Bart Verspagen

List of Publications by Citations

105 papers	6,031 citations	43 h-index	77 g-index
117 ext. papers	7,110 ext. citations	3 avg, IF	6.24 L-index

#	Paper	IF	Citations
105	Innovation studies: The emerging structure of a new scientific field. *Research Policy*, **2009**, 38, 218-233	7.5	309
104	Knowledge Spillovers in Europe: A Patent Citations Analysis. *Scandinavian Journal of Economics*, **2002**, 104, 531-545	1	288
103	The value of European patents. *European Management Review*, **2008**, 5, 69-84	2.1	261
102	MAPPING TECHNOLOGICAL TRAJECTORIES AS PATENT CITATION NETWORKS: A STUDY ON THE HISTORY OF FUEL CELL RESEARCH. *International Journal of Modeling, Simulation, and Scientific Computing*, **2007**, 10, 93-115	0.8	252
101	Inventors and invention processes in Europe: Results from the PatVal-EU survey. *Research Policy*, **2007**, 36, 1107-1127	7.5	232
100	A new empirical approach to catching up or falling behind. *Structural Change and Economic Dynamics*, **1991**, 2, 359-380	4.5	223
99	The Impact of EU Regional Support on Growth and Convergence in the European Union. *Journal of Common Market Studies*, **2003**, 41, 621-644	1.4	212
98	Technology-gaps, innovation-diffusion and transformation: an evolutionary interpretation. *Research Policy*, **2002**, 31, 1291-1304	7.5	195
97	Does it matter where patent citations come from? Inventor vs. examiner citations in European patents. *Research Policy*, **2008**, 37, 1892-1908	7.5	188
96	Heading for Divergence? Regional Growth in Europe Reconsidered*. *Journal of Common Market Studies*, **1996**, 34, 431-448	1.4	174
95	Intellectual property rights, strategic technology agreements and market structure. *Research Policy* , **2002**, 31, 1141-1161	7.5	154
94	Technology, Growth and Unemployment across European Regions. *Regional Studies*, **1997**, 31, 457-466	3.4	139
93	Measuring Intersectoral Technology Spillovers: Estimates from the European and US Patent Office Databases. *Economic Systems Research*, **1997**, 9, 47-65	2.1	127
92	Manufacturing and economic growth in developing countries, 1950–2005. *Structural Change and Economic Dynamics*, **2015**, 34, 46-59	4.5	126
91	The role of technology in market shares dynamics. *Applied Economics*, **1995**, 27, 197-204	1.6	126
90	Innovation and Economic Development. *Handbook of the Economics of Innovation*, **2010**, 833-872		125
89	The size distribution of innovations revisited: An application of extreme value statistics to citation and value measures of patent significance. *Journal of Econometrics*, **2007**, 139, 318-339	2.6	115

88	Mapping technological trajectories as patent citation networks. An application to data communication standards. *Economics of Innovation and New Technology*, **2009**, 18, 311-336	1.6	114
87	Role of home and host country innovation systems in r&d internationalisation: a patent citation analysis. *Economics of Innovation and New Technology*, **2005**, 14, 417-433	1.6	110
86	The small worlds of strategic technology alliances. *Technovation*, **2004**, 24, 563-571	7.9	102
85	UNIVERSITY RESEARCH, INTELLECTUAL PROPERTY RIGHTS AND EUROPEAN INNOVATION SYSTEMS. *Journal of Economic Surveys*, **2006**, 20, 607-632	3.8	101
84	R&D spillovers and productivity: Evidence from U.S. manufacturing microdata. *Empirical Economics*, **2000**, 25, 127-148	1.2	97
83	Demand and innovation: Schmookler re-examined. *Research Policy*, **1990**, 19, 387-394	7.5	97
82	Estimating international technology spillovers using technology flow matrices. *Review of World Economics*, **1997**, 133, 226-248	1.5	96
81	Innovation strategies as a source of persistent innovation. *Industrial and Corporate Change*, **2012**, 21, 553-585	2.1	87
80	Endogenous innovation in neoclassical growth models: A survey. *Journal of Macroeconomics*, **1992**, 14, 631-662	1.3	87
79	The spatial dimension of patenting by multinational firms in europe. *Journal of Economic Geography* , **2004**, 4, 23-42	3.7	77
78	Systems of Innovation. *Handbook of the Economics of Innovation*, **2010**, 1159-1180		75
77	Intellectual property rights and standardization: the case of GSM. *Telecommunications Policy*, **2002**, 26, 171-188	4	73
76	R&D and productivity: A broad cross-section cross-country look. *Journal of Productivity Analysis*, **1995**, 6, 117-135	1.8	72
75	Knowledge flows Analyzing the core literature of innovation, entrepreneurship and science and technology studies. *Research Policy*, **2012**, 41, 1205-1218	7.5	71
74	Learning, Innovation and Economic Growth: A Long-run Model of Industrial Dynamics. *Industrial and Corporate Change*, **1994**, 3, 199-223	2.1	71
73	Collective learning, innovation and growth in a boundedly rational, evolutionary world. *Journal of Evolutionary Economics*, **1994**, 4, 207-226	1.9	70
72	The evolution of Norway's national innovation system. *Science and Public Policy*, **2009**, 36, 431-444	1.8	69
71	Institutions, Foreign Direct Investment, and Domestic Investment: Crowding Out or Crowding In?. *World Development*, **2016**, 88, 1-9	5.5	68

