

Franco Malerba

List of Publications by Year in descending order

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79
papers

8,878
citations

117625

34
h-index

106344

65
g-index

89
all docs

89
docs citations

89
times ranked

3770
citing authors

#	ARTICLE	IF	CITATIONS
1	Sectoral systems of innovation and production. <i>Research Policy</i> , 2002, 31, 247-264.	6.4	1,762
2	Technological Regimes and Schumpeterian Patterns of Innovation. <i>Economic Journal</i> , 2000, 110, 388-410.	3.6	782
3	Knowledge-relatedness in firm technological diversification. <i>Research Policy</i> , 2003, 32, 69-87.	6.4	645
4	Technological Regimes and Sectoral Patterns of Innovative Activities. <i>Industrial and Corporate Change</i> , 1997, 6, 83-118.	2.8	519
5	Learning by Firms and Incremental Technical Change. <i>Economic Journal</i> , 1992, 102, 845.	3.6	479
6	Catch-up cycles and changes in industrial leadership: Windows of opportunity and responses of firms and countries in the evolution of sectoral systems. <i>Research Policy</i> , 2017, 46, 338-351.	6.4	362
7	Schumpeterian patterns of innovation are technology-specific. <i>Research Policy</i> , 1996, 25, 451-478.	6.4	345
8	Sectoral systems of innovation: a framework for linking innovation to the knowledge base, structure and dynamics of sectors. <i>Economics of Innovation and New Technology</i> , 2005, 14, 63-82.	3.4	342
9	Learning and catching up in different sectoral systems: evidence from six industries. <i>Industrial and Corporate Change</i> , 2011, 20, 1645-1675.	2.8	233
10	Innovation and the evolution of industries. <i>Journal of Evolutionary Economics</i> , 2006, 16, 3-23.	1.7	200
11	Persistence of innovative activities, sectoral patterns of innovation and international technological specialization. <i>International Journal of Industrial Organization</i> , 1997, 15, 801-826.	1.2	196
12	Technological entry, exit and survival: an empirical analysis of patent data. <i>Research Policy</i> , 1999, 28, 643-660.	6.4	184
13	Demand, innovation, and the dynamics of market structure: The role of experimental users and diverse preferences. <i>Journal of Evolutionary Economics</i> , 2007, 17, 371-399.	1.7	169
14	Knowledge-intensive innovative entrepreneurship integrating Schumpeter, evolutionary economics, and innovation systems. <i>Small Business Economics</i> , 2020, 54, 503-522.	6.7	147
15	Innovation and the dynamics and evolution of industries: Progress and challenges. <i>International Journal of Industrial Organization</i> , 2007, 25, 675-699.	1.2	135
16	Schumpeterian patterns of innovative activity in the ICT field. <i>Research Policy</i> , 2007, 36, 418-432.	6.4	97
17	Competition and industrial policies in a "history friendly"™ model of the evolution of the computer industry. <i>International Journal of Industrial Organization</i> , 2001, 19, 635-664.	1.2	96
18	Sectors and the additionality effects of R&D tax credits: A cross-country microeconomic analysis. <i>Research Policy</i> , 2017, 46, 57-72.	6.4	88

