

# Kim Hua Tan

## List of Publications by Year in descending order

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Version: 2024-02-01

152  
papers

6,530  
citations

81743

39  
h-index

82410

72  
g-index

157  
all docs

157  
docs citations

157  
times ranked

4566  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Supply Chain Resilience Capability Framework and Process for Mitigating the COVID-19 Pandemic Disruption. <i>IEEE Transactions on Engineering Management</i> , 2024, , 1-15.	2.4	25
2	A conceptual framework for information-leakage-resilience. <i>Annals of Operations Research</i> , 2023, 329, 931-951.	2.6	8
3	Inconsistency indices in pairwise comparisons: an improvement of the Consistency Index. <i>Annals of Operations Research</i> , 2023, 326, 809-830.	2.6	8
4	Joint optimisation of drone routing and battery wear for sustainable supply chain development: a mixed-integer programming model based on blockchain-enabled fleet sharing. <i>Annals of Operations Research</i> , 2023, 327, 89-127.	2.6	15
5	Investigating the relationship between digital technologies, supply chain integration and firm resilience in the context of COVID-19. <i>Annals of Operations Research</i> , 2023, 327, 825-853.	2.6	20
6	Impact of artificial intelligence adoption on online returns policies. <i>Annals of Operations Research</i> , 2022, 308, 703-726.	2.6	31
7	Improving food safety through data pattern discovery in a sensor-based monitoring system. <i>Production Planning and Control</i> , 2022, 33, 1548-1558.	5.8	7
8	Impact of supply chain integration on halal food supply chain integrity and food quality performance. <i>Journal of Islamic Marketing</i> , 2022, 13, 1515-1534.	2.3	13
9	Technology, price instruments and energy intensity: a study of firms in the manufacturing sector of the Indian economy. <i>Annals of Operations Research</i> , 2022, 313, 319-339.	2.6	13
10	Revolutionizing elementary disaster prevention education and training via augmented reality-enhanced collaborative learning. <i>International Journal of Engineering Business Management</i> , 2022, 14, 184797902110673.	2.1	1
11	Investigating the impact of AI-powered technologies on Instagrammersâ€™ purchase decisions in digitalization eraâ€”A study of the fashion and apparel industry. <i>Technological Forecasting and Social Change</i> , 2022, 177, 121551.	6.2	33
12	Data analytics capability and servitization: the moderated mediation role of bricolage and innovation orientation. <i>International Journal of Operations and Production Management</i> , 2022, 42, 440-470.	3.5	18
13	Implementation strategy and emission reduction effectiveness of carbon cap-and-trade in heterogeneous enterprises. <i>International Journal of Production Economics</i> , 2022, 248, 108501.	5.1	16
14	Optimal Online Service Strategy and Price Decision in Omnichannel Retail. <i>Mathematical Problems in Engineering</i> , 2022, 2022, 1-35.	0.6	1
15	Predicting viewer gifting behavior in sports live streaming platforms: The impact of viewer perception and satisfaction. <i>Journal of Business Research</i> , 2022, 144, 599-613.	5.8	41
16	Sporting Resilience During Covid-19: The Value Co-creation Process on Sport Live-Streaming Platforms. , 2022, , 62-71.		1
17	Lean and Green Product Development in SMEs: A Comparative Study between Small- and Medium-Sized Brazilian and Japanese Enterprises. <i>Journal of Open Innovation: Technology, Market, and Complexity</i> , 2022, 8, 123.	2.6	7
18	Information sharing and the bane of information leakage: a multigroup analysis of contract versus noncontract. <i>Journal of Enterprise Information Management</i> , 2021, 34, 28-53.	4.4	9

