## Cristiano Antonelli

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Knowledge complexity and the mechanisms of knowledge generation and exploitation: The European evidence. Research Policy, 2022, 51, 104081.	6.4	22
2	A long-term comparative analysis of the direction and congruence of technological change. Socio-Economic Review, 2021, 19, 583-605.	3.0	9
3	Schumpeterian loops in international trade: the evidence of the oecd countries. Journal of Evolutionary Economics, 2021, 31, 799-820.	1.7	2
4	The Schumpeterian creative response: export and innovation: evidence for OECD countries 1995–2015. Economia Politica, 2021, 38, 803-821.	2.2	2
5	Knowledge appropriability and directed technological change: the Schumpeterian creative response in global markets. Journal of Technology Transfer, 2021, 46, 686-700.	4.3	5
6	Knowledge exhaustibility public support to business R&D and the additionality constraint. Journal of Technology Transfer, 2020, 45, 649-663.	4.3	9
7	The new direction of technological change in the global economy. Structural Change and Economic Dynamics, 2020, 52, 1-12.	4.5	17
8	Total factor productivity, catch-up and technological congruence in Italy, 1861–2010. Journal of Evolutionary Economics, 2020, 30, 1171-1194.	1.7	2
9	Income inequality in the knowledge economy. Structural Change and Economic Dynamics, 2020, 55, 153-164.	4.5	11
10	Knowledge as an economic good: Exhaustibility versus appropriability?. Journal of Technology Transfer, 2019, 44, 647-658.	4.3	10
11	A reappraisal of the Arrovian postulate and the intellectual property regime: user-specific patents. European Journal of Law and Economics, 2019, 47, 377-388.	1.1	4
12	Introduction: The Economics of Knowledge for the Knowledge Economy. , 2019, , 1-17.		0
13	Competent demand pull and technological flows within sectoral systems: the evidence on differences within Europe. Cambridge Journal of Economics, 2019, 43, 1525-1547.	1.6	2
14	Wage inequality and directed technological change: Implications for income distribution. Technological Forecasting and Social Change, 2019, 141, 59-65.	11.6	15
15	Knowledge-Specific Patents and the Additionality Constraint. , 2019, , 1219-1228.		1
16	Toward a New Knowledge Policy. , 2019, , 143-166.		1
17	Knowledge-Specific Patents and the Additionality Constraint. , 2019, , 1-10.		0
18	The Political Economy of the Knowledge Growth Regime. , 2019, , 125-141.		0

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19	The Economics of Knowledge. , 2019, , 19-67.		0
20	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.	0.7	5
21	Knowledge properties and economic policy: A new lookâ€. Science and Public Policy, 2018, 45, 151-158.	2.4	5
22	Knowledge exhaustibility and Schumpeterian growth. Journal of Technology Transfer, 2018, 43, 779-791.	4.3	11
23	Knowledge-Specific Patents and the Additionality Constraint. , 2018, , 1-10.		Ο
24	Digital knowledge generation and the appropriability trade-off. Telecommunications Policy, 2017, 41, 991-1002.	5.3	22
25	Endogenous innovation: the creative response. Economics of Innovation and New Technology, 2017, 26, 689-718.	3.4	19
26	The locus of knowledge externalities and the cost of knowledge. Regional Studies, 2017, 51, 1151-1164.	4.4	19
27	Technological change, rent and income inequalities: A Schumpeterian approach. Technological Forecasting and Social Change, 2017, 115, 85-98.	11.6	72
28	Knowledge composition, Jacobs externalities and innovation performance in European regions. Regional Studies, 2017, 51, 1708-1720.	4.4	33
29	The derived demand for knowledge. Economics of Innovation and New Technology, 2017, 26, 183-194.	3.4	9
30	Directed technological change and productivity growth: the Italian evidence 1861-2010. International Journal of Computational Economics and Econometrics, 2017, 7, 238.	0.1	3
31	The Marshallian and Schumpeterian Microfoundations of Evolutionary Complexity: An Agent Based Simulation Model. Economic Complexity and Evolution, 2017, , 461-500.	0.1	1
32	Endogenous Innovation. , 2017, , .		15
33	Directed technological change and productivity growth: the Italian evidence 1861-2010. International Journal of Computational Economics and Econometrics, 2017, 7, 238.	0.1	1
34	The Engines of the Creative Response: Reactivity and Knowledge Governance. EconomÃa TeorÃa Y PrÃctica, 2017, , .	0.2	0
35	The role of external knowledge(s) in the introduction of product and process innovations. R and D Management, 2016, 46, 979-991.	5.3	21
36	The bumpy ride to the knowledge economy. Journal of Industrial and Business Economics, 2016, 43, 337-344.	1.5	5

