

Jan Youtie

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

111
papers

2,884
citations

27
h-index

50
g-index

124
ext. papers

3,281
ext. citations

3.6
avg, IF

5.66
L-index

#	Paper	IF	Citations
111	Building an innovation hub: A case study of the transformation of university roles in regional technological and economic development. <i>Research Policy</i> , 2008 , 37, 1188-1204	7.5	283
110	Refining search terms for nanotechnology. <i>Journal of Nanoparticle Research</i> , 2008 , 10, 715-728	2.3	252
109	The evolving state-of-the-art in technology transfer research: Revisiting the contingent effectiveness model. <i>Research Policy</i> , 2015 , 44, 34-49	7.5	198
108	How interdisciplinary is nanotechnology?. <i>Journal of Nanoparticle Research</i> , 2009 , 11, 1023-1041	2.3	148
107	Assessing the nature of nanotechnology: can we uncover an emerging general purpose technology?. <i>Journal of Technology Transfer</i> , 2008 , 33, 315-329	4.4	129
106	Capturing new developments in an emerging technology: an updated search strategy for identifying nanotechnology research outputs. <i>Scientometrics</i> , 2013 , 95, 351-370	3	114
105	Nanotechnology publications and citations by leading countries and blocs. <i>Journal of Nanoparticle Research</i> , 2008 , 10, 981-986	2.3	89
104	Patent overlay mapping: Visualizing technological distance. <i>Journal of the Association for Information Science and Technology</i> , 2014 , 65, 2432-2443	2.7	82
103	A systematic method to create search strategies for emerging technologies based on the Web of Science: illustrated for Big Data. <i>Scientometrics</i> , 2015 , 105, 2005-2022	3	70
102	Where does nanotechnology belong in the map of science?. <i>Nature Nanotechnology</i> , 2009 , 4, 534-6	28.7	60
101	National innovation systems and the globalization of nanotechnology innovation. <i>Journal of Technology Transfer</i> , 2011 , 36, 587-604	4.4	59
100	Is there a shift to "active nanostructures"?. <i>Journal of Nanoparticle Research</i> , 2010 , 12, 1-10	2.3	51
99	Research collaboration experiences, good and bad: Dispatches from the front lines. <i>Science and Public Policy</i> , 2016 , 43, 226-244	1.8	50
98	Institutionalization of university research centers: The case of the National Cooperative Program in Infertility Research. <i>Technovation</i> , 2006 , 26, 1055-1063	7.9	48
97	Tracking the emergence of synthetic biology. <i>Scientometrics</i> , 2017 , 112, 1439-1469	3	46
96	Is there a clubbing effect underlying Chinese research citation Increases?. <i>Journal of the Association for Information Science and Technology</i> , 2015 , 66, 1923-1932	2.7	46
95	Learning to play the game: Student publishing as an indicator of future scholarly success. <i>Technological Forecasting and Social Change</i> , 2014 , 81, 56-66	9.5	41

94	Drivers of technology adoption [the case of nanomaterials in building construction. <i>Technological Forecasting and Social Change</i> , 2014 , 87, 232-244	9.5	38
93	Knowledge economy measurement: Methods, results and insights from the Malaysian Knowledge Content Study. <i>Research Policy</i> , 2006 , 35, 1522-1537	7.5	38
92	Social dynamics of research collaboration: norms, practices, and ethical issues in determining co-authorship rights. <i>Scientometrics</i> , 2014 , 101, 953-962	3	37
91	Trouble in Paradise: Problems in Academic Research Co-authoring. <i>Science and Engineering Ethics</i> , 2016 , 22, 1717-1743	3.1	36
90	The emergence of social science research on nanotechnology. <i>Scientometrics</i> , 2010 , 85, 595-611	3	36
89	Current practices in the evaluation of US industrial modernization programs. <i>Research Policy</i> , 1996 , 25, 185-214	7.5	33
88	Using the wayback machine to mine websites in the social sciences: A methodological resource. <i>Journal of the Association for Information Science and Technology</i> , 2016 , 67, 1904-1915	2.7	33
87	Entry strategies in an emerging technology: a pilot web-based study of graphene firms. <i>Scientometrics</i> , 2013 , 95, 1189-1207	3	32
86	Socio-economic impacts and public value of government-funded research: Lessons from four US National Science Foundation initiatives. <i>Research Policy</i> , 2017 , 46, 1387-1398	7.5	28
85	How Does National Scientific Funding Support Emerging Interdisciplinary Research: A Comparison Study of Big Data Research in the US and China. <i>PLoS ONE</i> , 2016 , 11, e0154509	3.7	28
84	Using web mining to explore Triple Helix influences on growth in small and mid-size firms. <i>Technovation</i> , 2018 , 76-77, 3-14	7.9	25
83	Pathways from discovery to commercialisation: using web sources to track small and medium-sized enterprise strategies in emerging nanotechnologies. <i>Technology Analysis and Strategic Management</i> , 2012 , 24, 981-995	3.2	24
82	A bibliometric analysis of the development of next generation active nanotechnologies. <i>Journal of Nanoparticle Research</i> , 2016 , 18, 1	2.3	24
81	Bibliographic coupling and network analysis to assess knowledge coalescence in a research center environment. <i>Research Evaluation</i> , 2013 , 22, 145-156	1.7	22
80	Career-based influences on scientific recognition in the United States and Europe: Longitudinal evidence from curriculum vitae data. <i>Research Policy</i> , 2013 , 42, 1341-1355	7.5	20
79	Early patterns of commercial activity in graphene. <i>Journal of Nanoparticle Research</i> , 2012 , 14, 1	2.3	20
78	Building capabilities for innovation in SMEs: a cross-country comparison of technology extension policies and programmes. <i>International Journal of Innovation and Regional Development</i> , 2011 , 3, 254	0.3	20
77	Program-level assessment of research centers: Contribution of Nanoscale Science and Engineering Centers to US Nanotechnology National Initiative goals. <i>Research Evaluation</i> , 2012 , 21, 368-380	1.7	19