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19	Public policies and changing boundaries of firms in a "history-friendly" model of the co-evolution of the computer and semiconductor industries. <i>Journal of Economic Behavior and Organization</i> , 2008, 67, 355-380.	2.0	86
20	The evolution of the pharmaceutical industry. <i>Business History</i> , 2015, 57, 664-687.	0.8	82
21	Statistical regularities in the evolution of industries: a guide through some evidence and challenges for the theory. , 2007, , 153-186.		81
22	The magnitude of innovation by demand in a sectoral system: The role of industrial users in semiconductors. <i>Research Policy</i> , 2013, 42, 1-14.	6.4	73
23	Choice and action. <i>Journal of Evolutionary Economics</i> , 1996, 6, 43-76.	1.7	69
24	User-Industry Spinouts: Downstream Industry Knowledge as a Source of New Firm Entry and Survival. <i>Organization Science</i> , 2016, 27, 18-35.	4.5	63
25	A history-friendly model of the successive changes in industrial leadership and the catch-up by latecomers. <i>Research Policy</i> , 2017, 46, 431-446.	6.4	63
26	Exploring factors affecting international technological specialization: the role of knowledge flows and the structure of innovative activity. <i>Journal of Evolutionary Economics</i> , 2003, 13, 411-434.	1.7	60
27	Sectoral Systems of Innovation. , 2014, , .		59
28	Information, appropriability, and the generation of innovative knowledge four decades after Arrow and Nelson: an introduction. <i>Industrial and Corporate Change</i> , 2006, 15, 891-901.	2.8	57
29	The long march to catch-up: A history-friendly model of China's mobile communications industry. <i>Research Policy</i> , 2019, 48, 649-664.	6.4	54
30	China's System and Vision of Innovation: An Analysis in Relation to the Strategic Adjustment and the Medium- to Long-Term S&T Development Plan (2006-20). <i>Industry and Innovation</i> , 2009, 16, 369-388.	3.1	51
31	The fourth industrial revolution, changing global value chains and industrial upgrading in emerging economies. <i>Journal of Economic Policy Reform</i> , 2020, 23, 359-370.	2.9	47
32	Innovation, international R&D spillovers and the sectoral heterogeneity of knowledge flows. <i>Review of World Economics</i> , 2013, 149, 697-722.	2.0	44
33	History friendly models: retrospective and future perspectives. <i>Eurasian Business Review</i> , 2019, 9, 1-23.	4.2	44
34	Networked research: European policy intervention in ICTs. <i>Technology Analysis and Strategic Management</i> , 2009, 21, 833-857.	3.5	43
35	Technological regimes and demand structure in the evolution of the pharmaceutical industry. <i>Journal of Evolutionary Economics</i> , 2012, 22, 677-709.	1.7	42
36	Internal Capabilities And External Networks In Innovative Activities. Evidence From The Software Industry. <i>Economics of Innovation and New Technology</i> , 1992, 2, 49-71.	3.4	40

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37	Innovation, profitability and growth in medium and high-tech manufacturing industries: evidence from Italy. <i>Applied Economics</i> , 2012, 44, 1963-1976.	2.2	40
38	Pharmaceuticals analyzed through the lens of a sectoral innovation system. , 2004, , 73-120.		39
39	Sectoral Systems and Innovation and Technology Policy. <i>Revista Brasileira De Inovação</i> , 2003, 2, 329.	0.2	37
40	An evolutionary perspective on economic catch-up by latecomers. <i>Industrial and Corporate Change</i> , 2021, 30, 986-1010.	2.8	36
41	Demand as a source of entry and the survival of new semiconductor firms. <i>Industrial and Corporate Change</i> , 2010, 19, 1629-1654.	2.8	35
42	The structure and dynamics of networks of scientific collaborations in Northern Africa. <i>Scientometrics</i> , 2015, 105, 1787-1807.	3.0	35
43	Related yet diverging sectoral systems: telecommunications equipment and semiconductors in China. <i>Industry and Innovation</i> , 2017, 24, 190-212.	3.1	33
44	Public policy and catching up by developing countries in global industries: a simulation model. <i>Cambridge Journal of Economics</i> , 2017, 41, 927-960.	1.6	30
45	Knowledge-Intensive Innovative Entrepreneurship. <i>Foundations and Trends in Entrepreneurship</i> , 2019, 14, 555-681.	1.9	30
46	Services and systems of innovation. , 2004, , 287-322.		27
47	Demand structure and technological change: The case of the European semiconductor industry. <i>Research Policy</i> , 1985, 14, 283-297.	6.4	25
48	Linking vertically related industries: entry by employee spinouts across industry boundaries. <i>Industrial and Corporate Change</i> , 2019, 28, 529-550.	2.8	22
49	R&D cooperation between industry, universities and research organizations in Europe. <i>Technovation</i> , 1989, 9, 137-195.	7.8	20
50	Are Switching Costs Always Effective in Creating First-Mover Advantage? The Moderating Role of Demand and Technological Regimes. <i>Long Range Planning</i> , 2013, 46, 348-368.	4.9	19
51	Assessing the scientific and technological output of EU Framework Programmes: evidence from the FP6 projects in the ICT field. <i>Scientometrics</i> , 2011, 88, 239-257.	3.0	17
52	Knowledge-intensive entrepreneurship: sectoral patterns in a sample of European high-tech firms. <i>Technology Analysis and Strategic Management</i> , 2014, 26, 751-764.	3.5	17
53	Spinoffs in context: entry and performance across different industries. <i>Industrial and Corporate Change</i> , 2019, 28, 259-282.	2.8	16
54	Demand-led catch-up: a history-friendly model of latecomer development in the global green economy. <i>Industrial and Corporate Change</i> , 2021, 29, 1297-1318.	2.8	16