#	ARTICLE	IF	CITATIONS
19	Power, supply chain integration and quality performance of agricultural products: evidence from contract farming in China. <i>Production Planning and Control</i> , 2021, 32, 1119-1135.	5.8	17
20	A literature review on environmental concerns in logistics: trends and future challenges. <i>International Journal of Logistics Research and Applications</i> , 2021, 24, 126-151.	5.6	35
21	Collaborative Rebate Strategy of Business-to-Customer Platforms Considering Recycling and Trade-Ins Simultaneously. <i>Sustainability</i> , 2021, 13, 1679.	1.6	1
22	Supply chain resilience reactive strategies for food SMEs in coping to COVID-19 crisis. <i>Trends in Food Science and Technology</i> , 2021, 109, 94-102.	7.8	104
23	The role of food apps servitization on repurchase intention: A study of FoodPanda. <i>International Journal of Production Economics</i> , 2021, 234, 108063.	5.1	37
24	An intelligent payment card fraud detection system. <i>Annals of Operations Research</i> , 2021, , 1-23.	2.6	25
25	The impact of sustainability on supplier selection: A behavioural study. <i>International Journal of Production Economics</i> , 2021, 236, 108118.	5.1	24
26	Infection vulnerability stratification risk modelling of COVID-19 data: a deterministic SEIR epidemic model analysis. <i>Annals of Operations Research</i> , 2021, , 1-27.	2.6	18
27	Technological innovation and structural change for economic development in China as an emerging market. <i>Technological Forecasting and Social Change</i> , 2021, 167, 120671.	6.2	102
28	Managing emergency situations with lean and advanced manufacturing technologies: an empirical study on the Rumbia typhoon disaster. <i>International Journal of Operations and Production Management</i> , 2021, 41, 1442-1468.	3.5	10
29	A Hybrid Fuzzy Goal Programming for Smart Phones and Rate Plan Selection. <i>International Journal of Fuzzy Systems</i> , 2021, 23, 1613-1632.	2.3	1
30	Technological innovation, new solutions, branding, and promotion: Twitter and technical report use in Japanese™s companies. <i>Enterprise Information Systems</i> , 2021, 15, 1683-1712.	3.3	2
31	Artificial intelligence in business-to-business marketing: a bibliometric analysis of current research status, development and future directions. <i>Industrial Management and Data Systems</i> , 2021, 121, 2467-2497.	2.2	46
32	Validating the impact of accounting disclosures on stock market: A deep neural network approach. <i>Technological Forecasting and Social Change</i> , 2021, 170, 120903.	6.2	29
33	A sustainable Blockchain framework for the halal food supply chain: Lessons from Malaysia. <i>Technological Forecasting and Social Change</i> , 2021, 170, 120870.	6.2	103
34	Artificial intelligence-based human-centric decision support framework: an application to predictive maintenance in asset management under pandemic environments. <i>Annals of Operations Research</i> , 2021, , 1-24.	2.6	32
35	An analytic infrastructure for harvesting big data to enhance supply chain performance. <i>European Journal of Operational Research</i> , 2020, 281, 559-574.	3.5	69
36	A novel approach to measure product quality in sustainable supplier selection. <i>Journal of Cleaner Production</i> , 2020, 252, 119838.	4.6	20

