

Jonathan D Linton

List of Publications by Year in descending order

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102
papers

4,635
citations

126907

33
h-index

106344

65
g-index

135
all docs

135
docs citations

135
times ranked

3550
citing authors

#	ARTICLE	IF	CITATIONS
1	Social innovation: Integrating product and user innovation. Technological Forecasting and Social Change, 2022, 174, 121224.	11.6	13
2	Research on science and technological entrepreneurship education: What needs to happen next?. Journal of Technology Transfer, 2021, 46, 393-406.	4.3	17
3	Understanding and Managing the Biotechnology Valley of Death. Trends in Biotechnology, 2021, 39, 107-110.	9.3	13
4	Exercise Your Rs! You Never Know When You May Need Them: Revisiting and Extending Modes of Product Life for the Future. Profiles in Operations Research, 2021, , 255-275.	0.4	0
5	Impact of environmental knowledge and product quality on student attitude toward products with recycled/remanufactured content: Implications for environmental education and green manufacturing. Business Strategy and the Environment, 2018, 27, 935-945.	14.3	57
6	Biotechnology Patenting in the BRICS Countries: Strategies and Dynamics. Trends in Biotechnology, 2018, 36, 642-645.	9.3	5
7	Technology, Innovation, Entrepreneurship and The Small Business-Technology and Innovation in Small Business. Journal of Small Business Management, 2017, 55, 196-199.	4.8	24
8	Towards a better understanding of the dynamics of value creation in R&D intensive small firms. R and D Management, 2017, 47, E1.	5.3	2
9	Improving the Peer review process: Capturing more information and enabling high-risk/high-return research. Research Policy, 2016, 45, 1936-1938.	6.4	18
10	Integrating Foresight with Corporate Planning. , 2016, , 49-64.		0
11	Willingness to Pay for Eco-Certified Refurbished Products: The Effects of Environmental Attitudes and Knowledge. Journal of Industrial Ecology, 2016, 20, 893-904.	5.5	95
12	Improving impact of research papers. Technovation, 2016, 52-53, 1-3.	7.8	3
13	Linking the Value Assessment of Oil and Gas Firms to Ambidexterity Theory Using a Mixture of Normal Distributions. Oil and Gas Science and Technology, 2016, 71, 36.	1.4	1
14	Teaching innovation to technologists (non-business people) and non-technologists (business people): Scotch Whisky as an exemplar of process changing product an alternative to traditional lectures. Technological Forecasting and Social Change, 2015, 100, 39-43.	11.6	5
15	From Research Project to Research Portfolio: Meeting Scale and Complexity. Foresight and STI Governance, 2015, 9, 38-43.	1.8	3
16	Offering branded remanufactured/recycled products: at what price?. Journal of Remanufacturing, 2014, 4, 1.	2.7	51
17	Improving value assessment of high-risk, high-reward biotechnology research: the role of "thick tails"™. New Biotechnology, 2014, 31, 172-178.	4.4	5
18	Structuring papers for success: Making your paper more like a high impact publication than a desk reject. Technovation, 2014, 34, 571-573.	7.8	18

