

Steven T Walsh

List of Publications by Year in descending order

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57
papers

2,432
citations

159585

30
h-index

206112

48
g-index

61
all docs

61
docs citations

61
times ranked

1420
citing authors

#	ARTICLE	IF	CITATIONS
1	Roadmapping a disruptive technology: A case study. <i>Technological Forecasting and Social Change</i> , 2004, 71, 161-185.	11.6	228
2	Analysis, ranking and selection of R&D projects in a portfolio. <i>R and D Management</i> , 2002, 32, 139-148.	5.3	171
3	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
4	Managing knowledge assets under conditions of radical change: The case of the pharmaceutical industry. <i>Technovation</i> , 2011, 31, 105-117.	7.8	92
5	The semiconductor silicon industry roadmap: Epochs driven by the dynamics between disruptive technologies and core competencies. <i>Technological Forecasting and Social Change</i> , 2005, 72, 213-236.	11.6	86
6	The pharmaceutical technology landscape: A new form of technology roadmapping. <i>Technological Forecasting and Social Change</i> , 2013, 80, 194-211.	11.6	85
7	An introduction to nanotechnology policy: Opportunities and constraints for emerging and established economies. <i>Technological Forecasting and Social Change</i> , 2007, 74, 1634-1642.	11.6	84
8	Infrastructure for Emergent Industries Based on Discontinuous Innovations. <i>EMJ - Engineering Management Journal</i> , 2000, 12, 23-32.	2.3	78
9	The measurement of technical competencies. <i>Journal of High Technology Management Research</i> , 2002, 13, 63-86.	4.9	73
10	The role of small firms in the transfer of disruptive technologies. <i>Technovation</i> , 2002, 22, 667-674.	7.8	72
11	Structuring the Technology Entrepreneurship publication landscape: Making sense out of chaos. <i>Technological Forecasting and Social Change</i> , 2015, 100, 168-175.	11.6	70
12	The importance of literature reviews in small business and entrepreneurship research. <i>Journal of Small Business Management</i> , 2023, 61, 1095-1106.	4.8	69
13	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
14	Defining the Relationship among Founding Resources, Strategies, and Performance in Technology-Intensive New Ventures: Evidence from the Semiconductor Silicon Industry. <i>Journal of Small Business Management</i> , 2007, 45, 438-466.	4.8	63
15	On the motivational drivers of gray entrepreneurship: An exploratory study. <i>Technological Forecasting and Social Change</i> , 2014, 89, 358-365.	11.6	63
16	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
17	IAMOT and Education: Defining a Technology and Innovation Management (TIM) Body-of-Knowledge (BoK) for graduate education (TIM BoK). <i>Technovation</i> , 2010, 30, 389-400.	7.8	60
18	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

#	ARTICLE	IF	CITATIONS
19	From bench to business. <i>Nature Materials</i> , 2003, 2, 287-289.	27.5	58
20	Neo-Marshellian Equilibrium versus Schumpeterian Creative Destruction: Its Impact on Business Research and Economic Policy. <i>Journal of Small Business Management</i> , 2013, 51, 159-166.	4.8	58
21	Acceleration and Extension of Opportunity Recognition for Nanotechnologies and Other Emerging Technologies. <i>International Small Business Journal</i> , 2008, 26, 83-99.	4.8	57
22	Analyzing and organizing nanotechnology development: Application of the institutional analysis development framework to nanotechnology consortia. <i>Technovation</i> , 2012, 32, 216-226.	7.8	55
23	Portfolio Management for the Commercialization of Advanced Technologies. <i>EMJ - Engineering Management Journal</i> , 2001, 13, 33-37.	2.3	44
24	Global distribution of micro/nano technology and fabrication centers: A portfolio analysis approach. <i>Technological Forecasting and Social Change</i> , 2007, 74, 1697-1717.	11.6	44
25	Publish or Perish: How Are Research and Reputation Related?. <i>Serials Review</i> , 2011, 37, 244-257.	0.9	42
26	Here there be dragons, a pre-roadmap construct for IoT service infrastructure. <i>Technological Forecasting and Social Change</i> , 2020, 155, 119073.	11.6	41
27	Roadmapping: from sustaining to disruptive technologies. <i>Technological Forecasting and Social Change</i> , 2004, 71, 1-3.	11.6	40
28	Motivating performance in innovative manufacturing plants. <i>Journal of High Technology Management Research</i> , 2005, 16, 89-99.	4.9	39
29	Introduction to the field of creative enterprise. <i>Technological Forecasting and Social Change</i> , 2013, 80, 187-190.	11.6	31
30	Organization technologies, AMT and competent workers. <i>Journal of Manufacturing Technology Management</i> , 2009, 20, 298-313.	6.4	22
31	Emerging Technologies and Ethics: A Race-to-the-Bottom or the Top?. <i>Journal of Business Ethics</i> , 2012, 109, 553-567.	6.0	21
32	The importance of the technologically able social innovators and entrepreneurs: A US national laboratory perspective. <i>Technological Forecasting and Social Change</i> , 2017, 121, 205-215.	11.6	20
33	The diminishing effect of VC reputation: Is it hypercompetition?. <i>Technological Forecasting and Social Change</i> , 2018, 133, 229-237.	11.6	20
34	Lean startup for materials ventures and other science-based ventures: under what conditions is it useful?. <i>Translational Materials Research</i> , 2015, 2, 035001.	1.2	18
35	Family enterprise and technological innovation. <i>Journal of Business Research</i> , 2022, 147, 208-221.	10.2	18
36	Publish or Perish: How Are Research and Reputation Related?. <i>Serials Review</i> , 2011, 37, 244-257.	0.9	14

