

Fabio Pammolli

List of Publications by Year in descending order

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Version: 2024-02-01

94
papers

5,154
citations

126708

33
h-index

95083

68
g-index

107
all docs

107
docs citations

107
times ranked

4890
citing authors

#	ARTICLE	IF	CITATIONS
1	The productivity crisis in pharmaceutical R&D. <i>Nature Reviews Drug Discovery</i> , 2011, 10, 428-438.	21.5	770
2	Economic and social consequences of human mobility restrictions under COVID-19. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 15530-15535.	3.3	707
3	A Comparison of U.S. and European University-Industry Relations in the Life Sciences. <i>Management Science</i> , 2002, 48, 24-43.	2.4	412
4	Technological change and network dynamics. <i>Research Policy</i> , 2001, 30, 485-508.	3.3	352
5	Innovation and corporate growth in the evolution of the drug industry. <i>International Journal of Industrial Organization</i> , 2001, 19, 1161-1187.	0.6	261
6	Reputation and impact in academic careers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 15316-15321.	3.3	222
7	The growth of business firms: Theoretical framework and empirical evidence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 18801-18806.	3.3	168
8	Persistence and uncertainty in the academic career. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 5213-5218.	3.3	124
9	A Breath of Fresh Air? Firm Type, Scale, Scope, and Selection Effects in Drug Development. <i>Management Science</i> , 2009, 55, 1638-1653.	2.4	108
10	Human mobility in response to COVID-19 in France, Italy and UK. <i>Scientific Reports</i> , 2021, 11, 13141.	1.6	94
11	The evolution of networks of innovators within and across borders: Evidence from patent data. <i>Research Policy</i> , 2015, 44, 651-668.	3.3	90
12	The size variance relationship of business firm growth rates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 19595-19600.	3.3	74
13	Is Europe Evolving Toward an Integrated Research Area?. <i>Science</i> , 2013, 339, 650-651.	6.0	73
14	On the size distribution of business firms. <i>Economics Letters</i> , 2008, 98, 207-212.	0.9	69
15	The sustainability of European health care systems: beyond income and aging. <i>European Journal of Health Economics</i> , 2012, 13, 623-634.	1.4	69
16	Reconstructing a credit network. <i>Nature Physics</i> , 2013, 9, 125-126.	6.5	69
17	Evolution of Controllability in Interbank Networks. <i>Scientific Reports</i> , 2013, 3, 1626.	1.6	68
18	Betweenness centrality of fractal and nonfractal scale-free model networks and tests on real networks. <i>Physical Review E</i> , 2007, 75, 056115.	0.8	67

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19	On size and growth of business firms. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2003, 324, 38-44.	1.2	61
20	The memory of science: Inflation, myopia, and the knowledge network. <i>Journal of Informetrics</i> , 2018, 12, 656-678.	1.4	59
21	A Multi-Level Geographical Study of Italian Political Elections from Twitter Data. <i>PLoS ONE</i> , 2014, 9, e95809.	1.1	59
22	Time, space and social interactions: exit mechanisms for the Covid-19 epidemics. <i>Scientific Reports</i> , 2020, 10, 13764.	1.6	57
23	The Evolution of Knowledge and the Dynamics of an Industry Network. <i>Journal of Management and Governance</i> , 1997, 1, 147-175.	2.4	56
24	The Growth of Business Firms: Facts and Theory. <i>Journal of the European Economic Association</i> , 2007, 5, 574-584.	1.9	54
25	Methods to account for citation inflation in research evaluation. <i>Research Policy</i> , 2019, 48, 1855-1865.	3.3	49
26	On firm growth in networks. <i>Research Policy</i> , 2002, 31, 1405-1416.	3.3	45
27	On Economic Complexity and the Fitness of Nations. <i>Scientific Reports</i> , 2017, 7, 15332.	1.6	44
28	Preferential attachment and growth dynamics in complex systems. <i>Physical Review E</i> , 2006, 74, 035103.	0.8	43
29	The endless frontier? The recent increase of R&D productivity in pharmaceuticals. <i>Journal of Translational Medicine</i> , 2020, 18, 162.	1.8	42
30	Statistical properties of business firms structure and growth. <i>Europhysics Letters</i> , 2004, 67, 498-503.	0.7	41
31	After the lockdown: simulating mobility, public health and economic recovery scenarios. <i>Scientific Reports</i> , 2020, 10, 16950.	1.6	40
32	Pharmaceuticals analyzed through the lens of a sectoral innovation system. , 2004, , 73-120.		39
33	Size-dependent standard deviation for growth rates: Empirical results and theoretical modeling. <i>Physical Review E</i> , 2008, 77, 056102.	0.8	38
34	Learning from Failures or Failing to Learn? Lessons from Pharmaceutical R&D. <i>European Management Review</i> , 2012, 9, 45-58.	2.2	38
35	Commodity prices co-movements and financial stability: A multidimensional visibility nexus with climate conditions. <i>Journal of Financial Stability</i> , 2021, 54, 100876.	2.6	33
36	Climate change and financial stability: Natural disaster impacts on global stock markets. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2022, 599, 127514.	1.2	32

