Adam B Jaffe

List of Publications by Year
in descending order

84 papers	24,280 citations	94433 37 h-index	98798 67 g-index
120 all docs	120 docs citations	120 times ranked	8497 citing authors

#	Article	IF	Citations
1	Geographic Localization of Knowledge Spillovers as Evidenced by Patent Citations. Quarterly Journal of Economics, 1993, 108, 577-598.	8.6	5,598
2	Environmental Regulation and Innovation: A Panel Data Study. Review of Economics and Statistics, 1997, 79, 610-619.	4.3	1,468
3	The energy-efficiency gap What does it mean?. Energy Policy, 1994, 22, 804-810.	8.8	1,104
4	A tale of two market failures: Technology and environmental policy. Ecological Economics, 2005, 54, 164-174.	5.7	1,093
5	Universities as a Source of Commercial Technology: A Detailed Analysis of University Patenting, 1965â€“1988. Review of Economics and Statistics, 1998, 80, 119-127.	4.3	958
6	University Versus Corporate Patents: A Window On The Basicness Of Invention. Economics of Innovation and New Technology, 1997, 5, 19-50.	3.4	869
7	The Induced Innovation Hypothesis and Energy-Saving Technological Change. Quarterly Journal of Economics, 1999, 114, 941-975.	8.6	736
8	Environmental Policy and Technological Change. Environmental and Resource Economics, 2002, 22, 41-70.	3.2	693
9	Knowledge Spillovers and Patent Citations: Evidence from a Survey of Inventors. American Economic Review, 2000, 90, 215-218.	8.5	629
10	The energy paradox and the diffusion of conservation technology. Resources and Energy Economics, 1994, 16, 91-122.	2.5	470
11	Dynamic Incentives of Environmental Regulations: The Effects of Alternative Policy Instruments on Technology Diffusion. Journal of Environmental Economics and Management, 1995, 29, S43-S63.	4.7	454
12	The U.S. patent system in transition: policy innovation and the innovation process. Research Policy, 2000, 29, 531-557.	6.4	446
13	International Knowledge Flows: Evidence From Patent Citations. Economics of Innovation and New Technology, 1999, 8, 105-136.	3.4	405
14	Do alliances promote knowledge flows?. Journal of Financial Economics, 2006, 80, 5-33.	9.0	376
15	Characterizing the â€œtechnological positionâ€•of firms, with application to quantifying technological opportunity and research spillovers. Research Policy, 1989, 18, 87-97.	6.4	289
16	Energy, the Environment, and Technological Change. Handbook of the Economics of Innovation, 2010, 2, 873-937.	1.6	276
17	Technological change and the Environment. Handbook of Environmental Economics, 2003, 1, 461-516.	0.1	269
18	Flows of knowledge from universities and federal laboratories: Modeling the flow of patent citations over time and across institutional and geographic boundaries. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 12671-12677.	7.1	254

