

# Tom Broekel

## List of Publications by Year in descending order

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Version: 2024-02-01

56  
papers

2,203  
citations

236612

25  
h-index

243296

44  
g-index

56  
all docs

56  
docs citations

56  
times ranked

1324  
citing authors

#	ARTICLE	IF	CITATIONS
1	Knowledge networks in the Dutch aviation industry: the proximity paradox. <i>Journal of Economic Geography</i> , 2012, 12, 409-433.	1.6	409
2	Modeling knowledge networks in economic geography: a discussion of four methods. <i>Annals of Regional Science</i> , 2014, 53, 423-452.	1.0	126
3	What drives patent performance of German biotech firms? The impact of R&D subsidies, knowledge networks and their location. <i>Papers in Regional Science</i> , 2011, 90, 395-419.	1.0	115
4	Collaboration Intensity and Regional Innovation Efficiency in Germany – A Conditional Efficiency Approach. <i>Industry and Innovation</i> , 2012, 19, 155-179.	1.7	87
5	Do Cooperative Research and Development (R&D) Subsidies Stimulate Regional Innovation Efficiency? Evidence from Germany. <i>Regional Studies</i> , 2015, 49, 1087-1110.	2.5	86
6	Public research intensity and the structure of German R&D networks: a comparison of 10 technologies. <i>Economics of Innovation and New Technology</i> , 2012, 21, 345-372.	2.1	71
7	Regional Dynamics of Innovation: Investigating the Co-evolution of Patents, Research and Development (R&D), and Employment. <i>Regional Studies</i> , 2012, 46, 565-582.	2.5	67
8	The Co-evolution of Proximities – A Network Level Study. <i>Regional Studies</i> , 2015, 49, 921-935.	2.5	67
9	The new paradigm of economic complexity. <i>Research Policy</i> , 2022, 51, 104450.	3.3	65
10	Methodological Issues in Measuring Innovation Performance of Spatial Units. <i>Industry and Innovation</i> , 2011, 18, 7-37.	1.7	64
11	Another cluster premium: Innovation subsidies and R&D collaboration networks. <i>Research Policy</i> , 2015, 44, 1431-1444.	3.3	64
12	The Regional Dimension of Knowledge Transfers – A Behavioral Approach. <i>Industry and Innovation</i> , 2007, 14, 151-175.	1.7	61
13	Explaining the Structure of Inter-Organizational Networks using Exponential Random Graph Models. <i>Industry and Innovation</i> , 2013, 20, 277-295.	1.7	57
14	Network Structures in Regional Innovation Systems. <i>European Planning Studies</i> , 2016, 24, 423-442.	1.6	54
15	Regional factors and innovativeness: an empirical analysis of four German industries. <i>Annals of Regional Science</i> , 2011, 47, 169-194.	1.0	50
16	Gone with the wind? The impact of wind turbines on tourism demand. <i>Energy Policy</i> , 2015, 86, 506-519.	4.2	48
17	Technological complexity and economic growth of regions. <i>Research Policy</i> , 2022, 51, 104156.	3.3	45
18	Using structural diversity to measure the complexity of technologies. <i>PLoS ONE</i> , 2019, 14, e0216856.	1.1	41

#	ARTICLE	IF	CITATIONS
19	Determinants of Cross-Regional R&D Collaboration Networks: An Application of Exponential Random Graph Models. <i>Advances in Spatial Science</i> , 2013, , 49-70.	0.3	39
20	Factors Explaining the Spatial Agglomeration of the Creative Class: Empirical Evidence for German Artists. <i>European Planning Studies</i> , 2015, 23, 2438-2463.	1.6	34
21	New(s) data for entrepreneurship research? An innovative approach to use Big Data on media coverage. <i>Small Business Economics</i> , 2020, 55, 673-694.	4.4	34
22	Critical links in knowledge networks – What about proximities and gatekeeper organisations?. <i>Industry and Innovation</i> , 2018, 25, 919-939.	1.7	33
23	The innovation efficiency of German regions – a shared-input DEA approach. <i>Review of Regional Research</i> , 2018, 38, 77-109.	0.6	32
24	Aviation, Space or Aerospace? Exploring the Knowledge Networks of Two Industries in The Netherlands. <i>European Planning Studies</i> , 2011, 19, 1205-1227.	1.6	30
25	An Investigation of the Relation between Cooperation Intensity and the Innovative Success of German Regions. <i>Spatial Economic Analysis</i> , 2015, 10, 52-78.	0.8	29
26	Disentangling link formation and dissolution in spatial networks: An Application of a Two-Mode STERGM to a Project-Based R&D Network in the German Biotechnology Industry. <i>Networks and Spatial Economics</i> , 2018, 18, 677-704.	0.7	29
27	Happiness No Matter the Cost? An Examination on How Efficiently Individuals Reach Their Happiness Levels. <i>Journal of Happiness Studies</i> , 2012, 13, 621-645.	1.9	28
28	A shot in the dark? Policy influence on cluster networks. <i>Research Policy</i> , 2020, 49, 103920.	3.3	28
29	The role of universities in a network of subsidized R&D collaboration: The case of the biotechnology-industry in Germany. <i>Review of Regional Research</i> , 2017, 37, 135-160.	0.6	27
30	Firm growth and productivity growth: evidence from a panel VAR. <i>Applied Economics</i> , 2012, 44, 1251-1269.	1.2	25
31	Explaining the dynamics of relatedness: The role of co-location and complexity. <i>Papers in Regional Science</i> , 2021, 100, 3-21.	1.0	25
32	Applying a Non-parametric Efficiency Analysis to Measure Conversion Efficiency in Great Britain. <i>Journal of Human Development and Capabilities</i> , 2011, 12, 257-281.	1.2	22
33	Searching through the Haystack: The Relatedness and Complexity of Priorities in Smart Specialization Strategies. <i>Economic Geography</i> , 2021, 97, 497-520.	2.1	22
34	The structure and evolution of inter-sectoral technological complementarity in R&D in Germany from 1990 to 2011. <i>Journal of Evolutionary Economics</i> , 2015, 25, 755-785.	0.8	19
35	Institutional change and network evolution: explorative and exploitative tie formations of co-inventors during the dot-com bubble in the Research Triangle region. <i>Regional Studies</i> , 2017, 51, 1179-1191.	2.5	18
36	The relationship of policy induced R&D networks and inter-regional knowledge diffusion. <i>Journal of Evolutionary Economics</i> , 2019, 29, 1459-1481.	0.8	17

