

Koen Frenken

List of Publications by Year in descending order

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Version: 2024-02-01

133
papers

12,099
citations

57631

44
h-index

30010

103
g-index

146
all docs

146
docs citations

146
times ranked

6266
citing authors

#	ARTICLE	IF	CITATIONS
1	Your Uber is arriving now: An analysis of platform location decisions through an institutional lens. <i>Strategic Organization</i> , 2023, 21, 501-536.	3.1	4
2	Catching up in clean energy technologies: a patent analysis. <i>Journal of Technology Transfer</i> , 2023, 48, 693-715.	2.5	7
3	Variety, complexity and economic development. <i>Research Policy</i> , 2022, 51, 103949.	3.3	17
4	Institutional relatedness and the emergence of renewable energy cooperatives in German districts. <i>Regional Studies</i> , 2022, 56, 548-562.	2.5	15
5	The roles of KIBS and R&D in the industrial diversification of regions. <i>Annals of Regional Science</i> , 2022, 68, 29-64.	1.0	2
6	Servitisation on consumer markets: entry and strategy in Dutch private lease markets. <i>Innovation: Management, Policy and Practice</i> , 2022, 24, 231-250.	2.6	2
7	Small wins for grand challenges. A bottom-up governance approach to regional innovation policy. <i>European Planning Studies</i> , 2022, 30, 2245-2272.	1.6	30
8	Conceptualising institutional complexity in the upscaling of community enterprises: Lessons from renewable energy and carsharing. <i>Environmental Innovation and Societal Transitions</i> , 2022, 42, 138-151.	2.5	16
9	The feasibility of platform cooperatives in the gig economy. <i>Journal of Co-operative Organization and Management</i> , 2022, 10, 100167.	0.9	21
10	A network-based model of exploration and exploitation. <i>Journal of Business Research</i> , 2021, 129, 589-599.	5.8	5
11	The battle of the buzzwords: A comparative review of the circular economy and the sharing economy concepts. <i>Environmental Innovation and Societal Transitions</i> , 2021, 38, 1-21.	2.5	82
12	The role of community sharing in sustainability transformation: case studies from Norway. <i>Sustainability: Science, Practice, and Policy</i> , 2021, 17, 334-348.	1.1	3
13	A spatial-institutional analysis of researchers with multiple affiliations. <i>PLoS ONE</i> , 2021, 16, e0253462.	1.1	3
14	On the sudden rise of Dutch science at the end of the nineteenth century: a core-periphery approach. <i>Industry and Innovation</i> , 2021, 28, 1175-1195.	1.7	1
15	On digitalization and sustainability transitions. <i>Environmental Innovation and Societal Transitions</i> , 2021, 41, 96-98.	2.5	40
16	Explaining carsharing supply across Western European cities. <i>International Journal of Sustainable Transportation</i> , 2020, 14, 243-254.	2.1	49
17	Safeguarding Public Interests in the Platform Economy. <i>Policy and Internet</i> , 2020, 12, 400-425.	2.0	30
18	Geography of scientific knowledge: A proximity approach. <i>Quantitative Science Studies</i> , 2020, 1, 1007-1016.	1.6	9

