combined Heat and Power Technologies in the Netherlands 1970â€“2000. <i>Technology Analysis and Strategic Management</i> , 2007, 19, 491-507.	3.5	132
20	Strategic niche management for biofuels: Analysing past experiments for developing new biofuel policies. <i>Energy Policy</i> , 2007, 35, 3213-3225.	8.8	132
21	Challenges in the acceleration of sustainability transitions. <i>Environmental Research Letters</i> , 2020, 15, 081001.	5.2	131
22	Urban experimentation and institutional arrangements. <i>European Planning Studies</i> , 2019, 27, 258-281.	2.9	127
23	Three is a crowd? Exploring the potential of crowdfunding for renewable energy in the Netherlands. <i>Journal of Cleaner Production</i> , 2016, 128, 142-155.	9.3	117
24	Toward a spatial perspective on niche development: The case of Bus Rapid Transit. <i>Environmental Innovation and Societal Transitions</i> , 2015, 17, 166-182.	5.5	112
25	Strategic niche management of social innovations: the case of social entrepreneurship. <i>Technology Analysis and Strategic Management</i> , 2011, 23, 667-681.	3.5	108
26	Co-evolution of waste and electricity regimes: Multi-regime dynamics in the Netherlands (1969â€“2003). <i>Energy Policy</i> , 2007, 35, 2197-2208.	8.8	106
27	Towards alternative trajectories? Reconfigurations in the Dutch electricity regime. <i>Research Policy</i> , 2006, 35, 581-595.	6.4	105
28	From riches to rags: Biofuels, media discourses, and resistance to sustainable energy technologies. <i>Energy Policy</i> , 2010, 38, 5013-5027.	8.8	105
29	Scaling up sustainable energy innovations. <i>Energy Policy</i> , 2017, 110, 342-354.	8.8	104
30	Achieving the Sustainable Development Goals Requires Transdisciplinary Innovation at the Local Scale. <i>One Earth</i> , 2020, 3, 300-313.	6.8	99
31	Modelling the dynamics of technological innovation systems. <i>Research Policy</i> , 2016, 45, 1833-1844.	6.4	95
32	Transnational linkages in sustainability experiments: A typology and the case of solar photovoltaic energy in India. <i>Environmental Innovation and Societal Transitions</i> , 2015, 17, 149-165.	5.5	94
33	Upscaling of business model experiments in off-grid PV solar energy in India. <i>Sustainability Science</i> , 2012, 7, 199-212.	4.9	87
34	From laggard to leader: Explaining offshore wind developments in the UK. <i>Energy Policy</i> , 2014, 69, 635-646.	8.8	84
35	Lock-in and change: Distributed generation in Denmark in a long-term perspective. <i>Energy Policy</i> , 2006, 34, 3739-3748.	8.8	83
36	Towards a multi-level framework of household food waste and consumer behaviour: Untangling spaghetti soup. <i>Appetite</i> , 2021, 156, 104856.	3.7	82

#	ARTICLE	IF	CITATIONS
37	Modulating societal acceptance in new energy projects: Towards a toolkit methodology for project managers. <i>Energy</i> , 2009, 34, 564-574.	8.8	75
38	Biofuel developments in Sweden and the Netherlands. <i>Renewable and Sustainable Energy Reviews</i> , 2009, 13, 1406-1417.	16.4	75
39	Studying transitions: Past, present, and future. <i>Research Policy</i> , 2019, 48, 103788.	6.4	74
40	Business model innovation and socio-technical transitions. A new prospective framework with an application to bike sharing. <i>Journal of Cleaner Production</i> , 2018, 195, 1300-1312.	9.3	73
41	Smart and sustainable cities? Pipedreams, practicalities and possibilities. <i>Local Environment</i> , 2019, 24, 557-564.	2.4	68
42	Nature-based innovation systems. <i>Environmental Innovation and Societal Transitions</i> , 2020, 35, 202-216.	5.5	66
43	Strategic Niche Management in an unstable regime: Biomass gasification in India. <i>Environmental Science and Policy</i> , 2010, 13, 272-281.	4.9	64
