

Jonathan D Linton

List of Publications by Year in descending order

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101
papers

4,635
citations

145106

33
h-index

120465

65
g-index

135
all docs

135
docs citations

135
times ranked

4039
citing authors

#	ARTICLE	IF	CITATIONS
1	Social innovation: Integrating product and user innovation. Technological Forecasting and Social Change, 2022, 174, 121224.	6.2	13
2	Research on science and technological entrepreneurship education: What needs to happen next?. Journal of Technology Transfer, 2021, 46, 393-406.	2.5	17
3	Understanding and Managing the Biotechnology Valley of Death. Trends in Biotechnology, 2021, 39, 107-110.	4.9	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.	0.3	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.	8.5	57
6	Biotechnology Patenting in the BRICS Countries: Strategies and Dynamics. Trends in Biotechnology, 2018, 36, 642-645.	4.9	5
7	Technology, Innovation, Entrepreneurship and The Small Business-Technology and Innovation in Small Business. Journal of Small Business Management, 2017, 55, 196-199.	2.8	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.	3.0	2
9	Improving the Peer review process: Capturing more information and enabling high-risk/high-return research. Research Policy, 2016, 45, 1936-1938.	3.3	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.	2.8	95
12	Improving impact of research papers. Technovation, 2016, 52-53, 1-3.	4.2	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.	6.2	5
15	From Research Project to Research Portfolio: Meeting Scale and Complexity. Foresight and STI Governance, 2015, 9, 38-43.	0.6	3
16	Offering branded remanufactured/recycled products: at what price?. Journal of Remanufacturing, 2014, 4, 1.	1.6	51
17	Improving value assessment of high-risk, high-reward biotechnology research: the role of "thick tails"™. New Biotechnology, 2014, 31, 172-178.	2.4	5
18	Structuring papers for success: Making your paper more like a high impact publication than a desk reject. Technovation, 2014, 34, 571-573.	4.2	18

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19	The challenge of cyber supply chain security to research and practice – An introduction. <i>Technovation</i> , 2014, 34, 339-341.	4.2	20
20	Introduction to risk and uncertainty management in technological innovation. <i>Technovation</i> , 2014, 34, 395-398.	4.2	16
21	Extracting Value from Learning Curves: Integrating Theory and Practice. <i>Creativity and Innovation Management</i> , 2013, 22, 10-25.	1.9	11
22	Letter from Kyoto – a call for research in Science, Technology, and Society. <i>Technovation</i> , 2013, 33, 101-103.	4.2	2
23	All journals need to correct errors. <i>Nature</i> , 2013, 504, 33-33.	13.7	4
24	Examination of the behavior of R&D returns using a power law. <i>Science and Public Policy</i> , 2013, 40, 219-228.	1.2	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. <i>Advances in Engineering Software</i> , 42(8), 595–603. <i>Advances in Engineering Software</i> , 2013, 64, 71-73.	1.8	0
26	The effect of technology on learning during the acquisition and development of competencies in technology-intensive small firms. <i>International Journal of Entrepreneurial Behaviour and Research</i> , 2013, 19, 165-186.	2.3	19
27	Neo-Marshallian Equilibrium versus Schumpeterian Creative Destruction: Its Impact on Business Research and Economic Policy. <i>Journal of Small Business Management</i> , 2013, 51, 159-166.	2.8	58
28	Selection of a portfolio of R & D projects. , 2013, , .		3
29	What are Research Expectations? A Comparative Study of Different Academic Disciplines. <i>Serials Review</i> , 2012, 38, 228-234.	0.4	7
30	Managing highly flexible facilities: an essential complementary asset at risk. <i>International Journal of Entrepreneurial Behaviour and Research</i> , 2012, 18, 233-255.	2.3	9
31	Service regime: An empirical analysis of innovation patterns in service firms. <i>Technological Forecasting and Social Change</i> , 2012, 79, 1569-1582.	6.2	55
32	Introduction to the Field of Nanotechnology Ethics and Policy. <i>Journal of Business Ethics</i> , 2012, 109, 547-549.	3.7	8
33	Emerging Technologies and Ethics: A Race-to-the-Bottom or the Top?. <i>Journal of Business Ethics</i> , 2012, 109, 553-567.	3.7	21
34	What's hot and what's not: A summary of topics and papers in technology innovation management that are getting attention. <i>Technovation</i> , 2012, 32, 653-655.	4.2	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. <i>Technological Forecasting and Social Change</i> , 2012, 79, 180-185.	6.2	12

