

Jonathan D Linton

List of Publications by Year in descending order

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Version: 2024-02-01

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	Sustainable supply chains: An introduction. <i>Journal of Operations Management</i> , 2007, 25, 1075-1082.	5.2	1,244
2	Building contingency planning for closed-loop supply chains with product recovery. <i>Journal of Operations Management</i> , 2003, 21, 259-279.	5.2	324
3	New or recycled products: how much are consumers willing to pay?. <i>Journal of Consumer Marketing</i> , 2010, 27, 458-468.	2.3	202
4	Analysis, ranking and selection of R&D projects in a portfolio. <i>R and D Management</i> , 2002, 32, 139-148.	5.3	171
5	An examination of the relationships between leadership style, quality, and employee satisfaction in R&D versus administrative environments. <i>R and D Management</i> , 2005, 35, 51-60.	5.3	133
6	PERSPECTIVE: Ranking the Technology Innovation Management Journals*. <i>Journal of Product Innovation Management</i> , 2004, 21, 123-139.	9.5	114
7	A theory of innovation for process-based innovations such as nanotechnology. <i>Technological Forecasting and Social Change</i> , 2008, 75, 583-594.	11.6	110
8	Willingness to Pay for Eco-Certified Refurbished Products: The Effects of Environmental Attitudes and Knowledge. <i>Journal of Industrial Ecology</i> , 2016, 20, 893-904.	5.5	95
9	Implementation research: state of the art and future directions. <i>Technovation</i> , 2002, 22, 65-79.	7.8	89
10	Infrastructure for Emergent Industries Based on Discontinuous Innovations. <i>EMJ - Engineering Management Journal</i> , 2000, 12, 23-32.	2.3	78
11	De-babelizing the language of innovation. <i>Technovation</i> , 2009, 29, 729-737.	7.8	78
12	The measurement of technical competencies. <i>Journal of High Technology Management Research</i> , 2002, 13, 63-86.	4.9	73
13	A framework for identifying differences and similarities in the managerial competencies associated with different modes of product life extension. <i>International Journal of Production Research</i> , 2005, 43, 1807-1829.	7.5	70
14	The Competence Pyramid: A Framework for Identifying and Analyzing Firm and Industry Competence. <i>Technology Analysis and Strategic Management</i> , 2001, 13, 165-177.	3.5	68
15	Forecasting the market diffusion of disruptive and discontinuous innovation. <i>IEEE Transactions on Engineering Management</i> , 2002, 49, 365-374.	3.5	67
16	Supply chain management in a sustainable environment. <i>Journal of Operations Management</i> , 2007, 25, 1071-1074.	5.2	64
17	Integrating innovation and learning curve theory: an enabler for moving nanotechnologies and other emerging process technologies into production. <i>R and D Management</i> , 2004, 34, 517-526.	5.3	60
18	Is open innovation a field of study or a communication barrier to theory development?. <i>Technovation</i> , 2010, 30, 554.	7.8	60

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19	The Strategy-Technology Firm Fit Audit: A guide to opportunity assessment and selection. Technological Forecasting and Social Change, 2011, 78, 199-216.	11.6	59
20	From bench to business. Nature Materials, 2003, 2, 287-289.	27.5	58
21	Neo-Marshellian 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
22	Acceleration and Extension of Opportunity Recognition for Nanotechnologies and Other Emerging Technologies. International Small Business Journal, 2008, 26, 83-99.	4.8	57
23	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
24	Service regime: An empirical analysis of innovation patterns in service firms. Technological Forecasting and Social Change, 2012, 79, 1569-1582.	11.6	55
25	A Decision Support System for Planning Remanufacturing at Nortel Networks. Interfaces, 2000, 30, 17-31.	1.5	52
26	Offering branded remanufactured/recycled products: at what price?. Journal of Remanufacturing, 2014, 4, 1.	2.7	51
27	ELECTRONIC PRODUCTS AT THEIR END-OF-LIFE: OPTIONS AND OBSTACLES. Journal of Electronics Manufacturing, 1999, 09, 29-40.	0.4	44
28	Assessing the Economic Rationality of Remanufacturing Products[*]. Journal of Product Innovation Management, 2008, 25, 287-302.	9.5	44
29	Publish or Perish: How Are Research and Reputation Related?. Serials Review, 2011, 37, 244-257.	0.9	42
30	Roadmapping: from sustaining to disruptive technologies. Technological Forecasting and Social Change, 2004, 71, 1-3.	11.6	40
31	Social networks and the implementation of environmental technology. IEEE Transactions on Engineering Management, 2000, 47, 465-477.	3.5	39
32	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
33	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
34	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
35	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
36	The JV Dilemma: Cooperating and Competing in Joint Ventures. Canadian Journal of Administrative Sciences, 2000, 17, 203-216.	1.5	31