44	The development of solar PV in The Netherlands: A case of survival in unfriendly contexts. <i>Renewable and Sustainable Energy Reviews</i> , 2013, 19, 275-289.	16.4	58
45	Biomass energy experiments in rural India: Insights from learning-based development approaches and lessons for Strategic Niche Management. <i>Environmental Science and Policy</i> , 2010, 13, 326-338.	4.9	53
46	Towards environmentally sustainable food systems: decision-making factors in sustainable food production and consumption. <i>Sustainable Production and Consumption</i> , 2021, 26, 610-626.	11.0	53
47	Implementation of manure digestion and co-combustion in the Dutch electricity regime: a multi-level analysis of market implementation in the Netherlands. <i>Energy Policy</i> , 2004, 32, 29-39.	8.8	52
48	Empowering sustainable niches: Comparing UK and Dutch offshore wind developments. <i>Technological Forecasting and Social Change</i> , 2015, 100, 344-355.	11.6	52
49	Boundary crossing innovations: Case studies from the energy domain. <i>Technology in Society</i> , 2009, 31, 85-93.	9.4	50
50	Collective institutional entrepreneurship and contestations in wind energy in India. <i>Renewable and Sustainable Energy Reviews</i> , 2015, 42, 999-1011.	16.4	46
51	Institutional entrepreneurship in transforming energy systems towards sustainability: Wind energy in Finland and India. <i>Energy Research and Social Science</i> , 2016, 17, 102-118.	6.4	46
52	Translation mechanisms in socio-technical niches: a case study of Dutch river management. <i>Technology Analysis and Strategic Management</i> , 2011, 23, 1063-1078.	3.5	45
53	Seedbeds, harbours, and battlegrounds: On the origins of favourable environments for urban experimentation with sustainability. <i>Environmental Innovation and Societal Transitions</i> , 2019, 31, 211-232.	5.5	44
54	Metering motorbike mobility: informal transport in transition?. <i>Technology Analysis and Strategic Management</i> , 2014, 26, 453-468.	3.5	42

#	ARTICLE	IF	CITATIONS
55	Local Agenda 2030 for sustainable development. <i>Lancet Planetary Health</i> , The, 2019, 3, e240-e241.	11.4	42
56	The politics of innovation spaces for low-carbon energy: Introduction to the special issue. <i>Environmental Innovation and Societal Transitions</i> , 2016, 18, 101-110.	5.5	41
57	Framing the sharing economy: A media analysis of ridesharing platforms in Indonesia and the Philippines. <i>Journal of Cleaner Production</i> , 2019, 212, 1154-1165.	9.3	41
58	Unpacking sustainabilities in diverse transition contexts: solar photovoltaic and urban mobility experiments in India and Thailand. <i>Sustainability Science</i> , 2017, 12, 579-596.	4.9	40
59	ESTEEM: Managing societal acceptance in new energy projects. <i>Technological Forecasting and Social Change</i> , 2009, 76, 963-977.	11.6	39
60	From Cowboys to Diplomats: Challenges for Social Entrepreneurship in The Netherlands. <i>Voluntas</i> , 2011, 22, 283-310.	1.7	39
61	Rural energy transitions in developing countries: a case of the Uttam Urja initiative in India. <i>Environmental Science and Policy</i> , 2010, 13, 303-311.	4.9	38
62	The experimental city. , 2016, , 1-12.		38
63	Whatâ€™s behind the barriers? Uncovering structural conditions working against urban nature-based solutions. <i>Landscape and Urban Planning</i> , 2022, 220, 104335.	7.5	36
64	Overcoming transformational failures through policy mixes in the dynamics of technological innovation systems. <i>Technological Forecasting and Social Change</i> , 2020, 153, 119297.	11.6	33
65	A dramaturgy of critical moments in transition: Understanding the dynamics of conflict in socio-political change. <i>Environmental Innovation and Societal Transitions</i> , 2020, 37, 156-170.	5.5	32