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37	Joint R&D Subsidies, Related Variety, and Regional Innovation. <i>International Regional Science Review</i> , 2017, 40, 297-326.	1.0	16
38	Subsidized to change? The impact of R&D policy on regional technological diversification. <i>Annals of Regional Science</i> , 2020, 65, 221-252.	1.0	16
39	The neglected dimension of well-being: Analyzing the development of "conversion efficiency" in Great Britain. <i>Journal of Socio-Economics</i> , 2012, 41, 37-47.	1.0	15
40	Still in the shadow of the wall? The case of the Berlin biotechnology cluster. <i>Environment and Planning A</i> , 2021, 53, 73-94.	2.1	14
41	The geography of innovation and technology news - An empirical study of the German news media. <i>Technological Forecasting and Social Change</i> , 2021, 167, 120692.	6.2	12
42	Does relatedness drive the diversification of countries' success in sports?. <i>European Sport Management Quarterly</i> , 2022, 22, 182-204.	2.3	9
43	The cognitive and geographical structure of knowledge links and how they influence firms' innovation performance. <i>Regional Statistics</i> , 2016, 6, 3-26.	0.4	9
44	A Concordance Between Industries and Technologies Matching the Technological Fields of the Patentatlas to the German Industry Classification. <i>SSRN Electronic Journal</i> , 0, , .	0.4	7
45	Measuring Regional Innovativeness - A Methodological Discussion and an Application to One German Industry. <i>SSRN Electronic Journal</i> , 0, , .	0.4	7
46	Pulled or pushed? The spatial diffusion of wind energy between local demand and supply. <i>Industrial and Corporate Change</i> , 2020, 29, 893-916.	1.7	6
47	Knowledge and its Economic Characteristics - A Conceptual Clarification. <i>SSRN Electronic Journal</i> , 0, , .	0.4	6
48	Knowledge and its Economic Characteristics: A Conceptual Clarification. , 2012, , .		5
49	Die Treiber der räumlichen Emergenz und Konzentration der Photovoltaik- Industrie in Deutschland. <i>Zeitschrift Fur Wirtschaftsgeographie</i> , 2015, 59, 133-150.	0.7	3
50	Evolutionary economics and policy: Introduction to the special issue. <i>Journal of Evolutionary Economics</i> , 2019, 29, 1373-1378.	0.8	3
51	Analyzing demand-side efficiency in global health: an application to maternal care in Vietnam. <i>Health Policy and Planning</i> , 2016, 31, 1281-1290.	1.0	2
52	Rethinking the role of local knowledge networks in territorial innovation models. <i>Industry and Innovation</i> , 2021, 28, 805-814.	1.7	2
53	The Spatial Patterns of Student Mobility Before, During and After the Bologna Process in Germany. <i>Tijdschrift Voor Economische En Sociale Geografie</i> , 2022, 113, 290-309.	1.2	2
54	Unrelated und Related Variety im Kontext Öffentlicher F&E: empirische Evidenz aus deutschen Arbeitsmarktreionen. <i>Zeitschrift Fur Wirtschaftsgeographie</i> , 2017, 61, 23-37.	0.7	1

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55	Einfluss von Windenergieanlagen auf die Entwicklung des Tourismus in Hessen. Zeitschrift Fur Wirtschaftsgeographie, 2018, 62, 46-64.	0.7	0
56	Zur Messung der Nutzung regionaler Potenziale beim Ausbau erneuerbarer Energien. Eine empirische Analyse deutscher Landkreise. Raumforschung Und Raumordnung   Spatial Research and Planning, 2019, 77, 617-638.	1.5	0