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55	Evolutionary Approaches to Innovation, the Firm, and the Dynamics of Industries. <i>Strategy Science</i> , 2021, 6, 265-289.	2.9	15
56	Innovation systems, innovation policy and restless capitalism. , 2007, , 441-454.		14
57	Increase Learning, Break Knowledge Lock-ins and Foster Dynamic Complementarities: Evolutionary and System Perspectives on Technology Policy in Industrial Dynamics. , 2009, ,		14
58	Bridging Knowledge Resources: The Location Choices of Spinouts. <i>Strategic Entrepreneurship Journal</i> , 2017, 11, 93-121.	4.4	13
59	Innovation, competition and sectoral evolution: an introduction to the special section on Industrial Dynamics. <i>Industrial and Corporate Change</i> , 2019, 28, 503-510.	2.8	13
60	Technological regimes, patent growth, and catching-up in green technologies. <i>Industrial and Corporate Change</i> , 2021, 30, 1084-1107.	2.8	13
61	Pre-entry experience, technological complementarities, and the survival of de-novo entrants. Evidence from the US telecommunications industry. <i>Economics of Innovation and New Technology</i> , 2016, 25, 573-593.	3.4	12
62	Innovation, industrial dynamics and structural transformation: Schumpeterian legacies. <i>Journal of Evolutionary Economics</i> , 2006, 16, 1-2.	1.7	11
63	The Behavior and Capabilities of Firms. , 0, , 85-103.		11
64	Userâ€™producer relations, innovation and the evolution of market structures under alternative contractual regimes. <i>Structural Change and Economic Dynamics</i> , 2010, 21, 26-40.	4.5	10
65	Catch-up and the entry strategies of latecomers: Chinese firms in the mobile phone sector. <i>Industrial and Corporate Change</i> , 2021, 30, 189-213.	2.8	9
66	Knowledge, supply and demand in industrial development: a sectoral systems perspective. <i>Innovation and Development</i> , 2011, 1, 167-185.	2.2	6
67	Time to exit: â€œevolving door effectâ€ or â€œSchumpeterian gale of creative destructionâ€?. <i>Journal of Evolutionary Economics</i> , 2021, 31, 1465-1494.	1.7	6
68	The made-in effect and leapfrogging: A model of leadership change for products with country-of-origin bias. <i>European Economic Review</i> , 2018, 101, 297-329.	2.3	4
69	Knowledge-Intensive Entrepreneurship and Future Research Directions. , 2018, , 433-463.		4
70	Knowledge resources and the acquisition of spinouts. <i>Eurasian Business Review</i> , 2022, 12, 277-313.	4.2	4
71	A tribute to Stan Metcalfe and his contributions to evolutionary theory, Schumpeterian dynamics and innovation systems. <i>Economics of Innovation and New Technology</i> , 2013, 22, 623-630.	3.4	2
72	Innovation and Market Structure in Pharmaceuticals: An Econometric Analysis on Simulated Data. <i>Jahrbucher Fur Nationalokonomie Und Statistik</i> , 2014, 234, 274-298.	0.7	1

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73	Technological Regimes and Demand Structure in the Evolution of the Pharmaceutical Industry. , 2013, , 61-94.		0
74	Innovation and Market Structure in Pharmaceuticals: An Econometric Analysis on Simulated Data. , 2014, , .		0
75	Moving Forward in Sectoral Systems Research. , 2018, , 27-52.		0
76	Introduction to the Special Section "Economic Catch-up by Latecomers" Industrial and Corporate Change, 0, , .	2.8	0
77	The legacy of Luigi Orsenigo as a scholar and as a friend. Remarks at the Conference in honour of Luigi Orsenigo at Bocconi University on December 2018. Journal of Evolutionary Economics, 2021, 31, 1405-1410.	1.7	0
78	Introduction to the special issue in honor of Luigi Orsenigo. Journal of Evolutionary Economics, 2021, 31, 1389-1403.	1.7	0
79	Introduction to the <i>Strategy Science</i> Special Issue on Evolutionary Approaches to Innovation, the Firm, and the Dynamics of Industries. Strategy Science, 2021, 6, iii-iv.	2.9	0