76	Robotic Bureaucracy: Administrative Burden and Red Tape in University Research. <i>Public Administration Review</i> , 2020 , 80, 157-162	5.8	19
75	Institutionalization of international university research ventures. <i>Research Policy</i> , 2017 , 46, 1692-1705	7.5	18
74	Why do technology firms publish scientific papers? The strategic use of science by small and midsize enterprises in nanotechnology. <i>Journal of Technology Transfer</i> , 2015 , 40, 1016-1033	4.4	18
73	The use of environmental, health and safety research in nanotechnology research. <i>Journal of Nanoscience and Nanotechnology</i> , 2011 , 11, 158-66	1.3	18
72	Research addressing emerging technological ideas has greater scientific impact. <i>Research Policy</i> , 2019 , 48, 103834	7.5	17
71	Updating a search strategy to track emerging nanotechnologies. <i>Journal of Nanoparticle Research</i> , 2019 , 21, 1	2.3	16
70	A measure of knowledge flow between specific fields: Implications of interdisciplinarity for impact and funding. <i>PLoS ONE</i> , 2017 , 12, e0185583	3.7	16
69	Toward a more precise definition of self-citation. <i>Scientometrics</i> , 2013 , 94, 777-780	3	16
68	Tracking researchers and their outputs: new insights from ORCIDs. <i>Scientometrics</i> , 2017 , 113, 437-453	3	16
67	Measuring the development of a common scientific lexicon in nanotechnology. <i>Journal of Nanoparticle Research</i> , 2014 , 16, 1	2.3	16
66	Knowledge, Capabilities and Manufacturing Innovation: A USA-Europe Comparison. <i>Regional Studies</i> , 2010 , 44, 253-279	3.4	16
65	Measures for knowledge-based economic development: Introducing data mining techniques to economic developers in the state of Georgia and the US South. <i>Technological Forecasting and Social Change</i> , 2006 , 73, 950-965	9.5	16
64	Navigating the innovation trajectories of technology by combining specialization score analyses for publications and patents: graphene and nano-enabled drug delivery. <i>Scientometrics</i> , 2016 , 106, 1057-1071	3	15
63	Social science contributions compared in synthetic biology and nanotechnology. <i>Journal of Responsible Innovation</i> , 2015 , 2, 143-148	2.1	15
62	Mapping the nanotechnology enterprise: a multi-indicator analysis of emerging nanodistricts in the US South. <i>Journal of Technology Transfer</i> , 2008 , 33, 209-223	4.4	15
61	Using an evaluability assessment to select methods for evaluating state technology development programs: the case of the Georgia Research Alliance. <i>Evaluation and Program Planning</i> , 1999 , 22, 55-64	1.7	15
60	The Economic Contributions of Nanotechnology to Green and Sustainable Growth 2015 , 409-434		14
59	Signs of things to come? What patent submissions by small and medium-sized enterprises say about corporate strategies in emerging technologies. <i>Technological Forecasting and Social Change</i> , 2014 , 85, 17-25	9.5	14