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37	Technological congruence and the economic complexity of technological change. Structural Change and Economic Dynamics, 2016, 38, 15-24.	4.5	41
38	Organizational innovations, ICTs and knowledge governance: the case of platforms. , 2016, , .		4
39	Academic knowledge and economic growth: are scientific fields all alike?. Socio-Economic Review, 2016, 14, 537-565.	3.0	11
40	Globalization and the Knowledge-Driven Economy. Economic Development Quarterly, 2016, 30, 3-14.	0.9	14
41	A Schumpeterian growth model: wealth and directed technological change. Journal of Technology Transfer, 2016, 41, 395-406.	4.3	6
42	The competent demand pull hypothesis: which sectors do play a role?. Economia Politica, 2015, 32, 97-134.	2.2	8
43	Productivity growth persistence: firm strategies, size and system properties. Small Business Economics, 2015, 45, 129-147.	6.7	23
44	The knowledge cost function. International Journal of Production Economics, 2015, 168, 290-302.	8.9	22
45	Knowledge externalities and demand pull: The European evidence. Economic Systems, 2015, 39, 608-631.	2.2	14
46	External and Internal Knowledge in the Knowledge Generation Function. Industry and Innovation, 2015, 22, 273-298.	3.1	42
47	Firms size and directed technological change. Small Business Economics, 2015, 44, 207-218.	6.7	25
48	The effects of biased technological changes on total factor productivity: a rejoinder and new empirical evidence. Journal of Technology Transfer, 2014, 39, 281-299.	4.3	21
49	The economics of the light economy. Technological Forecasting and Social Change, 2014, 87, 89-107.	11.6	25
50	The mechanisms of knowledge governance: State owned enterprises and Italian economic growth, 1950–1994. Structural Change and Economic Dynamics, 2014, 31, 43-63.	4.5	27
51	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.	2.4	6
52	The cliometrics of academic chairs. Scientific knowledge and economic growth: the evidence across the Italian Regions 1900–1959. Journal of Technology Transfer, 2013, 38, 537-564.	4.3	5
53	The "Matthew effect" in R&D public subsidies: The Italian evidence. Technological Forecasting and Social Change, 2013, 80, 1523-1534.	11.6	94
54	Internal and external factors in innovation persistence. Economics of Innovation and New Technology, 2013, 22, 256-280.	3.4	77

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55	Localized Technological Change and Efficiency Wages across European Regional Labour Markets. Regional Studies, 2013, 47, 1686-1700.	4.4	11
56	Complexity and technological change: knowledge interactions and firm level total factor productivity. Journal of Evolutionary Economics, 2013, 23, 77-96.	1.7	22
57	Knowledge Governance. Economic Development Quarterly, 2013, 27, 62-70.	0.9	23
58	Inside innovation persistence: New evidence from Italian micro-data. Structural Change and Economic Dynamics, 2012, 23, 341-353.	4.5	85
59	Technological Congruence and Productivity Growth1. , 2012, , 209-232.		3
60	Out-of-equilibrium profit and innovation. Economics of Innovation and New Technology, 2011, 20, 405-421.	3.4	23
61	Chapter 2 Globalization and Innovation in Advanced Economies. Advances in the Study of Entrepreneurship, Innovation, and Economic Growth, 2011, , 21-46.	0.6	0
62	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
63	Productivity Growth and Pecuniary Knowledge Externalities: An Empirical Analysis of Agglomeration Economies in European Regions. Economic Geography, 2011, 87, 23-50.	4.6	73
64	The Economic Complexity of Technological Change: Knowledge Interaction and Path Dependence. , 2011, , .		11
65	The generation and exploitation of technological change: market value and total factor productivity. Journal of Technology Transfer, 2011, 36, 353-382.	4.3	29
66	The organization, economics, and policy of scientific research: what we do know and what we don't knowan agenda for research. Industrial and Corporate Change, 2011, 20, 201-213.	2.8	9
67	Innovation as an Emerging System Property: An Agent Based Simulation Model. Jasss, 2011, 14, .	1.8	17
68	The Contributions of Economics to a Science of Science Policy. , 2011, , .		0
69	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.	4.3	41
70	Recombinant knowledge and growth: The case of ICTs. Structural Change and Economic Dynamics, 2010, 21, 50-69.	4.5	82
71	The Economic Complexity of Technology and Innovation. Regional Studies, 2010, 44, 801-806.	4.4	6
72	The economics of innovation: from the classical legacies to the economics of complexity. Economics of lnnovation and New Technology, 2009, 18, 611-646.	3.4	80

