Cristiano Antonelli

List of Publications by Year
in descending order

144	3,670	147726	182361
papers	citations	31 h-index	51 g-index

162	162	162	1773
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Collective Knowledge Communication and Innovation: The Evidence of Technological Districts. Regional Studies, 2000, 34, 535-547.	2.5	262
2	The economics of path-dependence in industrial organization. International Journal of Industrial Organization, 1997, 15, 643-675.	0.6	152
3	Localized technological change, new information technology and the knowledge-based economy: The European evidence. Journal of Evolutionary Economics, 1998, 8, 177-198.	0.8	123
4	The Economics of Localized Technological Change and Industrial Dynamics. Economics of Science, Technology and Innovation, 1995, , .	0.2	117
5	Models of knowledge and systems of governance. Journal of Institutional Economics, 2005, 1, 51-73.	1.3	111
6	A failure-inducement model of research and development expenditure. Journal of Economic Behavior and Organization, 1989, 12, 159-180.	1.0	107
7	The Business Governance of Localized Knowledge: An Information Economics Approach for the Economics of Knowledge. Industry and Innovation, 2006, 13, 227-261.	1.7	103
8	The "Matthew effect" in R&D public subsidies: The Italian evidence. Technological Forecasting and Social Change, 2013, 80, 1523-1534.	6.2	94
9	Inside innovation persistence: New evidence from Italian micro-data. Structural Change and Economic Dynamics, 2012, 23, 341-353.	2.1	85
10	Recombinant knowledge and growth: The case of ICTs. Structural Change and Economic Dynamics, 2010, 21, 50-69.	2.1	82
11	The economics of innovation: from the classical legacies to the economics of complexity. Economics of Innovation and New Technology, 2009, 18, 611-646.	2.1	80
12	Localized technological change and the evolution of standards as economic institutions. Information Economics and Policy, 1994, 6, 195-216.	1.7	79
13	The digital divide: understanding the economics of new information and communication technology in the global economy. Information Economics and Policy, 2003, 15, 173-199.	1.7	78
14	Internal and external factors in innovation persistence. Economics of Innovation and New Technology, 2013, 22, 256-280.	2.1	77
15	Productivity Growth and Pecuniary Knowledge Externalities: An Empirical Analysis of Agglomeration Economies in European Regions. Economic Geography, 2011, 87, 23-50.	2.1	73
16	Technological change, rent and income inequalities: A Schumpeterian approach. Technological Forecasting and Social Change, 2017, 115, 85-98.	6.2	72
17	Localized knowledge percolation processes and information networks. Journal of Evolutionary Economics, 1996, 6, 281-295.	0.8	56
18	Induced Adoption and Externalities in the Regional Diffusion of Information Technology. Regional Studies, 1990, 24, 31-40.	2.5	55