70	Performance of the Dutch Energy Sector based on energy, exergy and Extended Exergy Accounting. *Energy*, **2006**, 31, 3135-3144	7.9	66
69	The Voyage of the Beagle into innovation: explorations on heterogeneity, selection, and sectors. *Industrial and Corporate Change*, **2012**, 21, 1221-1253	2.1	65
68	Technology and the dynamics of industrial structures: an empirical mapping of Dutch manufacturing. *Industrial and Corporate Change*, **2002**, 11, 791-815	2.1	65
67	A percolation model of innovation in complex technology spaces. *Journal of Economic Dynamics and Control*, **2005**, 29, 225-244	1.3	64
66	Technology Spillovers between Sectors. *Technological Forecasting and Social Change*, **1999**, 60, 215-235	9.5	60
65	Barriers to knowledge spillovers and regional convergence in an evolutionary model. *Journal of Evolutionary Economics*, **2001**, 11, 307-329	1.9	59
64	The structure of adjustment costs for labour in the Dutch manufacturing sector. *Economics Letters*, **1989**, 29, 365-371	1.3	54
63	Large Firms and Knowledge Flows in the Dutch R&D System: A Case Study of Philips Electronics. *Technology Analysis and Strategic Management*, **1999**, 11, 211-233	3.2	45
62	Innovation, growth and economic development: have the conditions for catch-up changed?. *International Journal of Technological Learning, Innovation and Development*, **2007**, 1, 13	0.6	41
61	The medium-term effect of R&D on firm growth. *Small Business Economics*, **2015**, 45, 39-62	5.3	39
60	Innovation, Path Dependency, and Policy **2009**,		39
59	Evaluating the innovation box tax policy instrument in the Netherlands, 2007–13. *Oxford Review of Economic Policy*, **2017**, 33, 141-156	6.3	36
58	Trade and Technology from a Schumpeterian Perspective. *International Review of Applied Economics*, **1997**, 11, 181-194	1	36
57	An evolutionary model of long term cyclical variations of catching up and falling behind. *Journal of Evolutionary Economics*, **1995**, 5, 209-227	1.9	30
56	Keith Pavitt and the Invisible College of the Economics of Technology and Innovation. *Research Policy*, **2004**, 33, 1419-1431	7.5	29
55	The motivations, institutions and organization of university-industry collaborations in the Netherlands. *Journal of Evolutionary Economics*, **2017**, 27, 379-412	1.9	28
54	University IPRs and knowledge transfer: is university ownership more efficient?. *Economics of Innovation and New Technology*, **2010**, 19, 627-648	1.6	28
53	Knowledge Flows, Patent Citations and the Impact of Science on Technology. *Economic Systems Research*, **2008**, 20, 339-366	2.1	28

52	The early diffusion of the steam engine in Britain, 1700–1800: a reappraisal. *Cliometrica*, **2011**, 5, 291-321	1.5	27
51	Breaking the waves: a Poisson regression approach to Schumpeterian clustering of basic innovations. *Cambridge Journal of Economics*, **2003**, 27, 671-693	1.4	27
50	Formal and informal external linkages and firms' innovative strategies. A cross-country comparison. *Journal of Evolutionary Economics*, **2011**, 21, 91-119	1.9	25
49	The use of modeling tools for policy in evolutionary environments. *Technological Forecasting and Social Change*, **2009**, 76, 453-461	9.5	24
48	THE EVOLUTION OF PRODUCTIVITY GAPS AND SPECIALIZATION PATTERNS. *Metroeconomica*, **2006**, 57, 464-493	0.9	22
47	The spatial hierarchy of technological change and economic development in Europe. *Annals of Regional Science*, **2010**, 45, 109-132	1.1	20
46	Convergence in the global economy. A broad historical viewpoint. *Structural Change and Economic Dynamics*, **1995**, 6, 143-165	4.5	20
45	Evolutionary theorizing on economic growth **2005**, 506-539		19
44	Technical choice, innovation, and British steam engineering, 1800–01. *Economic History Review*, **2009**, 62, 685-710	1.7	18
43	Diffusion paths for micro cogeneration using hydrogen in the Netherlands. *Journal of Cleaner Production*, **2008**, 16, S124-S132	10.3	17
42	R&D and market structure: The impact of measurement and aggregation problems. *Small Business Economics*, **1989**, 1, 297-301	5.3	17
41	Innovation and Economic Growth **2006**,		17
40	Modern Capitalism in the 1970s and 1980s **1999**, 113-126		16
39	The Role of Structural Change in the Economic Development of Asian Economies. *Asian Development Review*, **2016**, 33, 74-93	0.7	14
38	The Role of Large Multinationals in the Dutch Technology Infrastructure. A Patent Citation Analysis. *Scientometrics*, **2000**, 47, 427-448	3	11
37	Localized innovation, localized diffusion and the environment: an analysis of reductions of CO2 emissions by passenger cars. *Journal of Evolutionary Economics*, **2009**, 19, 507-526	1.9	10
36	Structural Change and Technology. *Revue Economique*, **2004**, 55, 1099	0.2	10
35	The productivity effect of public R&D in the Netherlands. *Economics of Innovation and New Technology*, **2020**, 29, 31-47	1.6	10