66	Socio-cognitive evolution and co-evolution in competing technical trajectories: Biogas development in Denmark (1970â€“2002). <i>International Journal of Sustainable Development and World Ecology</i> , 2007, 14, 63-77.	5.9	31
67	Smart cycling futures: Charting a new terrain and moving towards a research agenda. <i>Journal of Transport Geography</i> , 2019, 79, 102486.	5.0	31
68	Nurturing nature: Exploring socio-spatial conditions for urban experimentation. <i>Environmental Innovation and Societal Transitions</i> , 2020, 34, 7-25.	5.5	30
69	A perspective on the future of sustainability transitions research. <i>Environmental Innovation and Societal Transitions</i> , 2022, 42, 331-339.	5.5	30
70	Configurational innovation systems â€“ Explaining the slow German heat transition. <i>Energy Research and Social Science</i> , 2019, 52, 99-113.	6.4	29
71	Transitions governance with a sense of direction: synchronization challenges in the case of the dutch â€“Driverless Carâ€™ transition. <i>Technological Forecasting and Social Change</i> , 2020, 160, 120244.	11.6	29
72	The role of policy in shielding, nurturing and enabling offshore wind in The Netherlands (1973â€“2013). <i>Renewable and Sustainable Energy Reviews</i> , 2015, 47, 816-829.	16.4	28

#	ARTICLE	IF	CITATIONS
73	Why do companiesâ€™ institutional strategies differ across cities? A cross-case analysis of bike sharing in Shanghai & Amsterdam. <i>Environmental Innovation and Societal Transitions</i> , 2020, 36, 151-163.	5.5	27
74	Experimenting in the city. , 2016, , 15-31.		27
75	Structural conditions for the wider uptake of urban nature-based solutions â€“ A conceptual framework. <i>Cities</i> , 2021, 116, 103283.	5.6	24
76	Behaviour in sustainability transitions: A mixed methods literature review. <i>Environmental Innovation and Societal Transitions</i> , 2021, 40, 586-608.	5.5	23
77	Households in sustainability transitions: a systematic review and new research avenues. <i>Environmental Innovation and Societal Transitions</i> , 2021, 40, 87-107.	5.5	21
78	Institutional work in diverse niche contexts: The case of low-carbon housing in the Netherlands. <i>Environmental Innovation and Societal Transitions</i> , 2020, 35, 116-134.	5.5	21
79	The politics of smart expectations: Interrogating the knowledge claims of smart mobility. <i>Futures</i> , 2020, 122, 102604.	2.5	20
80	The â€˜purpose ecosystemâ€™: Emerging private sector actors in earth system governance. <i>Earth System Governance</i> , 2020, 4, 100053.	3.4	20
81	Systematic review: Landlordsâ€™ willingness to retrofit energy efficiency improvements. <i>Journal of Cleaner Production</i> , 2021, 303, 127041.	9.3	20
82	Field configuring events shaping sustainability transitions? The case of solar PV in India. <i>Technological Forecasting and Social Change</i> , 2016, 103, 324-333.	11.6	19
83	Understanding the roles of universities for sustainable development transformations: A framing analysis of university models. <i>Sustainable Development</i> , 2022, 30, 525-538.	12.5	18
84	Advancing urban transitions and transformations research. <i>Environmental Innovation and Societal Transitions</i> , 2021, 41, 102-105.	5.5	17
85	Urban Planning by Experiment at Precinct Scale: Embracing Complexity, Ambiguity, and Multiplicity. <i>Urban Planning</i> , 2021, 6, 195-207.	1.3	16
86	Influencing across multiple levels: The positive effect of a school-based intervention on food waste and household behaviours. <i>Journal of Environmental Management</i> , 2022, 308, 114681.	7.8	15
87	Scripts in transition: Protective spaces of Indonesian biofuel villages. <i>Technological Forecasting and Social Change</i> , 2015, 99, 1-13.	11.6	14