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37	An Introduction to the Field of Technology Entrepreneurship: Editorial to the Special Issue. <i>Creativity and Innovation Management</i> , 2015, 24, 552-557.	3.3	12
38	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
39	Extracting Value from Learning Curves: Integrating Theory and Practice. <i>Creativity and Innovation Management</i> , 2013, 22, 10-25.	3.3	11
40	Academic infrastructure and competence centres for a potentially evolving nanomanufacturing industry. <i>International Journal of Technology Transfer and Commercialisation</i> , 2008, 7, 436.	0.2	9
41	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
42	Monitoring additive manufacturing based products in clinical trials. <i>Translational Materials Research</i> , 2017, 4, 034001.	1.2	9
43	Cyborged ecosystems: Scenario planning and Participatory Technology Assessment of a potentially Rosennean-complex technology. <i>Ecological Complexity</i> , 2018, 35, 98-105.	2.9	9
44	The Role of Economic Cluster Perspectives in Regional Economic Development. <i>World Technopolis Review</i> , 2014, 3, 17-29.	0.1	9
45	Direct Foreign Manufacturing Investment Decisions for China. <i>EMJ - Engineering Management Journal</i> , 1999, 11, 31-39.	2.3	8
46	Introduction to the Field of Nanotechnology Ethics and Policy. <i>Journal of Business Ethics</i> , 2012, 109, 547-549.	6.0	8
47	Is BlockChain Mining Profitable in the Long Run?. <i>IEEE Transactions on Engineering Management</i> , 2023, 70, 386-399.	3.5	7
48	Explaining product adoption and diffusion at the base of the pyramid. <i>International Journal of Technology Intelligence and Planning</i> , 2017, 11, 345.	0.3	6
49	Teaching case and teaching note systems equipment division at Ferrofluidics. <i>Technological Forecasting and Social Change</i> , 2015, 100, 29-38.	11.6	4
50	An introduction to the field of commercializing emerging materials manufacturing technologies in an IoT world. <i>Translational Materials Research</i> , 2018, 5, 024002.	1.2	3
51	Influence of Director Expertise on Capital Structure and Cash Holdings in High-Tech Firms. <i>Technological Forecasting and Social Change</i> , 2020, 158, 120060.	11.6	3
52	Introduction to the section "Nanotechnology Policy". <i>Technological Forecasting and Social Change</i> , 2007, 74, 1631-1633.	11.6	2
53	Emerging Markets and the IoT. , 2018, , .		2
54	Models of Cooperation and Knowledge Management: The Case of Biomedical Technology Management. , 2007, , .		1

#	ARTICLE	IF	CITATIONS
55	Legitimate firms or hackers - who is winning the global cyber war. International Journal of Technology Intelligence and Planning, 2019, 12, 297.	0.3	1
56	Mitigating High-Skill Brain Drain in Low-Growth Economies: An Examination of Existing Brain-Drain Threats in New Mexico and Strategy and Policy Alternative to Address Them. , 2019, , .		1
57	Integrating Foresight with Corporate Planning. , 2016, , 49-64.		0