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37	PERSPECTIVE: Ranking Business Schools on the Management of Technology. Journal of Product Innovation Management, 2004, 21, 416-430.	9.5	28
38	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
39	Ranking of technology and innovation management journals. Technovation, 2006, 26, 285-287.	7.8	23
40	An extension to a DEA support system used for assessing R&D projects. R and D Management, 2007, 37, 29.	5.3	21
41	Emerging Technologies and Ethics: A Race-to-the-Bottom or the Top?. Journal of Business Ethics, 2012, 109, 553-567.	6.0	21
42	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
43	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
44	The challenge of cyber supply chain security to research and practice – An introduction. Technovation, 2014, 34, 339-341.	7.8	20
45	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
46	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
47	Improving the Peer review process: Capturing more information and enabling high-risk/high-return research. Research Policy, 2016, 45, 1936-1938.	6.4	18
48	The Role of Relationships and Reciprocity in the Implementation of Process Innovation. EMJ - Engineering Management Journal, 2000, 12, 34-38.	2.3	17
49	Research on science and technological entrepreneurship education: What needs to happen next?. Journal of Technology Transfer, 2021, 46, 393-406.	4.3	17
50	Introduction to risk and uncertainty management in technological innovation. Technovation, 2014, 34, 395-398.	7.8	16
51	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
52	The role of forecasting in sustainability. Technological Forecasting and Social Change, 2003, 70, 21-38.	11.6	15
53	Publish or Perish: How Are Research and Reputation Related?. Serials Review, 2011, 37, 244-257.	0.9	14
54	Understanding and Managing the Biotechnology Valley of Death. Trends in Biotechnology, 2021, 39, 107-110.	9.3	13

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55	Social innovation: Integrating product and user innovation. <i>Technological Forecasting and Social Change</i> , 2022, 174, 121224.	11.6	13
56	Recovery and reclamation of durable goods: a study of television CRTs. <i>Resources, Conservation and Recycling</i> , 2005, 43, 337-352.	10.8	12
57	Benchmarking reservoir computing on time-independent classification tasks. , 2009, , .		12
58	The patent paradox â€œ New insights through decision support using compound options. <i>Technological Forecasting and Social Change</i> , 2012, 79, 180-185.	11.6	12
59	The evolution of technology management practice in developing economies: findings from Northern China. <i>International Journal of Technology Management</i> , 2002, 24, 311.	0.5	11
60	Extracting Value from Learning Curves: Integrating Theory and Practice. <i>Creativity and Innovation Management</i> , 2013, 22, 10-25.	3.3	11
61	Materials recycling and industrial ecology. <i>Nature Materials</i> , 2004, 3, 199-201.	27.5	10
62	Leadership style and quality climate perceptions: contrasting project vs. process environments. <i>International Journal of Technology Management</i> , 2006, 33, 92.	0.5	9
63	Managing highly flexible facilities: an essential complementary asset at risk. <i>International Journal of Entrepreneurial Behaviour and Research</i> , 2012, 18, 233-255.	3.8	9
64	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.	7.8	9
65	Technology Implementation: A Comparative Study Of Canadian And U.S. Factories. <i>Infor</i> , 1998, 36, 142-150.	0.6	8
66	Mapping the Structure of Research: Business and Management as an Exemplar. <i>Serials Review</i> , 2009, 35, 218-227.	0.9	8
67	Augmented Efficient BackProp for backpropagation learning in deep autoassociative neural networks. , 2010, , .		8
68	How do technology innovation management journals stack up against the Financial Times 45 â€œ Impressively â€œ and other notes. <i>Technovation</i> , 2010, 30, 483-484.	7.8	8
69	Introduction to the Field of Nanotechnology Ethics and Policy. <i>Journal of Business Ethics</i> , 2012, 109, 547-549.	6.0	8
70	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.	1.5	7
71	Reinforcement learning and the effects of parameter settings in the game of Chung Toi. , 2011, , .		7
72	What are Research Expectations? A Comparative Study of Different Academic Disciplines. <i>Serials Review</i> , 2012, 38, 228-234.	0.9	7

