

# Cristiano Antonelli

## List of Publications by Year in descending order

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144  
papers

3,670  
citations

147726

31  
h-index

182361

51  
g-index

162  
all docs

162  
docs citations

162  
times ranked

1773  
citing authors

#	ARTICLE	IF	CITATIONS
1	Knowledge complexity and the mechanisms of knowledge generation and exploitation: The European evidence. <i>Research Policy</i> , 2022, 51, 104081.	3.3	22
2	A long-term comparative analysis of the direction and congruence of technological change. <i>Socio-Economic Review</i> , 2021, 19, 583-605.	2.0	9
3	Schumpeterian loops in international trade: the evidence of the oecd countries. <i>Journal of Evolutionary Economics</i> , 2021, 31, 799-820.	0.8	2
4	The Schumpeterian creative response: export and innovation: evidence for OECD countries 1995â€“2015. <i>Economia Politica</i> , 2021, 38, 803-821.	1.2	2
5	Knowledge appropriability and directed technological change: the Schumpeterian creative response in global markets. <i>Journal of Technology Transfer</i> , 2021, 46, 686-700.	2.5	5
6	Knowledge exhaustibility public support to business R&D and the additionality constraint. <i>Journal of Technology Transfer</i> , 2020, 45, 649-663.	2.5	9
7	The new direction of technological change in the global economy. <i>Structural Change and Economic Dynamics</i> , 2020, 52, 1-12.	2.1	17
8	Total factor productivity, catch-up and technological congruence in Italy, 1861â€“2010. <i>Journal of Evolutionary Economics</i> , 2020, 30, 1171-1194.	0.8	2
9	Income inequality in the knowledge economy. <i>Structural Change and Economic Dynamics</i> , 2020, 55, 153-164.	2.1	11
10	Knowledge as an economic good: Exhaustibility versus appropriability?. <i>Journal of Technology Transfer</i> , 2019, 44, 647-658.	2.5	10
11	A reappraisal of the Arrovian postulate and the intellectual property regime: user-specific patents. <i>European Journal of Law and Economics</i> , 2019, 47, 377-388.	0.5	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. <i>Cambridge Journal of Economics</i> , 2019, 43, 1525-1547.	0.8	2
14	Wage inequality and directed technological change: Implications for income distribution. <i>Technological Forecasting and Social Change</i> , 2019, 141, 59-65.	6.2	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

#	ARTICLE	IF	CITATIONS
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.	0.4	5
21	Knowledge properties and economic policy: A new look. Science and Public Policy, 2018, 45, 151-158.	1.2	5
22	Knowledge exhaustibility and Schumpeterian growth. Journal of Technology Transfer, 2018, 43, 779-791.	2.5	11
23	Knowledge-Specific Patents and the Additionality Constraint. , 2018, , 1-10.		0
24	Digital knowledge generation and the appropriability trade-off. Telecommunications Policy, 2017, 41, 991-1002.	2.6	22
25	Endogenous innovation: the creative response. Economics of Innovation and New Technology, 2017, 26, 689-718.	2.1	19
26	The locus of knowledge externalities and the cost of knowledge. Regional Studies, 2017, 51, 1151-1164.	2.5	19
27	Technological change, rent and income inequalities: A Schumpeterian approach. Technological Forecasting and Social Change, 2017, 115, 85-98.	6.2	72
28	Knowledge composition, Jacobs externalities and innovation performance in European regions. Regional Studies, 2017, 51, 1708-1720.	2.5	33
29	The derived demand for knowledge. Economics of Innovation and New Technology, 2017, 26, 183-194.	2.1	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. Economía Teórica y Práctica, 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.	3.0	21
36	The bumpy ride to the knowledge economy. Journal of Industrial and Business Economics, 2016, 43, 337-344.	0.8	5