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19	The challenge of cyber supply chain security to research and practice – An introduction. Technovation, 2014, 34, 339-341.	7.8	20
20	Introduction to risk and uncertainty management in technological innovation. Technovation, 2014, 34, 395-398.	7.8	16
21	Extracting Value from Learning Curves: Integrating Theory and Practice. Creativity and Innovation Management, 2013, 22, 10-25.	3.3	11
22	Letter from Kyoto – a call for research in Science, Technology, and Society. Technovation, 2013, 33, 101-103.	7.8	2
23	All journals need to correct errors. Nature, 2013, 504, 33-33.	27.8	4
24	Examination of the behavior of R&D returns using a power law. Science and Public Policy, 2013, 40, 219-228.	2.4	5
25	Discussion of Kapsiz, M., Durat, M., Ficici, F. (2011). Friction and wear studies between cylinder liner and piston ring pair using Taguchi design method. Advances in Engineering Software, 42(8), 595–603. Advances in Engineering Software, 2013, 64, 71-73.	3.8	0
26	The effect of technology on learning during the acquisition and development of competencies in technology-intensive small firms. International Journal of Entrepreneurial Behaviour and Research, 2013, 19, 165-186.	3.8	19
27	Neo-Marshallian Equilibrium versus Schumpeterian Creative Destruction: Its Impact on Business Research and Economic Policy. Journal of Small Business Management, 2013, 51, 159-166.	4.8	58
28	Selection of a portfolio of R & D projects. , 2013, , .		3
29	What are Research Expectations? A Comparative Study of Different Academic Disciplines. Serials Review, 2012, 38, 228-234.	0.9	7
30	Managing highly flexible facilities: an essential complementary asset at risk. International Journal of Entrepreneurial Behaviour and Research, 2012, 18, 233-255.	3.8	9
31	Service regime: An empirical analysis of innovation patterns in service firms. Technological Forecasting and Social Change, 2012, 79, 1569-1582.	11.6	55
32	Introduction to the Field of Nanotechnology Ethics and Policy. Journal of Business Ethics, 2012, 109, 547-549.	6.0	8
33	Emerging Technologies and Ethics: A Race-to-the-Bottom or the Top?. Journal of Business Ethics, 2012, 109, 553-567.	6.0	21
34	What's hot and what's not: A summary of topics and papers in technology innovation management that are getting attention. Technovation, 2012, 32, 653-655.	7.8	9
35	Forecasting exchange rates with ensemble neural networks and ensemble K-PLS: A case study for the US Dollar per Indian Rupee. , 2012, , .		4
36	The patent paradox – New insights through decision support using compound options. Technological Forecasting and Social Change, 2012, 79, 180-185.	11.6	12

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37	What are Research Expectations? A Comparative Study of Different Academic Disciplines. <i>Serials Review</i> , 2012, 38, 228-234.	0.9	0
38	Publish or Perish: How Are Research and Reputation Related?. <i>Serials Review</i> , 2011, 37, 244-257.	0.9	42
39	The Strategy-Technology Firm Fit Audit: A guide to opportunity assessment and selection. <i>Technological Forecasting and Social Change</i> , 2011, 78, 199-216.	11.6	59
40	Emerging and new approaches to R&D management. <i>Technovation</i> , 2011, 31, 141.	7.8	0
41	How our new cover came to be. <i>Technovation</i> , 2011, 31, 285.	7.8	0
42	Reinforcement learning and the effects of parameter settings in the game of <i>Chung Toi</i> . , 2011, , .		7
43	Publish or Perish: How Are Research and Reputation Related?. <i>Serials Review</i> , 2011, 37, 244-257.	0.9	14
44	New or recycled products: how much are consumers willing to pay?. <i>Journal of Consumer Marketing</i> , 2010, 27, 458-468.	2.3	202
45	Augmented Efficient BackProp for backpropagation learning in deep autoassociative neural networks. , 2010, , .		8
46	How do technology innovation management journals stack up against the <i>Financial Times</i> 45 “Impressively” and other notes. <i>Technovation</i> , 2010, 30, 483-484.	7.8	8
47	Is open innovation a field of study or a communication barrier to theory development?. <i>Technovation</i> , 2010, 30, 554.	7.8	60
48	Benchmarking reservoir computing on time-independent classification tasks. , 2009, , .		12
49	Emerging and new approaches to R&D management: selected papers from The R&D Management Conference 2008, Ottawa. <i>R and D Management</i> , 2009, 40, 1-3.	5.3	1
50	De-babelizing the language of innovation. <i>Technovation</i> , 2009, 29, 729-737.	7.8	78
51	Why a special issue focused on tourism and hospitality?. <i>Technovation</i> , 2009, 29, 575.	7.8	0
52	The strategy-technology firm fit audit. , 2009, , .		0
53	Mapping the Structure of Research: Business and Management as an Exemplar. <i>Serials Review</i> , 2009, 35, 218-227.	0.9	8
54	Mapping the Structure of Research: Business and Management as an Exemplar. <i>Serials Review</i> , 2009, 35, 218-227.	0.9	4