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73	Localised appropriability: pecuniary externalities in knowledge exploitation. Technology Analysis and Strategic Management, 2009, 21, 727-742.	3.5	2
74	The new economics of the university: a knowledge governance approach. Journal of Technology Transfer, 2008, 33, 1-22.	4.3	48
75	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.	3.4	17
76	Pecuniary knowledge externalities: the convergence of directed technological change and the emergence of innovation systems. Industrial and Corporate Change, 2008, 17, 1049-1070.	2.8	49
77	The governance of localized knowledge externalities. International Review of Applied Economics, 2008, 22, 479-498.	2.2	14
78	Knowledge-intensive property rights and the evolution of venture capitalism. Journal of Institutional Economics, 2008, 4, 163-182.	1.5	21
79	Out of Equilibrium Profit and Innovation. SSRN Electronic Journal, 2008, , .	0.4	0
80	The system dynamics of collective knowledge: From gradualism and saltationism to punctuated change. Journal of Economic Behavior and Organization, 2007, 62, 215-236.	2.0	29
81	Technological knowledge as an essential facility. Journal of Evolutionary Economics, 2007, 17, 451-471.	1.7	41
82	Localized technological change and factor markets: constraints and inducements to innovation. Structural Change and Economic Dynamics, 2006, 17, 224-247.	4.5	37
83	The Business Governance of Localized Knowledge: An Information Economics Approach for the Economics of Knowledge. Industry and Innovation, 2006, 13, 227-261.	3.1	103
84	Diffusion as a Process of Creative Adoption. Journal of Technology Transfer, 2006, 31, 211-226.	4.3	46
85	The Governance of Technological Knowledge. To Use or Sell. , 2006, , 208-229.		0
86	Models of knowledge and systems of governance. Journal of Institutional Economics, 2005, 1, 51-73.	1.5	111
87	Localized product innovation: the role of proximity in the Lancastrian product space. Information Economics and Policy, 2004, 16, 255-274.	3.5	3
88	Knowledge Complementarity and Fungeability: Implications for Regional Strategy. Regional Studies, 2003, 37, 595-606.	4.4	45
89	The digital divide: understanding the economics of new information and communication technology in the global economy. Information Economics and Policy, 2003, 15, 173-199.	3.5	78

90 Innovation in advanced telecommunications networks., 2003,,.

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91	The Governance of Interactive Learning within Innovation Systems. Urban Studies, 2002, 39, 1051-1063.	3.7	31
92	Economics of knowledge and the governance of commons knowledge. Revista Brasileira De Inovação, 2002, 1, 29.	0.2	4
93	Information and communication technologies and the production, distribution and use of knowledge. International Journal of Technology Management, 2000, 20, 72.	0.5	42
94	Collective Knowledge Communication and Innovation: The Evidence of Technological Districts. Regional Studies, 2000, 34, 535-547.	4.4	262
95	The Organization of Production. Metroeconomica, 1999, 50, 234-253.	1.0	15
96	Localized technological change, new information technology and the knowledge-based economy: The European evidence. Journal of Evolutionary Economics, 1998, 8, 177-198.	1.7	123
97	The economics of path-dependence in industrial organization. International Journal of Industrial Organization, 1997, 15, 643-675.	1.2	152
98	Percolation Processes, Technological Externalities and the Evolution of Technological Clubs. Empirica, 1997, 24, 137-156.	1.8	7
99	New Information Technology and the Knowledge-Based Economy. The Italian Evidence. Review of Industrial Organization, 1997, 12, 593-607.	0.7	24
100	A regulatory regime for innovation in the communications industries. Telecommunications Policy, 1997, 21, 35-45.	5.3	7
101	Coordination and information. Historical perspectives on the organization of enterprise. Information Economics and Policy, 1996, 8, 283-287.	3.5	Ο
102	The network of networks: Localized technological change in telecommunications and productivity growth. Information Economics and Policy, 1996, 8, 317-335.	3.5	12
103	Toward competition in cable television. Information Economics and Policy, 1996, 8, 91-94.	3.5	Ο
104	Localized knowledge percolation processes and information networks. Journal of Evolutionary Economics, 1996, 6, 281-295.	1.7	56
105	Localized knowledge percolation processes and information networks*. Journal of Evolutionary Economics, 1996, 6, 281-295.	1.7	5
106	Technological change and multinational growth in international telecommunications services. Review of Industrial Organization, 1995, 10, 161-180.	0.7	9
107	The diffusion of new information technologies and productivity growth. Journal of Evolutionary Economics, 1995, 5, 1-17.	1.7	14
108	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.	2.8	13