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37	Technological congruence and the economic complexity of technological change. <i>Structural Change and Economic Dynamics</i> , 2016, 38, 15-24.	2.1	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?. <i>Socio-Economic Review</i> , 2016, 14, 537-565.	2.0	11
40	Globalization and the Knowledge-Driven Economy. <i>Economic Development Quarterly</i> , 2016, 30, 3-14.	0.6	14
41	A Schumpeterian growth model: wealth and directed technological change. <i>Journal of Technology Transfer</i> , 2016, 41, 395-406.	2.5	6
42	The competent demand pull hypothesis: which sectors do play a role?. <i>Economia Politica</i> , 2015, 32, 97-134.	1.2	8
43	Productivity growth persistence: firm strategies, size and system properties. <i>Small Business Economics</i> , 2015, 45, 129-147.	4.4	23
44	The knowledge cost function. <i>International Journal of Production Economics</i> , 2015, 168, 290-302.	5.1	22
45	Knowledge externalities and demand pull: The European evidence. <i>Economic Systems</i> , 2015, 39, 608-631.	1.0	14
46	External and Internal Knowledge in the Knowledge Generation Function. <i>Industry and Innovation</i> , 2015, 22, 273-298.	1.7	42
47	Firms size and directed technological change. <i>Small Business Economics</i> , 2015, 44, 207-218.	4.4	25
48	The effects of biased technological changes on total factor productivity: a rejoinder and new empirical evidence. <i>Journal of Technology Transfer</i> , 2014, 39, 281-299.	2.5	21
49	The economics of the light economy. <i>Technological Forecasting and Social Change</i> , 2014, 87, 89-107.	6.2	25
50	The mechanisms of knowledge governance: State owned enterprises and Italian economic growth, 1950â€“1994. <i>Structural Change and Economic Dynamics</i> , 2014, 31, 43-63.	2.1	27
51	The heterogeneity of knowledge and the academic mode of knowledge governance: Italian evidence in the first part of the 20th century. <i>Science and Public Policy</i> , 2014, 41, 15-28.	1.2	6
52	The cliometrics of academic chairs. Scientific knowledge and economic growth: the evidence across the Italian Regions 1900â€“1959. <i>Journal of Technology Transfer</i> , 2013, 38, 537-564.	2.5	5
53	The "Matthew effect" in R&D public subsidies: The Italian evidence. <i>Technological Forecasting and Social Change</i> , 2013, 80, 1523-1534.	6.2	94
54	Internal and external factors in innovation persistence. <i>Economics of Innovation and New Technology</i> , 2013, 22, 256-280.	2.1	77

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55	Localized Technological Change and Efficiency Wages across European Regional Labour Markets. <i>Regional Studies</i> , 2013, 47, 1686-1700.	2.5	11
56	Complexity and technological change: knowledge interactions and firm level total factor productivity. <i>Journal of Evolutionary Economics</i> , 2013, 23, 77-96.	0.8	22
57	Knowledge Governance. <i>Economic Development Quarterly</i> , 2013, 27, 62-70.	0.6	23
58	Inside innovation persistence: New evidence from Italian micro-data. <i>Structural Change and Economic Dynamics</i> , 2012, 23, 341-353.	2.1	85
59	Technological Congruence and Productivity Growth1. , 2012, , 209-232.		3
60	Out-of-equilibrium profit and innovation. <i>Economics of Innovation and New Technology</i> , 2011, 20, 405-421.	2.1	23
61	Chapter 2 Globalization and Innovation in Advanced Economies. <i>Advances in the Study of Entrepreneurship, Innovation, and Economic Growth</i> , 2011, , 21-46.	0.6	0
62	Chapter 1 Globalization and Directed Technological Change at the Firm Level: The European Evidence. <i>Advances in the Study of Entrepreneurship, Innovation, and Economic Growth</i> , 2011, , 1-20.	0.6	2
63	Productivity Growth and Pecuniary Knowledge Externalities: An Empirical Analysis of Agglomeration Economies in European Regions. <i>Economic Geography</i> , 2011, 87, 23-50.	2.1	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. <i>Journal of Technology Transfer</i> , 2011, 36, 353-382.	2.5	29
66	The organization, economics, and policy of scientific research: what we do know and what we don't know--an agenda for research. <i>Industrial and Corporate Change</i> , 2011, 20, 201-213.	1.7	9
67	Innovation as an Emerging System Property: An Agent Based Simulation Model. <i>Jasss</i> , 2011, 14, .	1.0	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. <i>Journal of Technology Transfer</i> , 2010, 35, 361-383.	2.5	41
70	Recombinant knowledge and growth: The case of ICTs. <i>Structural Change and Economic Dynamics</i> , 2010, 21, 50-69.	2.1	82
71	The Economic Complexity of Technology and Innovation. <i>Regional Studies</i> , 2010, 44, 801-806.	2.5	6
72	The economics of innovation: from the classical legacies to the economics of complexity. <i>Economics of Innovation and New Technology</i> , 2009, 18, 611-646.	2.1	80