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19	Bounding the Effects of R&D: An Investigation Using Matched Establishment-Firm Data. RAND Journal of Economics, 1996, 27, 700.	2.3	224
20	Evidence from Patents and Patent Citations on the Impact of NASA and Other Federal Labs on Commercial Innovation. Journal of Industrial Economics, 1998, 46, 183-205.	1.3	221
21	Patent citations and international knowledge flow: the cases of Korea and Taiwan. International Journal of Industrial Organization, 2003, 21, 849-880.	1.2	219
22	Demand and Supply Influences in R & D Intensity and Productivity Growth. Review of Economics and Statistics, 1988, 70, 431.	4.3	185
23	How High Are the Giants' Shoulders: An Empirical Assessment of Knowledge Spillovers and Creative Destruction in a Model of Economic Growth. NBER Macroeconomics Annual, 1993, 8, 15-74.	3.8	170
24	Reinventing Public R&D: Patent Policy and the Commercialization of National Laboratory Technologies. RAND Journal of Economics, 2001, 32, 167.	2.3	168
25	Patent citation data in social science research: Overview and best practices. Journal of the Association for Information Science and Technology, 2017, 68, 1360-1374.	2.9	158
26	How High Are the Giants' Shoulders: An Empirical Assessment of Knowledge Spillovers and Creative Destruction in a Model of Economic Growth. NBER Macroeconomics Annual, 1993, 8, 15.	3.8	143
27	Building Programme Evaluation into the Design of Public Research-Support Programmes. Oxford Review of Economic Policy, 2002, 18, 22-34.	1.9	142
28	Patent Citations and the Geography of Knowledge Spillovers: A Reassessment: Comment. American Economic Review, 2005, 95, 461-464.	8.5	136
29	Industrial Research during the 1980s: Did the Rate of Return Fall?. Brookings Papers on Economic Activity Microeconomics, 1993, 1993, 289.	1.6	121
30	Effect Of Liquidity On Firms' R&D Spending. Economics of Innovation and New Technology, 1993, 2, 275-282.	3.4	106
31	Managing care through the air [remote health monitoring. IEEE Spectrum, 2004, 41, 26-31.	0.7	105
32	Economics of Energy Efficiency. , 2004, , 79-90.		99
33	The importance of â€œspilloversâ€•in the policy mission of the advanced technology program. Journal of Technology Transfer, 1998, 23, 11-19.	4.3	96
34	Energy-Efficiency Investments and Public Policy. Energy Journal, 1994, 15, 43-65.	1.7	85
35	Patent Quality: Towards a Systematic Framework for Analysis and Measurement. Research Policy, 2021, 50, 104215.	6.4	76
36	The effects of economic and policy incentives on carbon mitigation technologies. Energy Economics, 2006, 28, 563-578.	12.1	69

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37	The impact of R&D subsidy on innovation: evidence from New Zealand firms. Economics of Innovation and New Technology, 2017, 26, 429-452.	3.4	52
38	Mapping the global influence of published research on industry and innovation. Nature Biotechnology, 2018, 36, 31-39.	17.5	51
39	Technology Policy for Energy and the Environment. Innovation Policy and the Economy, 2004, 4, 35-68.	4.7	46
40	Are patent fees effective at weeding out lowâ€quality patents?. Journal of Economics and Management Strategy, 2018, 27, 134-148.	0.8	46
41	Energy-Efficient Technologies and Climate Change Policies: Issues and Evidence. SSRN Electronic Journal, 0, , .	0.4	46
42	Innovation and Its Discontents. Capitalism and Society, 2006, 1, .	0.3	45
43	Innovation and Its Discontents. Innovation Policy and the Economy, 2006, 6, 27-65.	4.7	45
44	Should electricity markets have a capacity requirement? If so, how should it be priced?. Electricity Journal, 1996, 9, 52-60.	2.5	32
45	Market Power of Local Cable Television Franchises: Evidence from the Effects of Deregulation. RAND Journal of Economics, 1990, 21, 226.	2.3	28
46	Trends and patterns in research and development expenditures in the United States. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 12658-12663.	7.1	28
47	Environmental Policy and Technological Change. SSRN Electronic Journal, 2002, , .	0.4	27
48	The Induced Innovation Hypothesis and Energy-Saving Technological Change. SSRN Electronic Journal, 2000, , .	0.4	26
49	Econometric evidence on the depreciation of innovations. European Economic Review, 2018, 101, 625-642.	2.3	26
50	Intangible Investment and Firm Performance. Review of Industrial Organization, 2018, 52, 509-559.	0.7	22
51	The effect of public funding on research output: the New Zealand Marsden Fund. New Zealand Economic Papers, 2018, 52, 227-248.	0.8	17
52	Academic science and entrepreneurship: Dual engines of growth?. Journal of Economic Behavior and Organization, 2007, 63, 573-576.	2.0	16
53	The procurement of innovation by the U.S. government. PLoS ONE, 2019, 14, e0218927.	2.5	16
54	Inside the Pin-Factory: Empirical Studies Augmented by Manager Interviews. Journal of Industrial Economics, 2003, 46, 123-124.	1.3	14