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73	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
74	Why big science has trouble finding big money and small science has difficulties finding small money. Technovation, 2008, 28, 799-801.	7.8	5
75	Examination of the behavior of R&D returns using a power law. Science and Public Policy, 2013, 40, 219-228.	2.4	5
76	Improving value assessment of high-risk, high-reward biotechnology research: the role of â€˜thick tailsâ€™™. New Biotechnology, 2014, 31, 172-178.	4.4	5
77	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
78	Biotechnology Patenting in the BRICS Countries: Strategies and Dynamics. Trends in Biotechnology, 2018, 36, 642-645.	9.3	5
79	Forecasting exchange rates with ensemble neural networks and ensemble K-PLS: A case study for the US Dollar per Indian Rupee. , 2012, , .		4
80	All journals need to correct errors. Nature, 2013, 504, 33-33.	27.8	4
81	Mapping the Structure of Research: Business and Management as an Exemplar. Serials Review, 2009, 35, 218-227.	0.9	4
82	The potential role of management in undergraduate technical education. Technology in Society, 2002, 24, 361-373.	9.4	3
83	Improving impact of research papers. Technovation, 2016, 52-53, 1-3.	7.8	3
84	From Research Project to Research Portfolio: Meeting Scale and Complexity. Foresight and STI Governance, 2015, 9, 38-43.	1.8	3
85	Selection of a portfolio of R & D projects. , 2013, , .		3
86	Letter from Kyotoâ€”a call for research in Science, Technology, and Society. Technovation, 2013, 33, 101-103.	7.8	2
87	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
88	Harnessing and Managing innovation: Lessons from the Aerospace and Guidance Metrology Center. EMJ - Engineering Management Journal, 1997, 9, 13-18.	2.3	1
89	Emerging and new approaches to R&D management: selected papers from The R&D Management Conference 2008, Ottawa. R and D Management, 2009, 40, 1-3.	5.3	1
90	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

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91	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
92	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
93	Why a special issue focused on tourism and hospitality?. Technovation, 2009, 29, 575.	7.8	0
94	The strategy-technology firm fit audit. , 2009, , .		0
95	Emerging and new approaches to R&D management. Technovation, 2011, 31, 141.	7.8	0
96	How our new cover came to be. Technovation, 2011, 31, 285.	7.8	0
97	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
98	Integrating Foresight with Corporate Planning. , 2016, , 49-64.		0
99	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
100	Automated Text Categorization Based on Readability Fingerprints. Lecture Notes in Computer Science, 2007, , 408-416.	1.3	0
101	<title>Breaking the barriers to commercialization of MEMS: a firm's search for competitive advantage</title>. , 1999, , .		0
102	What are Research Expectations? A Comparative Study of Different Academic Disciplines. Serials Review, 2012, 38, 228-234.	0.9	0