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73	Localised appropriability: pecuniary externalities in knowledge exploitation. <i>Technology Analysis and Strategic Management</i> , 2009, 21, 727-742.	2.0	2
74	The new economics of the university: a knowledge governance approach. <i>Journal of Technology Transfer</i> , 2008, 33, 1-22.	2.5	48
75	THE GOVERNANCE OF KNOWLEDGE COMPOSITENESS AND TECHNOLOGICAL PERFORMANCE: THE CASE OF THE AUTOMOTIVE INDUSTRY IN EUROPE. <i>Economics of Innovation and New Technology</i> , 2008, 17, 23-41.	2.1	17
76	Pecuniary knowledge externalities: the convergence of directed technological change and the emergence of innovation systems. <i>Industrial and Corporate Change</i> , 2008, 17, 1049-1070.	1.7	49
77	The governance of localized knowledge externalities. <i>International Review of Applied Economics</i> , 2008, 22, 479-498.	1.3	14
78	Knowledge-intensive property rights and the evolution of venture capitalism. <i>Journal of Institutional Economics</i> , 2008, 4, 163-182.	1.3	21
79	Out of Equilibrium Profit and Innovation. <i>SSRN Electronic Journal</i> , 2008, , .	0.4	0
80	The system dynamics of collective knowledge: From gradualism and saltationism to punctuated change. <i>Journal of Economic Behavior and Organization</i> , 2007, 62, 215-236.	1.0	29
81	Technological knowledge as an essential facility. <i>Journal of Evolutionary Economics</i> , 2007, 17, 451-471.	0.8	41
82	Localized technological change and factor markets: constraints and inducements to innovation. <i>Structural Change and Economic Dynamics</i> , 2006, 17, 224-247.	2.1	37
83	The Business Governance of Localized Knowledge: An Information Economics Approach for the Economics of Knowledge. <i>Industry and Innovation</i> , 2006, 13, 227-261.	1.7	103
84	Diffusion as a Process of Creative Adoption. <i>Journal of Technology Transfer</i> , 2006, 31, 211-226.	2.5	46
85	The Governance of Technological Knowledge. To Use or Sell. , 2006, , 208-229.		0
86	Models of knowledge and systems of governance. <i>Journal of Institutional Economics</i> , 2005, 1, 51-73.	1.3	111
87	Localized product innovation: the role of proximity in the Lancasterian product space. <i>Information Economics and Policy</i> , 2004, 16, 255-274.	1.7	3
88	Knowledge Complementarity and Fungeability: Implications for Regional Strategy. <i>Regional Studies</i> , 2003, 37, 595-606.	2.5	45
89	The digital divide: understanding the economics of new information and communication technology in the global economy. <i>Information Economics and Policy</i> , 2003, 15, 173-199.	1.7	78
90	Innovation in advanced telecommunications networks. , 2003, , .		2

