

Bart Verspagen

List of Publications by Year in descending order

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105
papers

8,369
citations

53660

45
h-index

54797

84
g-index

117
all docs

117
docs citations

117
times ranked

4104
citing authors

#	ARTICLE	IF	CITATIONS
1	Innovation studiesâ€”The emerging structure of a new scientific field. <i>Research Policy</i> , 2009, 38, 218-233.	3.3	391
2	The value of European patents. <i>European Management Review</i> , 2008, 5, 69-84.	2.2	382
3	Knowledge Spillovers in Europe: A Patent Citations Analysis. <i>Scandinavian Journal of Economics</i> , 2002, 104, 531-545.	0.7	368
4	Inventors and invention processes in Europe: Results from the PatVal-EU survey. <i>Research Policy</i> , 2007, 36, 1107-1127.	3.3	321
5	MAPPING TECHNOLOGICAL TRAJECTORIES AS PATENT CITATION NETWORKS: A STUDY ON THE HISTORY OF FUEL CELL RESEARCH. <i>International Journal of Modeling, Simulation, and Scientific Computing</i> , 2007, 10, 93-115.	0.9	320
6	Technology-gaps, innovation-diffusion and transformation: an evolutionary interpretation. <i>Research Policy</i> , 2002, 31, 1291-1304.	3.3	298
7	The Impact of EU Regional Support on Growth and Convergence in the European Union. <i>Journal of Common Market Studies</i> , 2003, 41, 621-644.	1.3	290
8	A new empirical approach to catching up or falling behind. <i>Structural Change and Economic Dynamics</i> , 1991, 2, 359-380.	2.1	281
9	Does it matter where patent citations come from? Inventor vs. examiner citations in European patents. <i>Research Policy</i> , 2008, 37, 1892-1908.	3.3	247
10	Heading for Divergence? Regional Growth in Europe Reconsidered*. <i>Journal of Common Market Studies</i> , 1996, 34, 431-448.	1.3	237
11	Intellectual property rights, strategic technology agreements and market structure. <i>Research Policy</i> , 2002, 31, 1141-1161.	3.3	218
12	Manufacturing and economic growth in developing countries, 1950â€”2005. <i>Structural Change and Economic Dynamics</i> , 2015, 34, 46-59.	2.1	211
13	Innovation and Economic Development. <i>Handbook of the Economics of Innovation</i> , 2010, , 833-872.	1.6	208
14	Measuring Intersectoral Technology Spillovers: Estimates from the European and US Patent Office Databases. <i>Economic Systems Research</i> , 1997, 9, 47-65.	1.2	184
15	Systems of Innovation. <i>Handbook of the Economics of Innovation</i> , 2010, , 1159-1180.	1.6	174
16	Technology, Growth and Unemployment across European Regions. <i>Regional Studies</i> , 1997, 31, 457-466.	2.5	169
17	The size distribution of innovations revisited: An application of extreme value statistics to citation and value measures of patent significance. <i>Journal of Econometrics</i> , 2007, 139, 318-339.	3.5	166
18	The role of technology in market shares dynamics. <i>Applied Economics</i> , 1995, 27, 197-204.	1.2	157