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55	Assessing the Economic Rationality of Remanufacturing Products[*]. Journal of Product Innovation Management, 2008, 25, 287-302.	9.5	44
56	A theory of innovation for process-based innovations such as nanotechnology. Technological Forecasting and Social Change, 2008, 75, 583-594.	11.6	110
57	Why big science has trouble finding big money and small science has difficulties finding small money. Technovation, 2008, 28, 799-801.	7.8	5
58	Acceleration and Extension of Opportunity Recognition for Nanotechnologies and Other Emerging Technologies. International Small Business Journal, 2008, 26, 83-99.	4.8	57
59	Sustainable supply chains: An introduction. Journal of Operations Management, 2007, 25, 1075-1082.	5.2	1,244
60	An extension to a DEA support system used for assessing R&D projects. R and D Management, 2007, 37, 29.	5.3	21
61	Supply chain management in a sustainable environment. Journal of Operations Management, 2007, 25, 1071-1074.	5.2	64
62	Automated Text Categorization Based on Readability Fingerprints. Lecture Notes in Computer Science, 2007, , 408-416.	1.3	0
63	Ranking of technology and innovation management journals. Technovation, 2006, 26, 285-287.	7.8	23
64	Leadership style and quality climate perceptions: contrasting project vs. process environments. International Journal of Technology Management, 2006, 33, 92.	0.5	9
65	Recovery and reclamation of durable goods: a study of television CRTs. Resources, Conservation and Recycling, 2005, 43, 337-352.	10.8	12
66	Policy planning under uncertainty: efficient starting populations for simulation-optimization methods applied to municipal solid waste management. Journal of Environmental Management, 2005, 77, 22-34.	7.8	31
67	An examination of the relationships between leadership style, quality, and employee satisfaction in R&D versus administrative environments. R and D Management, 2005, 35, 51-60.	5.3	133
68	A framework for identifying differences and similarities in the managerial competencies associated with different modes of product life extension. International Journal of Production Research, 2005, 43, 1807-1829.	7.5	70
69	Integrating innovation and learning curve theory: an enabler for moving nanotechnologies and other emerging process technologies into production. R and D Management, 2004, 34, 517-526.	5.3	60
70	PERSPECTIVE: Ranking the Technology Innovation Management Journals*. Journal of Product Innovation Management, 2004, 21, 123-139.	9.5	114
71	PERSPECTIVE: Ranking Business Schools on the Management of Technology. Journal of Product Innovation Management, 2004, 21, 416-430.	9.5	28
72	Roadmapping: from sustaining to disruptive technologies. Technological Forecasting and Social Change, 2004, 71, 1-3.	11.6	40