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91	The Governance of Interactive Learning within Innovation Systems. <i>Urban Studies</i> , 2002, 39, 1051-1063.	2.2	31
92	Economics of knowledge and the governance of commons knowledge. <i>Revista Brasileira De Inovação</i> , 2002, 1, 29.	0.2	4
93	Information and communication technologies and the production, distribution and use of knowledge. <i>International Journal of Technology Management</i> , 2000, 20, 72.	0.2	42
94	Collective Knowledge Communication and Innovation: The Evidence of Technological Districts. <i>Regional Studies</i> , 2000, 34, 535-547.	2.5	262
95	The Organization of Production. <i>Metroeconomica</i> , 1999, 50, 234-253.	0.5	15
96	Localized technological change, new information technology and the knowledge-based economy: The European evidence. <i>Journal of Evolutionary Economics</i> , 1998, 8, 177-198.	0.8	123
97	The economics of path-dependence in industrial organization. <i>International Journal of Industrial Organization</i> , 1997, 15, 643-675.	0.6	152
98	Percolation Processes, Technological Externalities and the Evolution of Technological Clubs. <i>Empirica</i> , 1997, 24, 137-156.	1.0	7
99	New Information Technology and the Knowledge-Based Economy. The Italian Evidence. <i>Review of Industrial Organization</i> , 1997, 12, 593-607.	0.4	24
100	A regulatory regime for innovation in the communications industries. <i>Telecommunications Policy</i> , 1997, 21, 35-45.	2.6	7
101	Coordination and information. Historical perspectives on the organization of enterprise. <i>Information Economics and Policy</i> , 1996, 8, 283-287.	1.7	0
102	The network of networks: Localized technological change in telecommunications and productivity growth. <i>Information Economics and Policy</i> , 1996, 8, 317-335.	1.7	12
103	Toward competition in cable television. <i>Information Economics and Policy</i> , 1996, 8, 91-94.	1.7	0
104	Localized knowledge percolation processes and information networks. <i>Journal of Evolutionary Economics</i> , 1996, 6, 281-295.	0.8	56
105	Localized knowledge percolation processes and information networks*. <i>Journal of Evolutionary Economics</i> , 1996, 6, 281-295.	0.8	5
106	Technological change and multinational growth in international telecommunications services. <i>Review of Industrial Organization</i> , 1995, 10, 161-180.	0.4	9
107	The diffusion of new information technologies and productivity growth. <i>Journal of Evolutionary Economics</i> , 1995, 5, 1-17.	0.8	14
108	Localized Technological Change in the Network of Networks: the Interaction between Regulation and the Evolution of Technology in Telecommunications. <i>Industrial and Corporate Change</i> , 1995, 4, 737-754.	1.7	13