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55	Diffusion of Green Technology: A Survey. International Review of Environmental and Resource Economics, 2014, 7, 1-33.	1.3	14
56	Bounding The Effects of R&D An Investigation Using Matched Establishment-Firm Data. SSRN Electronic Journal, 0, , .	0.4	12
57	The â€œScience of Science Policyâ€• reflections on the important questions and the challenges they present. Journal of Technology Transfer, 2008, 33, 131-139.	4.3	10
58	International Taxation and the Location of Inventive Activity. , 2001, , 201-230.		10
59	TECHNOLOGY POLICY AND CLIMATE CHANGE. Climate Change Economics, 2012, 03, 1250025.	5.0	9
60	Induced innovation and technology trajectory: Evidence from smoking cessation products. Research Policy, 2013, 42, 15-22.	6.4	9
61	Productivity Distribution and Drivers of Productivity Growth in the Construction Industry. SSRN Electronic Journal, 2016, , .	0.4	9
62	Exporting, Innovation and the Role of Immigrants. SSRN Electronic Journal, 0, , .	0.4	8
63	Research funding and collaboration. Research Policy, 2022, 51, 104421.	6.4	8
64	The Effect of Public Funding on Research Output: The New Zealand Marsden Fund. SSRN Electronic Journal, 0, , .	0.4	6
65	Linking scientific research and energy innovation: A comparison of clean and dirty technologies. Energy Research and Social Science, 2021, 78, 102122.	6.4	6
66	Special Issue On Geography And Innovation. Economics of Innovation and New Technology, 1999, 8, 1-4.	3.4	5
67	Technological Change and the Environment. SSRN Electronic Journal, 2000, , .	0.4	4
68	Innovation and Its Discontents. , 0, , 268-300.		4
69	The Science, Economics, and Politics of Global Climate Change: A Review of The Climate Casino by William Nordhaus. Journal of Economic Literature, 2015, 53, 79-91.	6.5	4
70	University Patenting Amid Changing Incentives for Commercialization. , 1998, , 87-114.		4
71	Agricultural Productivity in New Zealand: First Estimates from the Longitudinal Business Database. SSRN Electronic Journal, 0, , .	0.4	3
72	Diffusion of Green Technology: A Survey. SSRN Electronic Journal, 0, , .	0.4	2

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73	Peanut Butter Patents Versus the New Economy: Does the Increased Rate of Patenting Signal More Invention or Just Lower Standards?. SSRN Electronic Journal, 0, , .	0.4	2
74	Adam Jaffe and Frank Felder respond:. Electricity Journal, 1997, 10, 2.	2.5	1
75	Science and innovation in small countries: speculation and research agenda. Asia-Pacific Journal of Accounting and Economics, 2015, 22, 4-12.	1.2	1
76	Lessons from the Economics Literature on the Likely Consequences of International Harmonization of IPR Protection. , 2014, , 89-110.		1
77	Productivity and U.S. Economic Growth. ByDale W. Jorgenson, Frank M. Gollop, and Barbara M. Fraumeni Â· Cambridge, Mass.: Harvard University Press, 1988. 567 pp. Illustrations, charts, tables, appendixes, notes, references, and index. $32.00.. Business History Review, 1990, 64, 549-550.	0.4	0
78	Regional Localization of Technological Accumulation: Application to the Tri-State Region. Annals of the New York Academy of Sciences, 1996, 787, 121-142.	3.8	0
79	[What Do Technology Shocks Do?]: Comment. NBER Macroeconomics Annual, 1998, 13, 317-320.	3.8	0
80	Introduction to Volume 7. Innovation Policy and the Economy, 2006, 7, xi-xv.	4.7	0
81	Are Patent Fees Effective at Weeding Out Low-Quality Patents?. SSRN Electronic Journal, 0, , .	0.4	0
82	The Impact of R&D Subsidy on Innovation: A Study of New Zealand Firms. SSRN Electronic Journal, 0, , .	0.4	0
83	Are Patent Fees Effective at Weeding Out Low-Quality Patents?. SSRN Electronic Journal, 0, , .	0.4	0
84	Patent Quality: Towards a Systematic Framework for Analysis and Measurement. SSRN Electronic Journal, 0, , .	0.4	0