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19	Mapping technological trajectories as patent citation networks. An application to data communication standards. <i>Economics of Innovation and New Technology</i> , 2009, 18, 311-336.	2.1	154
20	Role of home and host country innovation systems in r&d internationalisation: a patent citation analysis. <i>Economics of Innovation and New Technology</i> , 2005, 14, 417-433.	2.1	145
21	The small worlds of strategic technology alliances. <i>Technovation</i> , 2004, 24, 563-571.	4.2	142
22	R&D spillovers and productivity: Evidence from U.S. manufacturing microdata. <i>Empirical Economics</i> , 2000, 25, 127-148.	1.5	132
23	Estimating international technology spillovers using technology flow matrices. <i>Review of World Economics</i> , 1997, 133, 226-248.	0.9	126
24	Innovation strategies as a source of persistent innovation. <i>Industrial and Corporate Change</i> , 2012, 21, 553-585.	1.7	123
25	Demand and innovation: Schmookler re-examined. <i>Research Policy</i> , 1990, 19, 387-394.	3.3	122
26	UNIVERSITY RESEARCH, INTELLECTUAL PROPERTY RIGHTS AND EUROPEAN INNOVATION SYSTEMS. <i>Journal of Economic Surveys</i> , 2006, 20, 607-632.	3.7	116
27	Endogenous innovation in neoclassical growth models: A survey. <i>Journal of Macroeconomics</i> , 1992, 14, 631-662.	0.7	112
28	Knowledge flows – Analyzing the core literature of innovation, entrepreneurship and science and technology studies. <i>Research Policy</i> , 2012, 41, 1205-1218.	3.3	105
29	Institutions, Foreign Direct Investment, and Domestic Investment: Crowding Out or Crowding In?. <i>World Development</i> , 2016, 88, 1-9.	2.6	105
30	R&D and productivity: A broad cross-section cross-country look. <i>Journal of Productivity Analysis</i> , 1995, 6, 117-135.	0.8	99
31	The spatial dimension of patenting by multinational firms in europe. <i>Journal of Economic Geography</i> , 2004, 4, 23-42.	1.6	95
32	Intellectual property rights and standardization: the case of GSM. <i>Telecommunications Policy</i> , 2002, 26, 171-188.	2.6	93
33	The evolution of Norway's national innovation system. <i>Science and Public Policy</i> , 2009, 36, 431-444.	1.2	92
34	Learning, Innovation and Economic Growth: A Long-run Model of Industrial Dynamics. <i>Industrial and Corporate Change</i> , 1994, 3, 199-223.	1.7	90
35	Collective learning, innovation and growth in a boundedly rational, evolutionary world. <i>Journal of Evolutionary Economics</i> , 1994, 4, 207-226.	0.8	87
36	Technology and the dynamics of industrial structures: an empirical mapping of Dutch manufacturing. <i>Industrial and Corporate Change</i> , 2002, 11, 791-815.	1.7	87

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37	The Voyage of the Beagle into innovation: explorations on heterogeneity, selection, and sectors. <i>Industrial and Corporate Change</i> , 2012, 21, 1221-1253.	1.7	83
38	Barriers to knowledge spillovers and regional convergence in an evolutionary model. <i>Journal of Evolutionary Economics</i> , 2001, 11, 307-329.	0.8	81
39	A percolation model of innovation in complex technology spaces. <i>Journal of Economic Dynamics and Control</i> , 2005, 29, 225-244.	0.9	78
40	Technology Spillovers between Sectors. <i>Technological Forecasting and Social Change</i> , 1999, 60, 215-235.	6.2	77
41	Performance of the Dutch Energy Sector based on energy, exergy and Extended Exergy Accounting. <i>Energy</i> , 2006, 31, 3135-3144.	4.5	77
42	Innovation, growth and economic development: have the conditions for catch-up changed?. <i>International Journal of Technological Learning, Innovation and Development</i> , 2007, 1, 13.	0.1	72
43	Large Firms and Knowledge Flows in the Dutch R&D System: A Case Study of Philips Electronics. <i>Technology Analysis and Strategic Management</i> , 1999, 11, 211-233.	2.0	68
44	The structure of adjustment costs for labour in the Dutch manufacturing sector. <i>Economics Letters</i> , 1989, 29, 365-371.	0.9	65
45	Evaluating the innovation box tax policy instrument in the Netherlands, 2007-2013. <i>Oxford Review of Economic Policy</i> , 2017, 33, 141-156.	1.0	55
46	The medium-term effect of R&D on firm growth. <i>Small Business Economics</i> , 2015, 45, 39-62.	4.4	52
47	Trade and Technology from a Schumpeterian Perspective. <i>International Review of Applied Economics</i> , 1997, 11, 181-194.	1.3	47
48	Evolutionary theorizing on economic growth. , 2005, , 506-539.		46
49	The motivations, institutions and organization of university-industry collaborations in the Netherlands. <i>Journal of Evolutionary Economics</i> , 2017, 27, 379-412.	0.8	46
50	An evolutionary model of long term cyclical variations of catching up and falling behind. <i>Journal of Evolutionary Economics</i> , 1995, 5, 209-227.	0.8	40
51	University IPRs and knowledge transfer: is university ownership more efficient?. <i>Economics of Innovation and New Technology</i> , 2010, 19, 627-648.	2.1	40
52	The early diffusion of the steam engine in Britain, 1700-1800: a reappraisal. <i>Cliometrica</i> , 2011, 5, 291-321.	1.3	38
53	Breaking the waves: a Poisson regression approach to Schumpeterian clustering of basic innovations. <i>Cambridge Journal of Economics</i> , 2003, 27, 671-693.	0.8	35
54	Knowledge Flows, Patent Citations and the Impact of Science on Technology. <i>Economic Systems Research</i> , 2008, 20, 339-366.	1.2	35