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19	How product development partnerships support hybrid collaborations dealing with global health challenges. <i>Global Transitions</i> , 2020, 2, 190-201.	1.6	2
20	An Institutional Logics Perspective on the Gig Economy. <i>Research in the Sociology of Organizations</i> , 2020, , 83-105.	0.5	27
21	Conceptualizing the Gig Economy and Its Regulatory Problems. <i>Policy and Internet</i> , 2020, 12, 525-545.	2.0	53
22	The subsidiarity principle in innovation policy for societal challenges. <i>Global Transitions</i> , 2020, 2, 51-59.	1.6	50
23	A typology of scientific breakthroughs. <i>Quantitative Science Studies</i> , 2020, 1, 1203-1222.	1.6	13
24	The study of institutional entrepreneurship and its implications for transition studies. <i>Environmental Innovation and Societal Transitions</i> , 2020, 36, 114-136.	2.5	41
25	The pricing of open access journals: Diverse niches and sources of value in academic publishing. <i>Quantitative Science Studies</i> , 2020, 1, 28-59.	1.6	30
26	Reverse Technology Assessment in the Age of the Platform Economy. <i>Built Environment</i> , 2020, 46, 22-27.	0.4	8
27	A genealogical approach to academic success. <i>PLoS ONE</i> , 2020, 15, e0243913.	1.1	4
28	Different business models “different users? Uncovering the motives and characteristics of business-to-consumer and peer-to-peer carsharing adopters in The Netherlands. <i>Transportation Research, Part D: Transport and Environment</i> , 2019, 73, 276-306.	3.2	55
29	Cross-specialisation policy: rationales and options for linking unrelated industries. <i>Cambridge Journal of Regions, Economy and Society</i> , 2019, 12, 195-212.	1.7	28
30	Collective institutional work: the case of Airbnb in Amsterdam, London and New York. <i>Industry and Innovation</i> , 2019, 26, 898-919.	1.7	24
31	The Downside of Social Capital in New Industry Creation. <i>Economic Geography</i> , 2019, 95, 315-340.	2.1	21
32	Does related variety foster regional entrepreneurship? Evidence from European regions. <i>Regional Studies</i> , 2019, 53, 1531-1543.	2.5	37
33	The geography of scientific citations. <i>Research Policy</i> , 2019, 48, 1771-1780.	3.3	24
34	Weak spots for car-sharing in The Netherlands? The geography of socio-technical regimes and the adoption of niche innovations. <i>Energy Research and Social Science</i> , 2019, 52, 132-143.	3.0	36
35	Institutional entrepreneurship in the platform economy: How Uber tried (and failed) to change the Dutch taxi law. <i>Environmental Innovation and Societal Transitions</i> , 2019, 33, 1-12.	2.5	66
36	Diffusion with social reinforcement: The role of individual preferences. <i>Physical Review E</i> , 2018, 97, 022302.	0.8	14

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37	Grounding the "mirroring hypothesis": Towards a general theory of organization design in New Product Development. <i>Journal of Engineering and Technology Management - JET-M</i> , 2018, 47, 81-95.	1.4	17
38	Causal relations between knowledge-intensive business services and regional employment growth. <i>Regional Studies</i> , 2018, 52, 172-183.	2.5	28
39	Proximity, knowledge base and the innovation process: towards an integrated framework. <i>Regional Studies</i> , 2018, 52, 23-34.	2.5	121
40	Carsharing business models in Germany: characteristics, success and future prospects. <i>Information Systems and E-Business Management</i> , 2018, 16, 271-291.	2.2	75
41	Publieke belangen in de deel- en kluseconomie1. <i>Mens En Maatschappij</i> , 2018, 93, 211-230.	0.1	0
42	Evolutionary Economic Geography. , 2018, , .		12
43	The Principle of Relatedness. <i>Springer Proceedings in Complexity</i> , 2018, , 451-457.	0.2	128
44	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.	4.6	73
45	Networks, Percolation, and Consumer Demand. <i>Jasss</i> , 2018, 21, .	1.0	5
46	Evolving user needs and late-mover advantage. <i>Strategic Organization</i> , 2017, 15, 67-90.	3.1	17
47	Putting the sharing economy into perspective. <i>Environmental Innovation and Societal Transitions</i> , 2017, 23, 3-10.	2.5	671
48	Sectoral co-movements of employment growth at regional level. <i>Economic Systems Research</i> , 2017, 29, 82-104.	1.2	1
49	Relating cost-benefit analysis results with transport project decisions in the Netherlands. <i>Letters in Spatial and Resource Sciences</i> , 2017, 10, 109-127.	1.2	25
50	The importance of ergonomic design in product innovation. Lessons from the development of the portable computer. <i>Industrial and Corporate Change</i> , 2017, 26, 953-971.	1.7	7
51	Political economies and environmental futures for the sharing economy. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2017, 375, 20160367.	1.6	140
52	Towards a theory of regional diversification: combining insights from Evolutionary Economic Geography and Transition Studies. <i>Regional Studies</i> , 2017, 51, 31-45.	2.5	293
53	What drives university research performance? An analysis using the CWTS Leiden Ranking data. <i>Journal of Informetrics</i> , 2017, 11, 859-872.	1.4	60
54	Spatial Differentiation in Industrial Dynamics. The Case of the Netherlands (1994-2005). <i>Tijdschrift Voor Economische En Sociale Geografie</i> , 2016, 107, 316-330.	1.2	11