34	Self-organization of R&D search in complex technology spaces. *Journal of Economic Interaction and Coordination*, **2007**, 2, 211-229	1.1	8
33	Lean's Engine Reporter and the Development of the Cornish Engine: A Reappraisal. *International Journal for the History of Engineering & Technology*, **2007**, 77, 167-189		8
32	The economic value of patent portfolios. *Journal of Economics and Management Strategy*, **2017**, 26, 735	1.9	7
31	Structural Change and Technology: A Long View. *Revue Economique*, **2004**, 55, 1099	0.2	7
30	Economic impact of public R&D: an international perspective. *Industrial and Corporate Change*,	2.1	6
29	Decomposing Total Factor Productivity Growth in Manufacturing and Services. *Asian Development Review*, **2017**, 34, 88-115	0.7	5
28	An Introduction to the Analysis of Systems of Innovation: Scientific and Technological Interdependencies. *Economic Systems Research*, **2002**, 14, 315-322	2.1	5
27	Innovation□iffusion, the economy and contemporary challenges: a comment. *Industrial and Corporate Change*, **2020**, 29, 1067-1073	2.1	5
26	Demand, credit and macroeconomic dynamics. A micro simulation model. *Journal of Evolutionary Economics*, **2019**, 29, 337-364	1.9	5
25	Productivity, R&D Spillovers and Trade **2000**, 345-360		5
24	River deep, mountain high: of long run knowledge trajectories within and between innovation clusters. *Journal of Economic Geography*, **2016**, lbw035	3.7	4
23	The CDM framework: knowledge recombination from an evolutionary viewpoint. *Economics of Innovation and New Technology*, **2017**, 26, 21-41	1.6	4
22	Technological and social factors in long term fluctuations. *Structural Change and Economic Dynamics*, **1993**, 4, 210-213	4.5	4
21	Perpetual growth, the labor share, and robots. *Economics of Innovation and New Technology*, **2020**, 29, 540-558	1.6	4
20	Long Memory and Economic Growth in the World Economy Since the 19th Century. *Lecture Notes in Physics*, **2003**, 270-285	0.8	4
19	Formal and Informal External Linkages and Firms□Innovative Strategies: A Cross-Country Comparison **2011**, 119-145		3
18	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		3
17	Introduction: Innovation in Norway **2009**, 1-30		3

16	Analyzing knowledge flows by means of vertical integration88-124		2
15	Industrial policy in the European Union346-396		2
14	The Role of Innovation in Structural Change, Economic Development, and the Labor Market **2020**, 1-14		2
13	Innovation, qualitative change and economic developmentSpecial issue in honour of Pier-Paolo Saviotti. *Structural Change and Economic Dynamics*, **2010**, 21, 1-4	4.5	1
12	THE ANALYSIS AND MEASUREMENT OF ECONOMIC GROWTH. *Review of Income and Wealth*, **1998**, 44, 143-149	1.6	1
11	Spatial Distance in a Technology Gap Model. *Advances in Spatial Science*, **2003**, 159-182	0.4	1
10	Regional Disparities in Income and Unemployment in Europe. *Advances in Spatial Science*, **2003**, 323-350	0.4	1
9	Job Automation Risk, Economic Structure and Trade: a European Perspective. *Research Policy*, **2021**, 50, 104269	7.5	1
8	Intellectual Property Rights in the World Economy **2003**, 489-518		1
7	R&D-based economic growth in a supermultiplier model. *Structural Change and Economic Dynamics*, **2021**, 59, 1-19	4.5	0
6	INTRODUCTION TO THE MACROECONOMIC DYNAMICS SPECIAL ISSUE ON TECHNOLOGY ASPECTS IN THE PROCESS OF DEVELOPMENT. *Macroeconomic Dynamics*, **2016**, 20, 1953-1956	0.6	
5	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	
4	Dutch foreign trade and the neo-technology hypothesis a note. *De Economist*, **1990**, 138, 73-77	1	
3	Innovation and economic growth theory: a Schumpeterian legacy and agenda42-63		
2	An evolutionary model of long term cyclical variations of catching up and falling behind **1996**, 29-47		
1	The Selection of Behavioral Conventions in an Evolutionary Model of Economic Dynamics. *Lecture Notes in Economics and Mathematical Systems*, **1997**, 196-214	0.4	