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37	A framework for food supply chain digitalization: lessons from Thailand. <i>Production Planning and Control</i> , 2020, 31, 158-172.	5.8	151
38	A fair distribution and transfer mechanism of forest tourism benefits in China. <i>China Economic Review</i> , 2020, 63, 101542.	2.1	13
39	Leveraging social media in new product development: organisational learning processes, mechanisms and evidence from China. <i>International Journal of Operations and Production Management</i> , 2020, 40, 671-695.	3.5	23
40	Managers' risk perception of supply chain uncertainties. <i>Industrial Management and Data Systems</i> , 2020, 120, 1617-1634.	2.2	23
41	Impact of regulatory intervention and consumer environmental concern on product introduction. <i>International Journal of Production Economics</i> , 2020, 230, 107898.	5.1	18
42	Sustainable packaged food and beverage consumption transition in Indonesia: Persuasive communication to affect consumer behavior. <i>Resources, Conservation and Recycling</i> , 2020, 161, 104933.	5.3	25
43	Cooperative Innovation Behavior Based on Big Data. <i>Mathematical Problems in Engineering</i> , 2020, 2020, 1-14.	0.6	4
44	Electric Vehicle Relay Lifetime Prediction Model Using the Improving Fireworks Algorithm and Grey Neural Network Model. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 1940.	1.3	12
45	A comparison of forecasting methods for medical device demand using trend-based clustering scheme. <i>Journal of Data Information and Management</i> , 2020, 2, 85-94.	1.6	7
46	Improving power quality efficient in demand response: Aggregated heating, ventilation and air-conditioning systems. <i>Journal of Cleaner Production</i> , 2020, 267, 122178.	4.6	11
47	Unlocking innovation in the sport industry through additive manufacturing. <i>Business Process Management Journal</i> , 2019, 25, 456-475.	2.4	22
48	Comparison of AR and physical experiential learning environment in supporting product innovation. <i>International Journal of Engineering Business Management</i> , 2019, 11, 184797901983957.	2.1	11
49	Human factors in information leakage: mitigation strategies for information sharing integrity. <i>Industrial Management and Data Systems</i> , 2019, 119, 1242-1267.	2.2	27
50	Reprint of: Service innovation in sustainable product service systems: Improving performance under linguistic preferences. <i>International Journal of Production Economics</i> , 2019, 217, 159-170.	5.1	28
51	Riding the wave of belt and road initiative in servitization: Lessons from China. <i>International Journal of Production Economics</i> , 2019, 211, 15-21.	5.1	24
52	Bridging customer knowledge to innovative product development: a data mining approach. <i>International Journal of Production Research</i> , 2019, 57, 6335-6350.	4.9	34
53	The impact of Brexit on designing a material-based global supply chain network for Asian manufacturers. <i>Management of Environmental Quality</i> , 2019, 30, 980-1000.	2.2	12
54	Sustainable Implementation Success Factors of AGVs in the Brazilian Industry Supply Chain Management. <i>Procedia Manufacturing</i> , 2019, 39, 1577-1586.	1.9	19

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55	Industry 4.0 to Accelerate the Circular Economy: A Case Study of Electric Scooter Sharing. Sustainability, 2019, 11, 6661.	1.6	71
56	Loyalty toward online food delivery service: the role of e-service quality and food quality. Journal of Foodservice Business Research, 2019, 22, 81-97.	1.3	212
57	Developing one-sided specification six-sigma fuzzy quality index and testing model to measure the process performance of fuzzy information. International Journal of Production Economics, 2019, 208, 560-565.	5.1	37
58	Managing quality risk in supply chain to drive firm's performance: The roles of control mechanisms. Journal of Business Research, 2019, 97, 291-303.	5.8	47
59	Transformative innovation: turning commoditised products into radically high-valued products. Journal of Intelligent Manufacturing, 2019, 30, 2645-2658.	4.4	3
60	Green and lean sustainable development path in China: Guanxi , practices and performance. Resources, Conservation and Recycling, 2018, 128, 240-249.	5.3	95
61	False failure returns: Optimal pricing and return policies in a dual-channel supply chain. Journal of Systems Science and Systems Engineering, 2018, 27, 292-321.	0.8	12
62	A maximum power point tracking method for PV system with improved gravitational search algorithm. Applied Soft Computing Journal, 2018, 65, 333-348.	4.1	53
63	Supply chain quality and pricing decisions under multi-manufacturer competition. Industrial Management and Data Systems, 2018, 118, 164-187.	2.2	16
64	The effect of lean methods and tools on the environmental performance of manufacturing organisations. International Journal of Production Economics, 2018, 200, 170-180.	5.1	159
65	Inside out: The interrelationships of sustainable performance metrics and its effect on business decision making: Theory and practice. Resources, Conservation and Recycling, 2018, 128, 155-166.	5.3	54
66	Sustainable Chinese manufacturing competitiveness in the 21st century: green and lean practices, pressure and performance. International Journal of Computer Integrated Manufacturing, 2018, 31, 523-536.	2.9	28
67	Unlocking the power of big data in new product development. Annals of Operations Research, 2018, 270, 577-595.	2.6	96
68	How Social Capital Affects the Quality Performance of Agricultural Products: Evidence from a Binary Perspective of China. Sustainability, 2018, 10, 3009.	1.6	4
69	Impact of fiscal decentralization on green total factor productivity. International Journal of Production Economics, 2018, 205, 359-367.	5.1	228
70	Lean and green approach: An evaluation tool for new product development focused on small and medium enterprises. International Journal of Production Economics, 2018, 205, 62-73.	5.1	50
71	Service innovation in sustainable product service systems: Improving performance under linguistic preferences. International Journal of Production Economics, 2018, 203, 414-425.	5.1	46
72	A proposed framework for accelerated innovation in data-driven environments. Industrial Management and Data Systems, 2018, 118, 1266-1286.	2.2	7