58	Field of Dreams Revisited: Economic Development and Telecommunications in LaGrange, Georgia. <i>Economic Development Quarterly</i> , 2000 , 14, 146-153	0.5	14
57	Visualising potential innovation pathways in a workshop setting: the case of nano-enabled biosensors. <i>Technology Analysis and Strategic Management</i> , 2012 , 24, 527-542	3.2	13
56	Supply, demand and ICT-based services: A local level perspective. <i>Telecommunications Policy</i> , 2007 , 31, 347-358	4	13
55	Evaluating industrial modernization: Methods, results, and insights from the Georgia Manufacturing Extension Alliance. <i>Journal of Technology Transfer</i> , 1998 , 23, 17-27	4.4	12
54	Teaching with Internet and Multimedia Technologies: Insights from an Online Seminar on Industrial Modernization. <i>Journal of Planning Education and Research</i> , 2001 , 21, 71-83	1.8	12
53	Crossing borders: A citation analysis of connections between Cognitive Science and Educational Research and the fields in between. <i>Research Evaluation</i> , 2017 , 26, 242-255	1.7	11
52	Credibility and use of scientific and technical information in policy making: An analysis of the information bases of the National Research Council committee reports. <i>Research Policy</i> , 2017 , 46, 108-120	7.5	10
51	Introduction to the symposium issue: nanotechnology innovation and policy current strategies and future trajectories. <i>Journal of Technology Transfer</i> , 2011 , 36, 581-586	4.4	10
50	Manufacturing partnerships: Evaluation in the context of government reform. <i>Evaluation and Program Planning</i> , 1997 , 20, 103-112	1.7	9
49	Evaluation of industrial modernization programs: The field agent's perspective. <i>Journal of Technology Transfer</i> , 1998 , 23, 43-47	4.4	9
48	Tech mining to validate and refine a technology roadmap. <i>World Patent Information</i> , 2018 , 55, 1-18	1.4	8
47	National nanotechnology research prominence. <i>Technology Analysis and Strategic Management</i> , 2019 , 31, 25-39	3.2	8
46	Federally sponsored multidisciplinary research centers: Learning, evaluation, and vicious circles. <i>Evaluation and Program Planning</i> , 2011 , 34, 13-20	1.7	8
45	Media Access		8
44	Mapping the emergence of international university research ventures. <i>Journal of Technology Transfer</i> , 2019 , 44, 1134-1162	4.4	8
43	Mapping graphene science and development: Focused research with multiple application areas 2015 , 41, 22-25		7
42	Linking research production and development outcomes at the regional level. <i>Research Evaluation</i> , 2003 , 12, 105-116	1.7	7
41	Dueling Co-Authors: How Collaborators Create and Sometimes Solve Contributorship Conflicts. <i>Minerva</i> , 2016 , 54, 375-397	1.9	7

40	Plans versus experiences in transitioning transnational education into research and economic development: a case study. <i>Science and Public Policy</i> , 2018 , 45, 103-116	1.8	6
39	Acquiring nanotechnology capabilities: role of mergers and acquisitions. <i>Technology Analysis and Strategic Management</i> , 2014 , 26, 547-563	3.2	6
38	Measuring dynamic capabilities in new ventures: exploring strategic change in US green goods manufacturing using website data. <i>Journal of Technology Transfer</i> , 2020 , 45, 1451-1480	4.4	6
37	Inter-industry knowledge flows and sectoral networks in the economy of Malaysia. <i>Knowledge Management Research and Practice</i> , 2016 , 14, 280-294	2.1	5
36	What people learn about how people learn: An analysis of citation behavior and the multidisciplinary flow of knowledge. <i>Research Policy</i> , 2019 , 48, 103835	7.5	5
35	When Is Science Used in Science Policy? Examining the Importance of Scientific and Technical Information in National Research Council Reports. <i>Review of Policy Research</i> , 2019 , 36, 262-289	1.5	5
34	Learning about learning: patterns of sharing of research knowledge among Education, Border, and Cognitive Science fields. <i>Scientometrics</i> , 2019 , 118, 1093-1117	3	4
33	Meta Data: Big Data Research Evolving across Disciplines, Players, and Topics 2015 ,		4
32	Exploring public values implications of the I-Corps program. <i>Journal of Technology Transfer</i> , 2017 , 42, 1362-1376	4.4	4
31	Tracking customer progress: A follow-up study of customers of the Georgia Manufacturing Extension Alliance. <i>Journal of Technology Transfer</i> , 1997 , 22, 43-52	4.4	4
30	Learning to Innovate: Building Regional Technology Development Learning Networks in Midsized Cities. <i>European Planning Studies</i> , 2008 , 16, 1207-1228	3.2	4
29	How companies respond to growing research costs: cost control or value creation. <i>International Journal of Technology Management</i> , 2020 , 82, 1	1.2	4
28	Death by a Thousand 10-Minute Tasks: Workarounds and Noncompliance in University Research Administration. <i>Administration and Society</i> , 2021 , 53, 527-568	2.5	4
27	Evaluating the Impact of Manufacturing Extension Services on Establishment Performance. <i>Economic Development Quarterly</i> , 2018 , 32, 29-43	0.5	3
26	Big Data and Business: Tech Mining to Capture Business Interests and Activities around Big Data 2016 ,		3
25	Early social science research about Big Data. <i>Science and Public Policy</i> , 2016 , scw021	1.8	3
24	The Values of Synthetic Biology: Researcher Views of Their Field and Participation in Public Engagement. <i>BioScience</i> , 2018 , 68, 782-791	5.7	3
23	The use of citation speed to understand the effects of a multi-institutional science center. <i>Scientometrics</i> , 2014 , 100, 613-621	3	3