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55	Related variety and economic development: a literature review. <i>European Planning Studies</i> , 2016, 24, 2097-2112.	1.6	159
56	Success factors in university–industry PhD projects. <i>Science and Public Policy</i> , 2016, , scv076.	1.2	4
57	Same place, same knowledge – same people? The geography of non-patent citations in Dutch polymer patents. <i>Economics of Innovation and New Technology</i> , 2016, 25, 553-572.	2.1	5
58	Geographic clustering in evolutionary economic geography. , 2015, , .		3
59	Governance mode choice in collaborative Ph.D. projects. <i>Journal of Technology Transfer</i> , 2015, 40, 840-858.	2.5	10
60	Does working with industry come at a price? A study of doctoral candidates’ performance in collaborative vs. non-collaborative Ph.D. projects. <i>Technovation</i> , 2015, 41-42, 51-61.	4.2	19
61	Path dependence and the geography of infrastructure networks: the case of the European fibre-optic network. <i>Letters in Spatial and Resource Sciences</i> , 2015, 8, 169-179.	1.2	0
62	Related Variety, Unrelated Variety and Technological Breakthroughs: An analysis of US State-Level Patenting. <i>Regional Studies</i> , 2015, 49, 767-781.	2.5	316
63	Industrial Dynamics and Clusters: A Survey. <i>Regional Studies</i> , 2015, 49, 10-27.	2.5	126
64	Characterizing and comparing innovation systems by different ‘modes’ of knowledge production: A proximity approach. <i>Science and Public Policy</i> , 2015, 42, 530-548.	1.2	29
65	Proximity and Innovation: From Statics to Dynamics. <i>Regional Studies</i> , 2015, 49, 907-920.	2.5	398
66	Spatial Scientometrics and Scholarly Impact: A Review of Recent Studies, Tools, and Methods. , 2014, , 127-146.		18
67	The evolution of the Dutch dairy industry and the rise of cooperatives: a research note. <i>Journal of Institutional Economics</i> , 2014, 10, 163-174.	1.3	8
68	On the existence of persistently outperforming firms. <i>Industrial and Corporate Change</i> , 2014, 23, 997-1036.	1.7	43
69	Designing for a Living? Income Determinants Among Firm Founders in the Dutch Design Sector. <i>Industry and Innovation</i> , 2014, 21, 117-140.	1.7	4
70	Thresholds models of technological transitions. <i>Environmental Innovation and Societal Transitions</i> , 2014, 11, 54-70.	2.5	22
71	On Scaling of Scientific Knowledge Production in U.S. Metropolitan Areas. <i>PLoS ONE</i> , 2014, 9, e110805.	1.1	32
72	Do more distant collaborations have more citation impact?. <i>Journal of Informetrics</i> , 2013, 7, 966-971.	1.4	48