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19	Technological districts localized spillovers and productivity growth. The Italian evidence on technological externalities in the core regions. International Review of Applied Economics, 1994, 8, 18-30.	1.3	51
20	Pecuniary knowledge externalities: the convergence of directed technological change and the emergence of innovation systems. Industrial and Corporate Change, 2008, 17, 1049-1070.	1.7	49
21	The new economics of the university: a knowledge governance approach. Journal of Technology Transfer, 2008, 33, 1-22.	2.5	48
22	Diffusion as a Process of Creative Adoption. Journal of Technology Transfer, 2006, 31, 211-226.	2.5	46
23	Knowledge Complementarity and Fungeability: Implications for Regional Strategy. Regional Studies, 2003, 37, 595-606.	2.5	45
24	Information and communication technologies and the production, distribution and use of knowledge. International Journal of Technology Management, 2000, 20, 72.	0.2	42
25	External and Internal Knowledge in the Knowledge Generation Function. Industry and Innovation, 2015, 22, 273-298.	1.7	42
26	Technological knowledge as an essential facility. Journal of Evolutionary Economics, 2007, 17, 451-471.	0.8	41
27	The effects of biased technological change on total factor productivity: empirical evidence from a sample of OECD countries. Journal of Technology Transfer, 2010, 35, 361-383.	2.5	41
28	Technological congruence and the economic complexity of technological change. Structural Change and Economic Dynamics, 2016, 38, 15-24.	2.1	41
29	Investment and adoption in advanced telecommunications. Journal of Economic Behavior and Organization, 1993, 20, 227-245.	1.0	38
30	The international diffusion of new information technologies. Research Policy, 1986, 15, 139-147.	3.3	37
31	Localized technological change and factor markets: constraints and inducements to innovation. Structural Change and Economic Dynamics, 2006, 17, 224-247.	2.1	37
32	Knowledge composition, Jacobs externalities and innovation performance in European regions. Regional Studies, 2017, 51, 1708-1720.	2.5	33
33	The Governance of Interactive Learning within Innovation Systems. Urban Studies, 2002, 39, 1051-1063.	2.2	31
34	The system dynamics of collective knowledge: From gradualism and saltationism to punctuated change. Journal of Economic Behavior and Organization, 2007, 62, 215-236.	1.0	29
35	The generation and exploitation of technological change: market value and total factor productivity. Journal of Technology Transfer, 2011, 36, 353-382.	2.5	29
36	The diffusion of an organizational innovation. International Journal of Industrial Organization, 1985, 3, 109-118.	0.6	27

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37	The mechanisms of knowledge governance: State owned enterprises and Italian economic growth, 1950â€“1994. Structural Change and Economic Dynamics, 2014, 31, 43-63.	2.1	27
38	The economics of the light economy. Technological Forecasting and Social Change, 2014, 87, 89-107.	6.2	25
39	Firms size and directed technological change. Small Business Economics, 2015, 44, 207-218.	4.4	25
40	The role of technological expectations in a mixed model of international diffusion of process innovations: The case of open-end spinning rotors. Research Policy, 1989, 18, 273-288.	3.3	24
41	New Information Technology and the Knowledge-Based Economy. The Italian Evidence. Review of Industrial Organization, 1997, 12, 593-607.	0.4	24
42	Out-of-equilibrium profit and innovation. Economics of Innovation and New Technology, 2011, 20, 405-421.	2.1	23
43	Knowledge Governance. Economic Development Quarterly, 2013, 27, 62-70.	0.6	23
44	Productivity growth persistence: firm strategies, size and system properties. Small Business Economics, 2015, 45, 129-147.	4.4	23
45	Complexity and technological change: knowledge interactions and firm level total factor productivity. Journal of Evolutionary Economics, 2013, 23, 77-96.	0.8	22
46	The knowledge cost function. International Journal of Production Economics, 2015, 168, 290-302.	5.1	22
47	Digital knowledge generation and the appropriability trade-off. Telecommunications Policy, 2017, 41, 991-1002.	2.6	22
48	Knowledge complexity and the mechanisms of knowledge generation and exploitation: The European evidence. Research Policy, 2022, 51, 104081.	3.3	22
49	Knowledge-intensive property rights and the evolution of venture capitalism. Journal of Institutional Economics, 2008, 4, 163-182.	1.3	21
50	The effects of biased technological changes on total factor productivity: a rejoinder and new empirical evidence. Journal of Technology Transfer, 2014, 39, 281-299.	2.5	21
51	The role of external knowledge(s) in the introduction of product and process innovations. R and D Management, 2016, 46, 979-991.	3.0	21
52	Externalities and complementarities in telecommunications dynamics. International Journal of Industrial Organization, 1993, 11, 437-447.	0.6	20
53	Endogenous innovation: the creative response. Economics of Innovation and New Technology, 2017, 26, 689-718.	2.1	19
54	The locus of knowledge externalities and the cost of knowledge. Regional Studies, 2017, 51, 1151-1164.	2.5	19