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37	Disambiguation of patent inventors and assignees using high-resolution geolocation data. <i>Scientific Data</i> , 2017, 4, 170064.	2.4	30
38	The changing boundaries of system companies. <i>International Business Review</i> , 1996, 5, 539-560.	2.6	29
39	A generalized preferential attachment model for business firms growth rates. <i>European Physical Journal B</i> , 2007, 57, 131-138.	0.6	23
40	Quantifying the negative impact of brain drain on the integration of European science. <i>Science Advances</i> , 2017, 3, e1602232.	4.7	22
41	Scale-free models for the structure of business firm networks. <i>Physical Review E</i> , 2010, 81, 036117.	0.8	21
42	Financial earthquakes: SARS-CoV-2 news shock propagation in stock and sovereign bond markets. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2021, 582, 126240.	1.2	20
43	Technological Regimes and the Growth of Networks: An Empirical Analysis. <i>Small Business Economics</i> , 2002, 19, 205-215.	4.4	19
44	Patent disclosure and R&D competition in pharmaceuticals. <i>Economics of Innovation and New Technology</i> , 2009, 18, 467-486.	2.1	19
45	Socioeconomic differences and persistent segregation of Italian territories during COVID-19 pandemic. <i>Scientific Reports</i> , 2021, 11, 21174.	1.6	18
46	A generalized preferential attachment model for business firms growth rates. <i>European Physical Journal B</i> , 2007, 57, 127-130.	0.6	16
47	A behavioral approach to instability pathways in financial markets. <i>Nature Communications</i> , 2020, 11, 1707.	5.8	15
48	Market Structure And Drug Innovation. <i>Health Affairs</i> , 2004, 23, 48-50.	2.5	14
49	Network communities within and across borders. <i>Scientific Reports</i> , 2014, 4, 4546.	1.6	14
50	Learning from successes and failures in pharmaceutical R&D. <i>Journal of Evolutionary Economics</i> , 2016, 26, 271-290.	0.8	14
51	Spatial heterogeneity in non-parametric efficiency: An application to Italian hospitals. <i>Social Science and Medicine</i> , 2019, 239, 112544.	1.8	14
52	Communities and regularities in the behavior of investment fund managers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 6569-6574.	3.3	14
53	Nature of innovation and technology management in system companies. <i>R and D Management</i> , 1999, 29, 57-69.	3.0	13
54	Economic evaluation of HIV treatments: The I.CO.N.A. cohort study. <i>Health Policy</i> , 2005, 74, 304-313.	1.4	13