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73	Toward sustainability: using big data to explore the decisive attributes of supply chain risks and uncertainties. <i>Journal of Cleaner Production</i> , 2017, 142, 663-676.	4.6	182
74	Unpacking the indirect effects and consequences of environmental regulation. <i>International Journal of Production Economics</i> , 2017, 186, 46-54.	5.1	12
75	A big data framework for facilitating product innovation processes. <i>Business Process Management Journal</i> , 2017, 23, 518-536.	2.4	59
76	Knowledge management in sustainable supply chain management: Improving performance through an interpretive structural modelling approach. <i>Journal of Cleaner Production</i> , 2017, 162, 806-816.	4.6	199
77	Using big data to make better decisions in the digital economy. <i>International Journal of Production Research</i> , 2017, 55, 4998-5000.	4.9	60
78	The impact of external integration on halal food integrity. <i>Supply Chain Management</i> , 2017, 22, 186-199.	3.7	58
79	A Big Data Decision-making Mechanism for Food Supply Chain. <i>MATEC Web of Conferences</i> , 2017, 100, 02048.	0.1	4
80	Managing social responsibility in Chinese agriculture supply chains through the "œœ company + farmers" model. <i>European Business Review</i> , 2017, 29, 344-359.	1.9	20
81	A supply chain integrity framework for halal food. <i>British Food Journal</i> , 2017, 119, 20-38.	1.6	70
82	Investment performance analysis of industrial products: Case of an effluent processing facility at a chemical company. <i>International Journal of Production Economics</i> , 2017, 194, 52-58.	5.1	4
83	Food supply chain integrity: the need to go beyond certification. <i>Industrial Management and Data Systems</i> , 2017, 117, 1589-1611.	2.2	45
84	Reprint "Unpacking the indirect effects and consequences of environmental". <i>International Journal of Production Economics</i> , 2017, 190, 22-30.	5.1	3
85	A study on decision-making of food supply chain based on big data. <i>Journal of Systems Science and Systems Engineering</i> , 2017, 26, 183-198.	0.8	40
86	Improving new product development using big data: a case study of an electronics company. <i>R and D Management</i> , 2017, 47, 570-582.	3.0	63
87	Review of sustainable service-based business models in the Chinese truck sector. <i>Sustainable Production and Consumption</i> , 2017, 11, 31-45.	5.7	11
88	Incorporating human factors into the AAMT selection: a framework and process. <i>International Journal of Production Research</i> , 2017, 55, 1459-1470.	4.9	8
89	The unique chinese innovation pathways: Lessons from chinese small and medium sized manufacturing firms. <i>International Journal of Production Economics</i> , 2017, 190, 80-87.	5.1	30
90	Data-Driven Inventory Management in the Healthcare Supply Chain. <i>Advances in Logistics, Operations, and Management Science Book Series</i> , 2017, , 75-91.	0.3	4