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55	Formal and informal external linkages and firms'™ innovative strategies. A cross-country comparison. <i>Journal of Evolutionary Economics</i> , 2011, 21, 91-119.	0.8	31
56	Keith Pavitt and the Invisible College of the Economics of Technology and Innovation. <i>Research Policy</i> , 2004, 33, 1419-1431.	3.3	30
57	The spatial hierarchy of technological change and economic development in Europe. <i>Annals of Regional Science</i> , 2010, 45, 109-132.	1.0	30
58	THE EVOLUTION OF PRODUCTIVITY GAPS AND SPECIALIZATION PATTERNS. <i>Metroeconomica</i> , 2006, 57, 464-493.	0.5	27
59	The use of modeling tools for policy in evolutionary environments. <i>Technological Forecasting and Social Change</i> , 2009, 76, 453-461.	6.2	27
60	Intellectual Property Rights in the World Economy. , 2003, , 489-518.		27
61	Technical choice, innovation, and British steam engineering, 1800'™50¹. <i>Economic History Review</i> , 2009, 62, 685-710.	0.7	26
62	'™Modern Capitalism'™ in the 1970s and 1980s. , 1999, , 113-126.		26
63	Convergence in the global economy. A broad historical viewpoint. <i>Structural Change and Economic Dynamics</i> , 1995, 6, 143-165.	2.1	23
64	The Role of Structural Change in the Economic Development of Asian Economies. <i>Asian Development Review</i> , 2016, 33, 74-93.	0.8	22
65	R&D and market structure: The impact of measurement and aggregation problems. <i>Small Business Economics</i> , 1989, 1, 297-301.	4.4	21
66	Diffusion paths for micro cogeneration using hydrogen in the Netherlands. <i>Journal of Cleaner Production</i> , 2008, 16, S124-S132.	4.6	18
67	R&D-based economic growth in a supermultiplier model. <i>Structural Change and Economic Dynamics</i> , 2021, 59, 1-19.	2.1	17
68	The economic value of patent portfolios. <i>Journal of Economics and Management Strategy</i> , 2017, 26, 735-756.	0.4	16
69	The Role of Large Multinationals in the Dutch Technology Infrastructure. A Patent Citation Analysis. <i>Scientometrics</i> , 2000, 47, 427-448.	1.6	15
70	Economic impact of public R&D: an international perspective. <i>Industrial and Corporate Change</i> , 2022, 31, 1-18.	1.7	15
71	Localized innovation, localized diffusion and the environment: an analysis of reductions of CO2 emissions by passenger cars. <i>Journal of Evolutionary Economics</i> , 2009, 19, 507-526.	0.8	14
72	The productivity effect of public R&D in the Netherlands. <i>Economics of Innovation and New Technology</i> , 2020, 29, 31-47.	2.1	13