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55	Effects of mobility restrictions during COVID19 in Italy. Scientific Reports, 2021, 11, 21783.	1.6	12
56	Technological regimes and the evolution of networks of innovators. Lessons from biotechnology and pharmaceuticals. International Journal of Technology Management, 2003, 25, 334.	0.2	11
57	Investment communities: Behavioral attitudes and economic dynamics. Social Networks, 2018, 55, 170-188.	1.3	11
58	Weighted networks as randomly reinforced urn processes. Physical Review E, 2013, 87, 020106.	0.8	10
59	Financial crises: Uncovering self-organized patterns and predicting stock markets instability. Journal of Business Research, 2021, 129, 736-756.	5.8	10
60	The Accounting Network: How Financial Institutions React to Systemic Crisis. PLoS ONE, 2016, 11, e0162855.	1.1	9
61	Real Options and Incremental Search in Pharmaceutical & Project Portfolio Management. Creativity and Innovation Management, 2016, 25, 292-302.	1.9	9
62	The Nature and the Extent of the Market for Technology in Biopharmaceuticals. , 2004, , 175-202.		9
63	Object-oriented influence diagram for cost-effectiveness analysis of influenza vaccination in the Italian elderly population. Expert Review of Pharmacoeconomics and Outcomes Research, 2006, 6, 293-301.	0.7	8
64	Border sensitive centrality in global patent citation networks. Journal of Complex Networks, 2014, 2, 518-536.	1.1	8
65	Banks'™ business strategies on the edge of distress. Annals of Operations Research, 2021, 299, 481-530.	2.6	7
66	Long-term correlations in short, non-stationary time series: An application to international R&D collaborations. Journal of Informetrics, 2019, 13, 583-592.	1.4	5
67	Intragenerational redistribution in a funded pension system. Journal of Pension Economics and Finance, 2019, 18, 271-303.	0.6	4
68	The network origins of Schumpeterian innovation. Journal of Evolutionary Economics, 2021, 31, 1411-1431.	0.8	4
69	Growth and diversification patterns of the worldwide pharmaceutical industry. , 0, , 208-233.		4
70	A Comparison of Game-Theoretic Models for Parallel Trade. International Game Theory Review, 2018, 20, 1850003.	0.3	3
71	Better to stay apart: asset commonality, bipartite network centrality, and investment strategies. Annals of Operations Research, 2021, 299, 177-213.	2.6	3
72	Market instability and the size-variance relationship. Scientific Reports, 2021, 11, 5737.	1.6	3

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73	Methods to Account for Citation Inflation in Research Evaluation. SSRN Electronic Journal, 2018, , .	0.4	2
74	Welfare and research and development incentive effects of uniform and differential pricing schemes. Computational Management Science, 2022, 19, 229-268.	0.8	2
75	Systemic Importance of Financial Institutions: Regulations, Research, Open Issues, Proposals. SSRN Electronic Journal, 0, , .	0.4	2
76	Access to Medicines and European Market Integration. SSRN Electronic Journal, 0, , .	0.4	2
77	Systemic risk and banking regulation: Some facts on the new regulatory framework. Corporate Ownership and Control, 2015, 12, 52-63.	0.5	2
78	Bayesian cost-effectiveness analysis based on the persistence with antihypertensive treatment. Expert Review of Pharmacoeconomics and Outcomes Research, 2003, 3, 227-236.	0.7	1
79	Public Research and Industrial Innovation: A Comparison of US and European Innovation Systems in the Life Sciences. , 2003, , .		1
80	Research and Development (R&D) Alliances. , 2016, , 1-6.		1
81	Technological Paradigms and the Evolution of Networks: Lessons from the Pharmaceutical Industry. , 2003, , .		1
82	Border Sensitive Centralities in Patent Citation Networks Using Asymmetric Random Walks. , 2013, , .		0
83	Disambiguation of Patent Inventors and Assignees Using High-Resolution Geolocation Data. SSRN Electronic Journal, 0, , .	0.4	0
84	Peer-Group Detection of Banks and Resilience to Distress. SSRN Electronic Journal, 2016, , .	0.4	0
85	Assessing financial distress dependencies in OTC markets: a new approach using trade repositories data. Financial Markets and Portfolio Management, 2016, 30, 397-426.	0.8	0
86	Empirical Regularities. , 2020, , 9-22.		0
87	Innovation and the Growth of Business Firms A Stochastic Framework. , 2020, , 23-92.		0
88	Testing Our Predictions. , 2020, , 93-123.		0
89	Testing Our Assumptions. , 2020, , 124-153.		0
90	Research and Development (R&D) Alliances. , 2018, , 1426-1430.		0

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91	Connected from the outside: The role of U.S. regions in promoting the integration of the European research system. <i>Quantitative Science Studies</i> , 0, , 1-24.	1.6	0
92	The Way Ahead Towards Advanced Automation: Policy Implication for Core Italian Manufacturing Regions. <i>SpringerBriefs in Business</i> , 2021, , 127-133.	0.3	0
93	Participation in Global Supply Chains and the Offshorability of Italian Jobs. <i>SpringerBriefs in Business</i> , 2021, , 39-54.	0.3	0
94	Digital Manufacturing and the Transformation of the Automotive Industry. <i>SpringerBriefs in Business</i> , 2021, , 55-126.	0.3	0