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37	Publish or Perish: How Are Research and Reputation Related?. <i>Serials Review</i> , 2011, 37, 244-257.	0.4	42
38	The Strategy-Technology Firm Fit Audit: A guide to opportunity assessment and selection. <i>Technological Forecasting and Social Change</i> , 2011, 78, 199-216.	6.2	59
39	Emerging and new approaches to R&D management. <i>Technovation</i> , 2011, 31, 141.	4.2	0
40	How our new cover came to be. <i>Technovation</i> , 2011, 31, 285.	4.2	0
41	Reinforcement learning and the effects of parameter settings in the game of <i>Chung Toi</i> . , 2011, , .		7
42	Publish or Perish: How Are Research and Reputation Related?. <i>Serials Review</i> , 2011, 37, 244-257.	0.4	14
43	New or recycled products: how much are consumers willing to pay?. <i>Journal of Consumer Marketing</i> , 2010, 27, 458-468.	1.2	202
44	Augmented Efficient BackProp for backpropagation learning in deep autoassociative neural networks. , 2010, , .		8
45	How do technology innovation management journals stack up against the Financial Times 45 "Impressively" and other notes. <i>Technovation</i> , 2010, 30, 483-484.	4.2	8
46	Is open innovation a field of study or a communication barrier to theory development?. <i>Technovation</i> , 2010, 30, 554.	4.2	60
47	Benchmarking reservoir computing on time-independent classification tasks. , 2009, , .		12
48	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.	3.0	1
49	De-babelizing the language of innovation. <i>Technovation</i> , 2009, 29, 729-737.	4.2	78
50	Why a special issue focused on tourism and hospitality?. <i>Technovation</i> , 2009, 29, 575.	4.2	0
51	The strategy-technology firm fit audit. , 2009, , .		0
52	Mapping the Structure of Research: Business and Management as an Exemplar. <i>Serials Review</i> , 2009, 35, 218-227.	0.4	8
53	Mapping the Structure of Research: Business and Management as an Exemplar. <i>Serials Review</i> , 2009, 35, 218-227.	0.4	4
54	Assessing the Economic Rationality of Remanufacturing Products [*] . <i>Journal of Product Innovation Management</i> , 2008, 25, 287-302.	5.2	44

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55	A theory of innovation for process-based innovations such as nanotechnology. Technological Forecasting and Social Change, 2008, 75, 583-594.	6.2	110
56	Why big science has trouble finding big money and small science has difficulties finding small money. Technovation, 2008, 28, 799-801.	4.2	5
57	Acceleration and Extension of Opportunity Recognition for Nanotechnologies and Other Emerging Technologies. International Small Business Journal, 2008, 26, 83-99.	2.9	57
58	Sustainable supply chains: An introduction. Journal of Operations Management, 2007, 25, 1075-1082.	3.3	1,244
59	An extension to a DEA support system used for assessing R&D projects. R and D Management, 2007, 37, 29.	3.0	21
60	Supply chain management in a sustainable environment. Journal of Operations Management, 2007, 25, 1071-1074.	3.3	64
61	Automated Text Categorization Based on Readability Fingerprints. Lecture Notes in Computer Science, 2007, , 408-416.	1.0	0
62	Ranking of technology and innovation management journals. Technovation, 2006, 26, 285-287.	4.2	23
63	Leadership style and quality climate perceptions: contrasting project vs. process environments. International Journal of Technology Management, 2006, 33, 92.	0.2	9
64	Recovery and reclamation of durable goods: a study of television CRTs. Resources, Conservation and Recycling, 2005, 43, 337-352.	5.3	12
65	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.	3.8	31
66	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.	3.0	133
67	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.	4.9	70
68	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.	3.0	60
69	PERSPECTIVE: Ranking the Technology Innovation Management Journals*. Journal of Product Innovation Management, 2004, 21, 123-139.	5.2	114
70	PERSPECTIVE: Ranking Business Schools on the Management of Technology. Journal of Product Innovation Management, 2004, 21, 416-430.	5.2	28
71	Roadmapping: from sustaining to disruptive technologies. Technological Forecasting and Social Change, 2004, 71, 1-3.	6.2	40
72	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.	2.4	0