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55	THE GOVERNANCE OF KNOWLEDGE COMPOSITENESS AND TECHNOLOGICAL PERFORMANCE: THE CASE OF THE AUTOMOTIVE INDUSTRY IN EUROPE. Economics of Innovation and New Technology, 2008, 17, 23-41.	2.1	17
56	The new direction of technological change in the global economy. Structural Change and Economic Dynamics, 2020, 52, 1-12.	2.1	17
57	Innovation as an Emerging System Property: An Agent Based Simulation Model. Jasss, 2011, 14, .	1.0	17
58	The diffusion of information technology and the demand for telecommunication services. Telecommunications Policy, 1989, 13, 255-264.	2.6	15
59	The Organization of Production. Metroeconomica, 1999, 50, 234-253.	0.5	15
60	Wage inequality and directed technological change: Implications for income distribution. Technological Forecasting and Social Change, 2019, 141, 59-65.	6.2	15
61	Endogenous Innovation. , 2017, , .		15
62	The diffusion of new information technologies and productivity growth. Journal of Evolutionary Economics, 1995, 5, 1-17.	0.8	14
63	The governance of localized knowledge externalities. International Review of Applied Economics, 2008, 22, 479-498.	1.3	14
64	Knowledge externalities and demand pull: The European evidence. Economic Systems, 2015, 39, 608-631.	1.0	14
65	Globalization and the Knowledge-Driven Economy. Economic Development Quarterly, 2016, 30, 3-14.	0.6	14
66	The Emergence of the Network Firm. , 1988, , 13-32.		14
67	Multinational firms, international trade and international telecommunications. Information Economics and Policy, 1984, 1, 333-343.	1.7	13
68	Localized Technological Change in the Network of Networks: the Interaction between Regulation and the Evolution of Technology in Telecommunications. Industrial and Corporate Change, 1995, 4, 737-754.	1.7	13
69	Information technology and the derived demand for telecommunication services in the manufacturing industry. Information Economics and Policy, 1989, 4, 45-55.	1.7	12
70	The network of networks: Localized technological change in telecommunications and productivity growth. Information Economics and Policy, 1996, 8, 317-335.	1.7	12
71	The Economic Complexity of Technological Change: Knowledge Interaction and Path Dependence. , 2011, , .		11
72	Localized Technological Change and Efficiency Wages across European Regional Labour Markets. Regional Studies, 2013, 47, 1686-1700.	2.5	11

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73	Academic knowledge and economic growth: are scientific fields all alike?. Socio-Economic Review, 2016, 14, 537-565.	2.0	11
74	Income inequality in the knowledge economy. Structural Change and Economic Dynamics, 2020, 55, 153-164.	2.1	11
75	Knowledge exhaustibility and Schumpeterian growth. Journal of Technology Transfer, 2018, 43, 779-791.	2.5	11
76	The Economics Of Technological Clubs. Economics of Innovation and New Technology, 1992, 2, 37-47.	2.1	10
77	Knowledge as an economic good: Exhaustibility versus appropriability?. Journal of Technology Transfer, 2019, 44, 647-658.	2.5	10
78	Technological change and multinational growth in international telecommunications services. Review of Industrial Organization, 1995, 10, 161-180.	0.4	9
79	The organization, economics, and policy of scientific research: what we do know and what we don't know–an agenda for research. Industrial and Corporate Change, 2011, 20, 201-213.	1.7	9
80	The derived demand for knowledge. Economics of Innovation and New Technology, 2017, 26, 183-194.	2.1	9
81	A long-term comparative analysis of the direction and congruence of technological change. Socio-Economic Review, 2021, 19, 583-605.	2.0	9
82	Knowledge exhaustibility public support to business R&D and the additionality constraint. Journal of Technology Transfer, 2020, 45, 649-663.	2.5	9
83	The Determinants of the Distribution of Innovative Activity in a Metropolitan Area: The Case of Turin. Regional Studies, 1987, 21, 85-93.	2.5	8
84	INVESTMENT, PRODUCTIVITY GROWTH AND KEY-TECHNOLOGIES: THE CASE OF ADVANCED TELECOMMUNICATIONS. Manchester School, 1993, 61, 386-397.	0.4	8
85	The competent demand pull hypothesis: which sectors do play a role?. Economia Politica, 2015, 32, 97-134.	1.2	8
86	Percolation Processes, Technological Externalities and the Evolution of Technological Clubs. Empirica, 1997, 24, 137-156.	1.0	7
87	A regulatory regime for innovation in the communications industries. Telecommunications Policy, 1997, 21, 35-45.	2.6	7
88	Venture Capitalism, New Markets and Innovation-Led Economic Growth. SSRN Electronic Journal, 0, , .	0.4	7
89	Technological diffusion and investment behaviour: The case of the textile industry. Weltwirtschaftliches Archiv, 1989, 125, 782-803.	0.8	6
90	The Economic Complexity of Technology and Innovation. Regional Studies, 2010, 44, 801-806.	2.5	6