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73	Correction to "Facing the Challenges of Service Automation: An Enabler for E-Commerce and Productivity Gain in Traditional Services". IEEE Transactions on Engineering Management, 2004, 51, 376-376.	3.5	0
74	Determining demand, supply, and pricing for emerging markets based on disruptive process technologies. Technological Forecasting and Social Change, 2004, 71, 105-120.	11.6	34
75	The relationship between governance structure and risk management approaches in Japanese venture capital firms. Journal of Business Venturing, 2004, 19, 831-849.	6.3	37
76	Materials recycling and industrial ecology. Nature Materials, 2004, 3, 199-201.	27.5	10
77	Enabling Industrial Ecology through the Forecasting of Durable Goods Disposal: Televisions as an Exemplar Case Study. Canadian Journal of Administrative Sciences, 2004, 21, 190-207.	1.5	7
78	Guest editorial: innovation, the internet, and e-commerce introductory notes for the special issue. IEEE Transactions on Engineering Management, 2003, 50, 393-394.	3.5	0
79	Facing the challenges of service automation: an enabler for e-commerce and productivity gain in traditional services. IEEE Transactions on Engineering Management, 2003, 50, 478-484.	3.5	20
80	The role of forecasting in sustainability. Technological Forecasting and Social Change, 2003, 70, 21-38.	11.6	15
81	Building contingency planning for closed-loop supply chains with product recovery. Journal of Operations Management, 2003, 21, 259-279.	5.2	324
82	From bench to business. Nature Materials, 2003, 2, 287-289.	27.5	58
83	DEA: A Method for Ranking the Greenness of Design Decisions. Journal of Mechanical Design, Transactions of the ASME, 2002, 124, 145-150.	2.9	15
84	Supply planning for industrial ecology and remanufacturing under uncertainty: a numerical study of leaded-waste recovery from television disposal. Journal of the Operational Research Society, 2002, 53, 1185-1196.	3.4	36
85	Policy Planning Using Genetic Algorithms Combined with Simulation: The Case of Municipal Solid Waste. Environment and Planning B: Planning and Design, 2002, 29, 757-778.	1.7	20
86	The evolution of technology management practice in developing economies: findings from Northern China. International Journal of Technology Management, 2002, 24, 311.	0.5	11
87	The measurement of technical competencies. Journal of High Technology Management Research, 2002, 13, 63-86.	4.9	73
88	Implementation research: state of the art and future directions. Technovation, 2002, 22, 65-79.	7.8	89
89	Forecasting the market diffusion of disruptive and discontinuous innovation. IEEE Transactions on Engineering Management, 2002, 49, 365-374.	3.5	67
90	The potential role of management in undergraduate technical education. Technology in Society, 2002, 24, 361-373.	9.4	3

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91	Analysis, ranking and selection of R&D projects in a portfolio. R and D Management, 2002, 32, 139-148.	5.3	171
92	The Competence Pyramid: A Framework for Identifying and Analyzing Firm and Industry Competence. Technology Analysis and Strategic Management, 2001, 13, 165-177.	3.5	68
93	Accelerating Technology Transfer From Federal Laboratories to the Private Sectorâ€™The Business Development Wheel. EMJ - Engineering Management Journal, 2001, 13, 15-20.	2.3	6
94	Infrastructure for Emergent Industries Based on Discontinuous Innovations. EMJ - Engineering Management Journal, 2000, 12, 23-32.	2.3	78
95	Social networks and the implementation of environmental technology. IEEE Transactions on Engineering Management, 2000, 47, 465-477.	3.5	39
96	The Role of Relationships and Reciprocity in the Implementation of Process Innovation. EMJ - Engineering Management Journal, 2000, 12, 34-38.	2.3	17
97	A Decision Support System for Planning Remanufacturing at Nortel Networks. Interfaces, 2000, 30, 17-31.	1.5	52
98	The JV Dilemma: Cooperating and Competing in Joint Ventures. Canadian Journal of Administrative Sciences, 2000, 17, 203-216.	1.5	31
99	ELECTRONIC PRODUCTS AT THEIR END-OF-LIFE: OPTIONS AND OBSTACLES. Journal of Electronics Manufacturing, 1999, 09, 29-40.	0.4	44
100	<title>Breaking the barriers to commercialization of MEMS: a firm's search for competitive advantage</title>. , 1999, , .		0
101	Technology Implementation: A Comparative Study Of Canadian And U.S. Factories. Infor, 1998, 36, 142-150.	0.6	8
102	Harnessing and Managing innovation: Lessons from the Aerospace and Guidance Metrology Center. EMJ - Engineering Management Journal, 1997, 9, 13-18.	2.3	1