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73	Determining demand, supply, and pricing for emerging markets based on disruptive process technologies. <i>Technological Forecasting and Social Change</i> , 2004, 71, 105-120.	6.2	34
74	The relationship between governance structure and risk management approaches in Japanese venture capital firms. <i>Journal of Business Venturing</i> , 2004, 19, 831-849.	4.0	37
75	Materials recycling and industrial ecology. <i>Nature Materials</i> , 2004, 3, 199-201.	13.3	10
76	Enabling Industrial Ecology through the Forecasting of Durable Goods Disposal: Televisions as an Exemplar Case Study. <i>Canadian Journal of Administrative Sciences</i> , 2004, 21, 190-207.	0.9	7
77	Guest editorial: innovation, the internet, and e-commerce introductory notes for the special issue. <i>IEEE Transactions on Engineering Management</i> , 2003, 50, 393-394.	2.4	0
78	Facing the challenges of service automation: an enabler for e-commerce and productivity gain in traditional services. <i>IEEE Transactions on Engineering Management</i> , 2003, 50, 478-484.	2.4	20
79	The role of forecasting in sustainability. <i>Technological Forecasting and Social Change</i> , 2003, 70, 21-38.	6.2	15
80	Building contingency planning for closed-loop supply chains with product recovery. <i>Journal of Operations Management</i> , 2003, 21, 259-279.	3.3	324
81	From bench to business. <i>Nature Materials</i> , 2003, 2, 287-289.	13.3	58
82	DEA: A Method for Ranking the Greenness of Design Decisions. <i>Journal of Mechanical Design, Transactions of the ASME</i> , 2002, 124, 145-150.	1.7	15
83	Supply planning for industrial ecology and remanufacturing under uncertainty: a numerical study of leaded-waste recovery from television disposal. <i>Journal of the Operational Research Society</i> , 2002, 53, 1185-1196.	2.1	36
84	Policy Planning Using Genetic Algorithms Combined with Simulation: The Case of Municipal Solid Waste. <i>Environment and Planning B: Planning and Design</i> , 2002, 29, 757-778.	1.7	20
85	The evolution of technology management practice in developing economies: findings from Northern China. <i>International Journal of Technology Management</i> , 2002, 24, 311.	0.2	11
86	The measurement of technical competencies. <i>Journal of High Technology Management Research</i> , 2002, 13, 63-86.	2.7	73
87	Implementation research: state of the art and future directions. <i>Technovation</i> , 2002, 22, 65-79.	4.2	89
88	Forecasting the market diffusion of disruptive and discontinuous innovation. <i>IEEE Transactions on Engineering Management</i> , 2002, 49, 365-374.	2.4	67
89	The potential role of management in undergraduate technical education. <i>Technology in Society</i> , 2002, 24, 361-373.	4.8	3
90	Analysis, ranking and selection of R&D projects in a portfolio. <i>R and D Management</i> , 2002, 32, 139-148.	3.0	171

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91	The Competence Pyramid: A Framework for Identifying and Analyzing Firm and Industry Competence. Technology Analysis and Strategic Management, 2001, 13, 165-177.	2.0	68
92	Accelerating Technology Transfer From Federal Laboratories to the Private Sectorâ€”The Business Development Wheel. EMJ - Engineering Management Journal, 2001, 13, 15-20.	1.4	6
93	Infrastructure for Emergent Industries Based on Discontinuous Innovations. EMJ - Engineering Management Journal, 2000, 12, 23-32.	1.4	78
94	Social networks and the implementation of environmental technology. IEEE Transactions on Engineering Management, 2000, 47, 465-477.	2.4	39
95	The Role of Relationships and Reciprocity in the Implementation of Process Innovation. EMJ - Engineering Management Journal, 2000, 12, 34-38.	1.4	17
96	A Decision Support System for Planning Remanufacturing at Nortel Networks. Interfaces, 2000, 30, 17-31.	1.6	52
97	The JV Dilemma: Cooperating and Competing in Joint Ventures. Canadian Journal of Administrative Sciences, 2000, 17, 203-216.	0.9	31
98	ELECTRONIC PRODUCTS AT THEIR END-OF-LIFE: OPTIONS AND OBSTACLES. Journal of Electronics Manufacturing, 1999, 09, 29-40.	0.4	44
99	<title>Breaking the barriers to commercialization of MEMS: a firm's search for competitive advantage</title>. , 1999, , .		0
100	Technology Implementation: A Comparative Study Of Canadian And U.S. Factories. Infor, 1998, 36, 142-150.	0.5	8
101	Harnessing and Managing innovation: Lessons from the Aerospace and Guidance Metrology Center. EMJ - Engineering Management Journal, 1997, 9, 13-18.	1.4	1