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109	Toward competition in local telephony. Information Economics and Policy, 1995, 7, 205-219.	3.5	0
110	The Economics of Localized Technological Change and Industrial Dynamics. Economics of Science, Technology and Innovation, 1995, , .	0.2	117
111	Localized technological change and the evolution of standards as economic institutions. Information Economics and Policy, 1994, 6, 195-216.	3.5	79
112	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.	2.2	51
113	INVESTMENT, PRODUCTIVITY GROWTH AND KEY-TECHNOLOGIES: THE CASE OF ADVANCED TELECOMMUNICATIONS. Manchester School, 1993, 61, 386-397.	0.9	8
114	Investment and adoption in advanced telecommunications. Journal of Economic Behavior and Organization, 1993, 20, 227-245.	2.0	38
115	International high-technology competition. International Journal of Industrial Organization, 1993, 11, 293-294.	1.2	0
116	Externalities and complementarities in telecommunications dynamics. International Journal of Industrial Organization, 1993, 11, 437-447.	1.2	20
117	Unavoidable industrial restructuring in Latin America. Research Policy, 1993, 22, 370-372.	6.4	0
118	Networks machines and portfolios: Technology decision-making in large corporations. Research Policy, 1993, 22, 554-555.	6.4	0
119	The Economics Of Technological Clubs. Economics of Innovation and New Technology, 1992, 2, 37-47.	3.4	10
120	Information Economics and Industrial Organization. Human Systems Management, 1992, 11, 53-60.	1.1	2
121	Localised Technological Change: The Interaction Between The Generation And The Diffusion Of New Technologies. Economics of Innovation and New Technology, 1991, 1, 309-325.	3.4	3
122	Industrial dynamics. Technological, organizational and structural changes in industries and firms. International Journal of Industrial Organization, 1991, 9, 164-166.	1.2	0
123	Induced Adoption and Externalities in the Regional Diffusion of Information Technology. Regional Studies, 1990, 24, 31-40.	4.4	55
124	The diffusion of interdependent innovations in the textile industry. Structural Change and Economic Dynamics, 1990, 1, 207-224.	4.5	5
125	Technological diffusion and investment behaviour: The case of the textile industry. Weltwirtschaftliches Archiv, 1989, 125, 782-803.	0.8	6
126	The diffusion of information technology and the demand for telecommunication services. Telecommunications Policy, 1989, 13, 255-264.	5.3	15

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127	The sources of innovation. Journal of Economic Behavior and Organization, 1989, 11, 306-309.	2.0	Ο
128	A failure-inducement model of research and development expenditure. Journal of Economic Behavior and Organization, 1989, 12, 159-180.	2.0	107
129	Telecommunications in Germany. An economic perspective. Information Economics and Policy, 1989, 4, 270-271.	3.5	Ο
130	Information technology and the derived demand for telecommunication services in the manufacturing industry. Information Economics and Policy, 1989, 4, 45-55.	3.5	12
131	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.	6.4	24
132	The Emergence of the Network Firm. , 1988, , 13-32.		14
133	The Determinants of the Distribution of Innovative Activity in a Metropolitan Area: The Case of Turin. Regional Studies, 1987, 21, 85-93.	4.4	8
134	The international diffusion of new information technologies. Research Policy, 1986, 15, 139-147.	6.4	37
135	The diffusion of an organizational innovation. International Journal of Industrial Organization, 1985, 3, 109-118.	1.2	27
136	Multinational firms, international trade and international telecommunications. Information Economics and Policy, 1984, 1, 333-343.	3.5	13
137	The Governance of Localized Knowledge Externalities. SSRN Electronic Journal, O, , .	0.4	0
138	Venture Capitalism, New Markets and Innovation-Led Economic Growth. SSRN Electronic Journal, 0, , .	0.4	7
139	Knowledge properties and the creative response in the global economy: European evidence for the years 1990–2016. Journal of Technology Transfer, 0, , 1.	4.3	6
140	Factor Markets, Biased Technological Change and Total Factor Productivity - Empirical Evidence from a Sample of OECD Countries. SSRN Electronic Journal, 0, , .	0.4	1
141	Localized Technological Knowledge: Pecuniary Knowledge Externalities and Appropriability. SSRN Electronic Journal, 0, , .	0.4	3
142	Complexity and Innovation: Social Interactions and Firm Level Total Factor Productivity. SSRN Electronic Journal, 0, , .	0.4	2
143	Pecuniary Externalities: The Convergence of Directed Technological Change and the Emergence of Innovation Systems. SSRN Electronic Journal, 0, , .	0.4	0
144	Pecuniary Knowledge Externalities: Evidence from European Regions. SSRN Electronic Journal, 0, , .	0.4	2