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91	The heterogeneity of knowledge and the academic mode of knowledge governance: Italian evidence in the first part of the 20th century. Science and Public Policy, 2014, 41, 15-28.	1.2	6
92	A Schumpeterian growth model: wealth and directed technological change. Journal of Technology Transfer, 2016, 41, 395-406.	2.5	6
93	Knowledge properties and the creative response in the global economy: European evidence for the years 1990â€“2016. Journal of Technology Transfer, 0, , 1.	2.5	6
94	The diffusion of interdependent innovations in the textile industry. Structural Change and Economic Dynamics, 1990, 1, 207-224.	2.1	5
95	The cliometrics of academic chairs. Scientific knowledge and economic growth: the evidence across the Italian Regions 1900â€“1959. Journal of Technology Transfer, 2013, 38, 537-564.	2.5	5
96	The bumpy ride to the knowledge economy. Journal of Industrial and Business Economics, 2016, 43, 337-344.	0.8	5
97	The creative response and the endogenous dynamics of pecuniary knowledge externalities: an agent based simulation model. Journal of Economic Interaction and Coordination, 2018, 13, 561-599.	0.4	5
98	Knowledge properties and economic policy: A new lookâ€. Science and Public Policy, 2018, 45, 151-158.	1.2	5
99	Knowledge appropriability and directed technological change: the Schumpeterian creative response in global markets. Journal of Technology Transfer, 2021, 46, 686-700.	2.5	5
100	Localized knowledge percolation processes and information networks*. Journal of Evolutionary Economics, 1996, 6, 281-295.	0.8	5
101	Organizational innovations, ICTs and knowledge governance: the case of platforms. , 2016, , .		4
102	A reappraisal of the Arrovian postulate and the intellectual property regime: user-specific patents. European Journal of Law and Economics, 2019, 47, 377-388.	0.5	4
103	Economics of knowledge and the governance of commons knowledge. Revista Brasileira De InovaÃ§Ã£o, 2002, 1, 29.	0.2	4
104	Localised Technological Change: The Interaction Between The Generation And The Diffusion Of New Technologies. Economics of Innovation and New Technology, 1991, 1, 309-325.	2.1	3
105	Localized product innovation: the role of proximity in the Lancastrian product space. Information Economics and Policy, 2004, 16, 255-274.	1.7	3
106	Directed technological change and productivity growth: the Italian evidence 1861-2010. International Journal of Computational Economics and Econometrics, 2017, 7, 238.	0.1	3
107	Technological Congruence and Productivity Growth1. , 2012, , 209-232.		3
108	Localized Technological Knowledge: Pecuniary Knowledge Externalities and Appropriability. SSRN Electronic Journal, 0, , .	0.4	3