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73	Clustering and firm performance in project-based industries: the case of the global video game industry, 1972-2007. <i>Journal of Economic Geography</i> , 2013, 13, 965-991.	1.6	65
74	Acquisition of European research funds and its effect on international scientific collaboration. <i>Journal of Economic Geography</i> , 2013, 13, 23-52.	1.6	83
75	Proximity and Stratification in European Scientific Research Collaboration Networks: A Policy Perspective. <i>Advances in Spatial Science</i> , 2013, , 263-277.	0.3	3
76	Why First Movers May Fail: Global Versus Sequential Improvement of Complex Technological Artefacts. <i>Springer Proceedings in Complexity</i> , 2013, , 751-755.	0.2	0
77	Evolutionary theorizing and modeling of sustainability transitions. <i>Research Policy</i> , 2012, 41, 1011-1024.	3.3	145
78	Optimal modularity: a demonstration of the evolutionary advantage of modular architectures. <i>Journal of Evolutionary Economics</i> , 2012, 22, 935-956.	0.8	29
79	Branching innovation, recombinant innovation, and endogenous technological transitions. <i>Environmental Innovation and Societal Transitions</i> , 2012, 4, 25-35.	2.5	49
80	The Geographical Distribution of Leadership in Globalized Clinical Trials. <i>PLoS ONE</i> , 2012, 7, e45984.	1.1	31
81	Urban Amenities and Agglomeration Economies?. <i>Urban Studies</i> , 2011, 48, 1333-1352.	2.2	40
82	European infrastructure networks and regional innovation in science-based technologies. <i>Economics of Innovation and New Technology</i> , 2011, 20, 517-537.	2.1	12
83	Firm entry and institutional lock-in: an organizational ecology analysis of the global fashion design industry. <i>Industrial and Corporate Change</i> , 2011, 20, 1031-1048.	1.7	36
84	The emerging empirics of evolutionary economic geography. <i>Journal of Economic Geography</i> , 2011, 11, 295-307.	1.6	353
85	Technological Relatedness, Related Variety and Economic Geography. , 2011, , .		54
86	The citation impact of research collaboration in science-based industries: A spatial-institutional analysis. <i>Papers in Regional Science</i> , 2010, 89, 351-372.	1.0	65
87	The Spatial Evolution of Innovation Networks: A Proximity Perspective. , 2010, , .		130
88	The Geography of Internet Infrastructure: An Evolutionary Simulation Approach Based on Preferential Attachment. <i>Urban Studies</i> , 2010, 47, 1969-1984.	2.2	55
89	Innovation, spillovers and university-industry collaboration: an extended knowledge production function approach. <i>Journal of Economic Geography</i> , 2010, 10, 231-255.	1.6	354
90	Innovation, qualitative change and economic development"Special issue in honour of Pier-Paolo Savioti. <i>Structural Change and Economic Dynamics</i> , 2010, 21, 1-4.	2.1	2

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91	Research collaboration at a distance: Changing spatial patterns of scientific collaboration within Europe. <i>Research Policy</i> , 2010, 39, 662-673.	3.3	395
92	Introduction: Evolutionary methodologies for analyzing environmental innovations and the implications for environmental policy. <i>Technological Forecasting and Social Change</i> , 2009, 76, 449-452.	6.2	24
93	Models in evolutionary economics and environmental policy: Towards an evolutionary environmental economics. <i>Technological Forecasting and Social Change</i> , 2009, 76, 462-470.	6.2	117
94	The geography of collaborative knowledge production in Europe. <i>Annals of Regional Science</i> , 2009, 43, 721-738.	1.0	395
95	A complex systems methodology to transition management. <i>Journal of Evolutionary Economics</i> , 2009, 19, 527-543.	0.8	62
96	NETWORKS AND ECONOMIC AGGLOMERATIONS: INTRODUCTION TO THE SPECIAL ISSUE. <i>Tijdschrift Voor Economische En Sociale Geografie</i> , 2009, 100, 139-144.	1.2	14
97	Spatial scientometrics: Towards a cumulative research program. <i>Journal of Informetrics</i> , 2009, 3, 222-232.	1.4	223
98	Editorial: Reaching Out to New Territories. <i>Regional Studies</i> , 2009, 43, 1-4.	2.5	14
99	Some Notes on Institutions in Evolutionary Economic Geography. <i>Economic Geography</i> , 2009, 85, 151-158.	2.1	155
100	Death of Distance in Science? A Gravity Approach to Research Collaboration. <i>Understanding Complex Systems</i> , 2009, , 43-57.	0.3	30
101	Proximity, Social Capital and the Simon Model of Stochastic Growth. <i>Advances in Spatial Science</i> , 2009, , 133-140.	0.3	1
102	Export variety and the economic performance of countries. <i>Journal of Evolutionary Economics</i> , 2008, 18, 201-218.	0.8	162
103	Digital disciplinary differences: An analysis of computer-mediated science and "Mode 2" knowledge production. <i>Research Policy</i> , 2008, 37, 1602-1615.	3.3	24
104	The Geography of Internet Adoption by Independent Retailers in the Netherlands. <i>Environment and Planning B: Planning and Design</i> , 2008, 35, 443-460.	1.7	20
105	THE EVOLUTION OF INVENTOR NETWORKS IN THE SILICON VALLEY AND BOSTON REGIONS. <i>International Journal of Modeling, Simulation, and Scientific Computing</i> , 2007, 10, 53-71.	0.9	80
106	A theoretical framework for evolutionary economic geography: industrial dynamics and urban growth as a branching process. <i>Journal of Economic Geography</i> , 2007, 7, 635-649.	1.6	471
107	Related Variety, Unrelated Variety and Regional Economic Growth. <i>Regional Studies</i> , 2007, 41, 685-697.	2.5	1,686
108	Introduction: Applications of Evolutionary Economic Geography. , 2007, , .		11