22	Perceptions and actions: relationships of views on risk with citation actions of nanotechnology scientists. <i>Research Evaluation</i> , 2011 , 20, 377-388	1.7	3
21	Coordinating industrial modernization services: Impacts and insights from the U.S. Manufacturing Extension Partnership. <i>Journal of Technology Transfer</i> , 1997 , 22, 5-10	4.4	3
20	Exploring Links Between Innovation and Profitability in Georgia Manufacturers. <i>Economic Development Quarterly</i> , 2018 , 32, 271-287	0.5	3
19	Robotic Bureaucracy and Administrative Burden: What Are the Effects of Universities' Computer Automated Research Grants Management Systems?. <i>Research Policy</i> , 2020 , 49, 103980	7.5	2
18	Lessons From 10 Years of Nanotechnology Bibliometric Analysis 2018 , 11-31		2
17	Measuring Interdisciplinary Research Categories and Knowledge Transfer: A Case Study of Connections between Cognitive Science and Education. <i>Perspectives on Science</i> , 2019 , 27, 582-618	0.6	2
16	A scientometric comparative study of single-walled and multi-walled carbon nanotubes research. <i>Proceedings of the Association for Information Science and Technology</i> , 2015 , 52, 1-4	0.4	2
15	Contrasting perspectives on the evaluation of industrial modernization: Introduction to the symposium. <i>Journal of Technology Transfer</i> , 1998 , 23, 3-6	4.4	2
14	Innovation Strategies and Manufacturing Practices: Insights from the 2005 Georgia Manufacturing Survey		2
13	Interdisciplinary knowledge combinations and emerging technological topics: Implications for reducing uncertainties in research evaluation. <i>Research Evaluation</i> , 2021 , 30, 127-140	1.7	2
12	Research network emergence: Societal issues in nanotechnology and the center for nanotechnology in society. <i>Science and Public Policy</i> , 2019 , 46, 126-135	1.8	2
11	Understanding the long-term emergence of autonomous vehicles technologies. <i>Technological Forecasting and Social Change</i> , 2021 , 170, 120852	9.5	2
10	Visual Analysis of Patent Data Through Global Maps and Overlays. <i>The Kluwer International Series on Information Retrieval</i> , 2017 , 281-295	0.7	1
9	Early Patterns of Commercialization in Graphene 2013 , 161-180		1
8	A brief history of the future of manufacturing: US manufacturing technology forecasts in retrospective, 1950-present. <i>International Journal of Foresight and Innovation Policy</i> , 2007 , 3, 311	0.7	1
7	Regulatory Reform and the Promise of New Telecommunications Infrastructure in New Jersey. <i>Information Society</i> , 1996 , 12, 425-437	1.9	1
6	Policy Strategies Along the Information Superhighway. <i>Review of Policy Research</i> , 1995 , 14, 99-106	1.5	1
5	Metropolitan Development of Nanotechnology: Concentration or Dispersion? 2010 , 165-180		1

4	The Impact of I-Corps on Accelerating Venture Discontinuation in a Southeastern US University. <i>Science and Public Policy</i> , 2021 , 48, 474-487	1.8	1
3	Exploring New approaches to understanding innovation ecosystems. <i>Technology Analysis and Strategic Management</i> , 1-15	3.2	1
2	Corporate engagement with nanotechnology through research publications. <i>Journal of Nanoparticle Research</i> , 2021 , 23, 1	2.3	0
1	Nanobiomedical science in China: a research field on the rise. <i>Technology Analysis and Strategic Management</i> , 2012 , 24, 69-88	3.2	