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109	Toward competition in local telephony. <i>Information Economics and Policy</i> , 1995, 7, 205-219.	1.7	0
110	The Economics of Localized Technological Change and Industrial Dynamics. <i>Economics of Science, Technology and Innovation</i> , 1995, , .	0.2	117
111	Localized technological change and the evolution of standards as economic institutions. <i>Information Economics and Policy</i> , 1994, 6, 195-216.	1.7	79
112	Technological districts localized spillovers and productivity growth. The Italian evidence on technological externalities in the core regions. <i>International Review of Applied Economics</i> , 1994, 8, 18-30.	1.3	51
113	INVESTMENT, PRODUCTIVITY GROWTH AND KEY-TECHNOLOGIES: THE CASE OF ADVANCED TELECOMMUNICATIONS. <i>Manchester School</i> , 1993, 61, 386-397.	0.4	8
114	Investment and adoption in advanced telecommunications. <i>Journal of Economic Behavior and Organization</i> , 1993, 20, 227-245.	1.0	38
115	International high-technology competition. <i>International Journal of Industrial Organization</i> , 1993, 11, 293-294.	0.6	0
116	Externalities and complementarities in telecommunications dynamics. <i>International Journal of Industrial Organization</i> , 1993, 11, 437-447.	0.6	20
117	Unavoidable industrial restructuring in Latin America. <i>Research Policy</i> , 1993, 22, 370-372.	3.3	0
118	Networks machines and portfolios: Technology decision-making in large corporations. <i>Research Policy</i> , 1993, 22, 554-555.	3.3	0
119	The Economics Of Technological Clubs. <i>Economics of Innovation and New Technology</i> , 1992, 2, 37-47.	2.1	10
120	Information Economics and Industrial Organization. <i>Human Systems Management</i> , 1992, 11, 53-60.	0.5	2
121	Localised Technological Change: The Interaction Between The Generation And The Diffusion Of New Technologies. <i>Economics of Innovation and New Technology</i> , 1991, 1, 309-325.	2.1	3
122	Industrial dynamics. Technological, organizational and structural changes in industries and firms. <i>International Journal of Industrial Organization</i> , 1991, 9, 164-166.	0.6	0
123	Induced Adoption and Externalities in the Regional Diffusion of Information Technology. <i>Regional Studies</i> , 1990, 24, 31-40.	2.5	55
124	The diffusion of interdependent innovations in the textile industry. <i>Structural Change and Economic Dynamics</i> , 1990, 1, 207-224.	2.1	5
125	Technological diffusion and investment behaviour: The case of the textile industry. <i>Weltwirtschaftliches Archiv</i> , 1989, 125, 782-803.	0.8	6
126	The diffusion of information technology and the demand for telecommunication services. <i>Telecommunications Policy</i> , 1989, 13, 255-264.	2.6	15



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127	The sources of innovation. <i>Journal of Economic Behavior and Organization</i> , 1989, 11, 306-309.	1.0	0
128	A failure-inducement model of research and development expenditure. <i>Journal of Economic Behavior and Organization</i> , 1989, 12, 159-180.	1.0	107
129	Telecommunications in Germany. An economic perspective. <i>Information Economics and Policy</i> , 1989, 4, 270-271.	1.7	0
130	Information technology and the derived demand for telecommunication services in the manufacturing industry. <i>Information Economics and Policy</i> , 1989, 4, 45-55.	1.7	12
131	The role of technological expectations in a mixed model of international diffusion of process innovations: The case of open-end spinning rotors. <i>Research Policy</i> , 1989, 18, 273-288.	3.3	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. <i>Regional Studies</i> , 1987, 21, 85-93.	2.5	8
134	The international diffusion of new information technologies. <i>Research Policy</i> , 1986, 15, 139-147.	3.3	37
135	The diffusion of an organizational innovation. <i>International Journal of Industrial Organization</i> , 1985, 3, 109-118.	0.6	27
136	Multinational firms, international trade and international telecommunications. <i>Information Economics and Policy</i> , 1984, 1, 333-343.	1.7	13
137	The Governance of Localized Knowledge Externalities. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
138	Venture Capitalism, New Markets and Innovation-Led Economic Growth. <i>SSRN Electronic Journal</i> , 0, , .	0.4	7
139	Knowledge properties and the creative response in the global economy: European evidence for the years 1990â€“2016. <i>Journal of Technology Transfer</i> , 0, , 1.	2.5	6
140	Factor Markets, Biased Technological Change and Total Factor Productivity - Empirical Evidence from a Sample of OECD Countries. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
141	Localized Technological Knowledge: Pecuniary Knowledge Externalities and Appropriability. <i>SSRN Electronic Journal</i> , 0, , .	0.4	3
142	Complexity and Innovation: Social Interactions and Firm Level Total Factor Productivity. <i>SSRN Electronic Journal</i> , 0, , .	0.4	2
143	Pecuniary Externalities: The Convergence of Directed Technological Change and the Emergence of Innovation Systems. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
144	Pecuniary Knowledge Externalities: Evidence from European Regions. <i>SSRN Electronic Journal</i> , 0, , .	0.4	2