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109	The geographical and institutional proximity of research collaboration. Papers in Regional Science, 2007, 86, 423-443.	1.0	476
110	Why is economic geography not an evolutionary science? Towards an evolutionary economic geography. Journal of Economic Geography, 2006, 6, 273-302.	1.6	796
111	Technological innovation and complexity theory. Economics of Innovation and New Technology, 2006, 15, 137-155.	2.1	143
112	Toward a systematic framework for research on dominant designs, technological innovations, and industrial change. Research Policy, 2006, 35, 925-952.	3.3	449
113	A fitness landscape approach to technological complexity, modularity, and vertical disintegration. Structural Change and Economic Dynamics, 2006, 17, 288-305.	2.1	85
114	CONVERGENCE IN AN ENLARGED EUROPE: THE ROLE OF NETWORK CITIES. Tijdschrift Voor Economische En Sociale Geografie, 2006, 97, 321-326.	1.2	15
115	A Complex Network Approach to Urban Growth. Environment and Planning A, 2006, 38, 1941-1964.	2.1	51
116	Variety and Regional Growth: Theory, Measurement and Outcomes. , 2006, , .		0
117	NEW DIRECTIONS IN RESEARCH ON DOMINANT DESIGNS.. Proceedings - Academy of Management, 2005, 2005, G1-G6.	0.0	1
118	Evolution in city centre retailing: the case of Utrecht (1974â€2003). International Journal of Retail and Distribution Management, 2005, 33, 824-841.	2.7	9
119	The citation impact of research collaborations: the case of European biotechnology and applied microbiology (1988â€2002). Journal of Engineering and Technology Management - JET-M, 2005, 22, 9-30.	1.4	97
120	Variety and Regional Economic Growth in the Netherlands. SSRN Electronic Journal, 2005, , .	0.4	19
121	Toward a Systematic Framework for Research on Dominant Designs, Technological Innovations, and Industrial Change. SSRN Electronic Journal, 2005, , .	0.4	10
122	<i>AIRLINE COMPETITION AT EUROPEAN AIRPORTS</i>. Tijdschrift Voor Economische En Sociale Geografie, 2004, 95, 233-242.	1.2	13
123	R&D portfolios in environmentally friendly automotive propulsion: Variety, competition and policy implications. Technological Forecasting and Social Change, 2004, 71, 485-507.	6.2	88
124	The early development of the steam engine: an evolutionary interpretation using complexity theory. Industrial and Corporate Change, 2004, 13, 419-450.	1.7	88
125	A New Indicator of European Integration and an Application to Collaboration in Scientific Research. Economic Systems Research, 2002, 14, 345-361.	1.2	30
126	Europeanisation of science. Tijdschrift Voor Economische En Sociale Geografie, 2002, 93, 563-569.	1.2	3

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127	Fitness landscapes, heuristics and technological paradigms: A critique on random search models in evolutionary economics. AIP Conference Proceedings, 2001, , .	0.3	4
128	Scaling trajectories in civil aircraft (1913â€“1997). Research Policy, 2000, 29, 331-348.	3.3	84
129	A complexity approach to innovation networks. The case of the aircraft industry (1909â€“1997). Research Policy, 2000, 29, 257-272.	3.3	153
130	Variety and niche creation in aircraft, helicopters, motorcycles and microcomputers. Research Policy, 1999, 28, 469-488.	3.3	123
131	Interdependencies, Nearly-Decomposability and Adaptation. Advances in Computational Economics, 1999, , 145-165.	0.1	34
132	Variety in Web Spheres between Research Fields: Content and Function. SSRN Electronic Journal, 0, , .	0.4	0
133	A framework for mission-oriented innovation policy: Alternative pathways through the problemâ€“solution space. Science and Public Policy, 0, , .	1.2	36