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73	Lean's Engine Reporterand the Development of the Cornish Engine: A Reappraisal. International Journal for the History of Engineering & Technology, 2007, 77, 167-189.	0.4	11
74	An Introduction to the Analysis of Systems of Innovation: Scientific and Technological Interdependencies. Economic Systems Research, 2002, 14, 315-322.	1.2	10
75	Self-organization of R&D search in complex technology spaces. Journal of Economic Interaction and Coordination, 2007, 2, 211-229.	0.4	9
76	Formal and Informal External Linkages and Firms' Innovative Strategies: A Cross-Country Comparison. , 2011, , 119-145.		9
77	Productivity, R&D Spillovers and Trade. , 2000, , 345-360.		9
78	Innovation's diffusion, the economy and contemporary challenges: a comment. Industrial and Corporate Change, 2020, 29, 1067-1073.	1.7	8
79	Structural Change and Technology: A Long View. Revue Economique, 2004, 55, 1099.	0.1	7
80	Decomposing Total Factor Productivity Growth in Manufacturing and Services. Asian Development Review, 2017, 34, 88-115.	0.8	7
81	Demand, credit and macroeconomic dynamics. A micro simulation model. Journal of Evolutionary Economics, 2019, 29, 337-364.	0.8	7
82	Long Memory and Economic Growth in the World Economy Since the 19th Century. Lecture Notes in Physics, 2003, , 270-285.	0.3	7
83	The CDM framework: knowledge recombination from an evolutionary viewpoint. Economics of Innovation and New Technology, 2017, 26, 21-41.	2.1	6
84	Job Automation Risk, Economic Structure and Trade: a European Perspective. Research Policy, 2021, 50, 104269.	3.3	6
85	An evolutionary model of long term cyclical variations of catching up and falling behind. , 1996, , 29-47.		6
86	River deep, mountain high: of long run knowledge trajectories within and between innovation clusters. Journal of Economic Geography, 2016, , lbw035.	1.6	5
87	Regional Disparities in Income and Unemployment in Europe. Advances in Spatial Science, 2003, , 323-350.	0.3	5
88	1 Introduction: Innovation in Norway. , 2009, , 1-30.		5
89	Technological and social factors in long term fluctuations. Structural Change and Economic Dynamics, 1993, 4, 210-213.	2.1	4
90	Perpetual growth, the labor share, and robots. Economics of Innovation and New Technology, 2020, 29, 540-558.	2.1	4

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91	A Global Perspective on Technology and Economic Performance, and the Implications for the Post-Socialist Countries. NATO ASI Series Partnership Sub-series 4, Science and Technology Policy, 1999, , 27-44.	0.1	4
92	Spatial Distance in a Technology Gap Model. Advances in Spatial Science, 2003, , 159-182.	0.3	3
93	The diffusion of the steam engine in eighteenth-century Britain. , 2006, , .		3
94	Innovation, qualitative change and economic developmentâ€™Special issue in honour of Pier-Paolo Saviotti. Structural Change and Economic Dynamics, 2010, 21, 1-4.	2.1	2
95	Analyzing knowledge flows by means of vertical integration. , 2012, , 88-124.		2
96	Historical Fingerprints? A Taxonomy of Norwegian Innovation. , 2009, , 116-146.		2
97	The Role of Innovation in Structural Change, Economic Development, and the Labor Market. , 2020, , 1-14.		2
98	Innovation and economic growth theory: a Schumpeterian legacy and agenda. , 0, , 42-63.		1
99	THE ANALYSIS AND MEASUREMENT OF ECONOMIC GROWTH. Review of Income and Wealth, 1998, 44, 143-149.	1.5	1
100	The Dynamics of Innovation Strategies. , 2012, , 38-56.		1
101	Ups and downsâ€™the long wave debate. Futures, 1989, 21, 295-297.	1.4	0
102	Dutch foreign trade and the neo-technology hypothesis a note. De Economist, 1990, 138, 73-77.	0.9	0
103	Catch-up and convergence: on the pitfalls of the social capability to catch up. A comment on Bruno Amable. International Review of Applied Economics, 1995, 9, 96-98.	1.3	0
104	INTRODUCTION TO THE <i>MACROECONOMIC DYNAMICS</i> SPECIAL ISSUE ON TECHNOLOGY ASPECTS IN THE PROCESS OF DEVELOPMENT. Macroeconomic Dynamics, 2016, 20, 1953-1956.	0.6	0
105	The Selection of Behavioral Conventions in an Evolutionary Model of Economic Dynamics. Lecture Notes in Economics and Mathematical Systems, 1997, , 196-214.	0.3	0