88	â€œCritical Agents of Change?â€ Opportunities and Limits to Childrenâ€™s Participation in Urban Planning. <i>Journal of Planning Literature</i> , 2021, 36, 170-186.	3.5	14
89	Interdisciplinary Research and Impact. <i>Global Challenges</i> , 2019, 3, 1900020.	3.6	12
90	Lessons learnt from previous local sustainability efforts to inform local action for the Sustainable Development Goals. <i>Environmental Science and Policy</i> , 2022, 129, 45-55.	4.9	12

#	ARTICLE	IF	CITATIONS
91	The Purpose Ecosystem and the United Nations Sustainable Development Goals: Interactions Among Private Sector Actors and Stakeholders. <i>Journal of Business Ethics</i> , 2022, 180, 1097-1112.	6.0	10
92	Dung, Sludge, and Landfill: Biogas Technology in the Netherlands, 1970-2000. <i>Technology and Culture</i> , 2004, 45, 519-539.	0.1	9
93	Decarbonising Rotterdam?. <i>City</i> , 2019, 23, 646-657.	1.6	9
94	Contrasting Regional Habitats for Urban Sustainability Experimentation in Europe. <i>Sustainability</i> , 2018, 10, 1624.	3.2	7
95	Can AI transform public decision-making for sustainable development? An exploration of critical earth system governance questions. <i>Earth System Governance</i> , 2021, 9, 100116.	3.4	7
96	A participatory approach for empowering community engagement in data governance: The Monash Net Zero Precinct. <i>Data & Policy</i> , 2022, 4, .	1.8	7
97	Researching cycling innovations: The contested nature of understanding and shaping smart cycling futures. <i>Transportation Research Interdisciplinary Perspectives</i> , 2020, 8, 100247.	2.7	6
98	The gaze of the gatekeeper: Unpacking the multi-level influences and interactions of household food waste through a video elicitation study. <i>Resources, Conservation and Recycling</i> , 2021, 171, 105625.	10.8	6
99	Smart urbanism in Barcelona. , 2018, , 33-52.		6
100	Challenges and dilemmas in strategic urban experimentation An analysis of four cycling innovation living labs. <i>Technological Forecasting and Social Change</i> , 2021, 172, 121004.	11.6	5
101	AI for monitoring the Sustainable Development Goals and supporting and promoting action and policy development. , 2020, , .		5
102	Toward the Dynamic Modeling of Transition Problems: The Case of Electric Mobility. <i>Sustainability</i> , 2021, 13, 38.	3.2	5
103	Energy efficiency in the private rental sector in Victoria, Australia: When and why do small-scale private landlords retrofit?. <i>Energy Research and Social Science</i> , 2022, 88, 102533.	6.4	5
104	Distribution of responsibility in socio-technical networks: the Promest case. <i>Technology Analysis and Strategic Management</i> , 2011, 23, 453-471.	3.5	4
105	Exploring the interplay between technological decline and deinstitutionalisation in sustainability transitions. <i>Technological Forecasting and Social Change</i> , 2022, 180, 121703.	11.6	4
106	From Laggard to Leader: Explaining Offshore Wind Developments in the UK. <i>SSRN Electronic Journal</i> , 2014, , .	0.4	3
107	Urban mobility experiments in India and Thailand. , 2016, , 122-136.		3
108	Dynamism in policy-affiliated transition intermediaries. <i>Renewable and Sustainable Energy Reviews</i> , 2022, 159, 112210.	16.4	3

#	ARTICLE	IF	CITATIONS
109	Deliberating the knowledge politics of smart urbanism. <i>Urban Transformations</i> , 2022, 4, .	2.4	2
110	Bread baking, food growing, and bicycle riding: practice memories and household consumption during the COVID-19 lockdowns in Melbourne. <i>Sustainability: Science, Practice, and Policy</i> , 2022, 18, 466-482.	1.9	2
111	Transitions in Energy Systems. , 0, , 1173-1202.		1
112	From Laggard to Leader: Explaining Offshore Wind Developments in the UK. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1