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109	Information Economics and Industrial Organization. Human Systems Management, 1992, 11, 53-60.	0.5	2
110	Localised appropriability: pecuniary externalities in knowledge exploitation. Technology Analysis and Strategic Management, 2009, 21, 727-742.	2.0	2
111	Chapter 1 Globalization and Directed Technological Change at the Firm Level: The European Evidence. Advances in the Study of Entrepreneurship, Innovation, and Economic Growth, 2011, , 1-20.	0.6	2
112	Competent demand pull and technological flows within sectoral systems: the evidence on differences within Europe. Cambridge Journal of Economics, 2019, 43, 1525-1547.	0.8	2
113	Total factor productivity, catch-up and technological congruence in Italy, 1861â€“2010. Journal of Evolutionary Economics, 2020, 30, 1171-1194.	0.8	2
114	Schumpeterian loops in international trade: the evidence of the oecd countries. Journal of Evolutionary Economics, 2021, 31, 799-820.	0.8	2
115	The Schumpeterian creative response: export and innovation: evidence for OECD countries 1995â€“2015. Economia Politica, 2021, 38, 803-821.	1.2	2
116	Complexity and Innovation: Social Interactions and Firm Level Total Factor Productivity. SSRN Electronic Journal, 0, , .	0.4	2
117	Pecuniary Knowledge Externalities: Evidence from European Regions. SSRN Electronic Journal, 0, , .	0.4	2
118	Innovation in advanced telecommunications networks. , 2003, , .		2
119	Knowledge-Specific Patents and the Additionality Constraint. , 2019, , 1219-1228.		1
120	Toward a New Knowledge Policy. , 2019, , 143-166.		1
121	The Marshallian and Schumpeterian Microfoundations of Evolutionary Complexity: An Agent Based Simulation Model. Economic Complexity and Evolution, 2017, , 461-500.	0.1	1
122	Factor Markets, Biased Technological Change and Total Factor Productivity - Empirical Evidence from a Sample of OECD Countries. SSRN Electronic Journal, 0, , .	0.4	1
123	Directed technological change and productivity growth: the Italian evidence 1861-2010. International Journal of Computational Economics and Econometrics, 2017, 7, 238.	0.1	1
124	The sources of innovation. Journal of Economic Behavior and Organization, 1989, 11, 306-309.	1.0	0
125	Telecommunications in Germany. An economic perspective. Information Economics and Policy, 1989, 4, 270-271.	1.7	0
126	Industrial dynamics. Technological, organizational and structural changes in industries and firms. International Journal of Industrial Organization, 1991, 9, 164-166.	0.6	0

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127	International high-technology competition. International Journal of Industrial Organization, 1993, 11, 293-294.	0.6	0
128	Unavoidable industrial restructuring in Latin America. Research Policy, 1993, 22, 370-372.	3.3	0
129	Networks machines and portfolios: Technology decision-making in large corporations. Research Policy, 1993, 22, 554-555.	3.3	0
130	Toward competition in local telephony. Information Economics and Policy, 1995, 7, 205-219.	1.7	0
131	Coordination and information. Historical perspectives on the organization of enterprise. Information Economics and Policy, 1996, 8, 283-287.	1.7	0
132	Toward competition in cable television. Information Economics and Policy, 1996, 8, 91-94.	1.7	0
133	The Governance of Localized Knowledge Externalities. SSRN Electronic Journal, 0, , .	0.4	0
134	Out of Equilibrium Profit and Innovation. SSRN Electronic Journal, 2008, , .	0.4	0
135	Chapter 2 Globalization and Innovation in Advanced Economies. Advances in the Study of Entrepreneurship, Innovation, and Economic Growth, 2011, , 21-46.	0.6	0
136	Introduction: The Economics of Knowledge for the Knowledge Economy. , 2019, , 1-17.		0
137	The Governance of Technological Knowledge. To Use or Sell. , 2006, , 208-229.		0
138	Pecuniary Externalities: The Convergence of Directed Technological Change and the Emergence of Innovation Systems. SSRN Electronic Journal, 0, , .	0.4	0
139	The Engines of the Creative Response: Reactivity and Knowledge Governance. EconomÃ¤ TeorÃ¤ Y PrÃ¢ctica, 2017, , .	0.2	0
140	Knowledge-Specific Patents and the Additionality Constraint. , 2018, , 1-10.		0
141	Knowledge-Specific Patents and the Additionality Constraint. , 2019, , 1-10.		0
142	The Political Economy of the Knowledge Growth Regime. , 2019, , 125-141.		0
143	The Economics of Knowledge. , 2019, , 19-67.		0
144	The Contributions of Economics to a Science of Science Policy. , 2011, , .		0