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91	Using Big Data to manage safety-related risk in the upstream oil & gas industry: A research agenda. Energy Exploration and Exploitation, 2016, 34, 282-289.	1.1	17
92	Identifying the competitive determinants of firms' green supply chain capabilities under uncertainty. Clean Technologies and Environmental Policy, 2016, 18, 1247-1262.	2.1	48
93	An empirical analysis of consumer motivation towards reverse exchange. Supply Chain Management, 2016, 21, 180-193.	3.7	25
94	Unlocking supply chain disruption risk within the Thai beverage industry. Industrial Management and Data Systems, 2016, 116, 21-42.	2.2	37
95	An integrated framework for competency development: perspectives of risk managers in banks. Service Business, 2016, 10, 581-602.	2.2	2
96	Information and Knowledge Leakage in Supply Chain. Information Systems Frontiers, 2016, 18, 621-638.	4.1	58
97	Augmenting Halal Food Integrity through Supply Chain Integration. Jurnal Pengurusan, 2016, 48, 21-31.	0.7	11
98	Organisational ambidexterity within process improvement. Journal of Manufacturing Technology Management, 2015, 26, 458-476.	3.3	17
99	Information communication technology and sustainable food supply chain: a resource-based analysis. International Journal of Business Performance and Supply Chain Modelling, 2015, 7, 233.	0.2	6
100	Harvesting big data to enhance supply chain innovation capabilities: An analytic infrastructure based on deduction graph. International Journal of Production Economics, 2015, 165, 223-233.	5.1	318
101	An integrated marginal analysis approach for build-to-order products. International Journal of Production Economics, 2015, 170, 422-428.	5.1	9
102	Rapid production ramp-up capability: a collaborative supply network perspective. International Journal of Production Research, 2014, 52, 2999-3013.	4.9	28
103	Effects of managerial ties and trust on supply chain information sharing and supplier opportunism. International Journal of Production Research, 2014, 52, 7046-7061.	4.9	110
104	Using TODIM to evaluate green supply chain practices under uncertainty. Applied Mathematical Modelling, 2014, 38, 2983-2995.	2.2	96
105	Close-loop or open hierarchical structures in green supply chain management under uncertainty. Expert Systems With Applications, 2014, 41, 3250-3260.	4.4	69
106	Benchmarking eco-efficiency in green supply chain practices in uncertainty. Production Planning and Control, 2014, 25, 1079-1090.	5.8	61
107	A business process management capabilities perspective on organisation performance. Total Quality Management and Business Excellence, 2014, 25, 602-617.	2.4	41
108	Managing the Indirect Effects of Environmental Regulation and Performance Measurement. Industrial Engineering and Management Systems, 2014, 13, 148-153.	0.3	18

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109	Extenuating Food Integrity Risk through Supply Chain Integration: The Case of Halal Food. <i>Industrial Engineering and Management Systems</i> , 2014, 13, 154-162.	0.3	36
110	Foreword: Special Issue on OPERATIONAL EXCELLENCE TOWARDS GREEN GROWTH. <i>Industrial Engineering and Management Systems</i> , 2014, 13, 117-117.	0.3	0
111	The impact of organization ownership structure on JIT implementation and production operations performance. <i>International Journal of Operations and Production Management</i> , 2013, 33, 1202-1229.	3.5	42
112	Green as the new Lean: how to use Lean practices as a catalyst to greening your supply chain. <i>Journal of Cleaner Production</i> , 2013, 40, 93-100.	4.6	488
113	Market demand, green product innovation, and firm performance: evidence from Vietnam motorcycle industry. <i>Journal of Cleaner Production</i> , 2013, 40, 101-107.	4.6	488
114	Managing lean capabilities through flexible workforce development: a process and framework. <i>Production Planning and Control</i> , 2013, 24, 1066-1076.	5.8	37
115	Improving postponement operation in warehouse: an intelligent pick-and-pack decision-support system. <i>International Journal of Production Research</i> , 2012, 50, 7181-7197.	4.9	11
116	Managing product quality risk and visibility in multi-layer supply chain. <i>International Journal of Production Economics</i> , 2012, 139, 49-57.	5.1	120
117	Justification for the selection of manufacturing technologies: a fuzzy-decision-tree-based approach. <i>International Journal of Production Research</i> , 2012, 50, 6945-6962.	4.9	7
118	Sustaining growth in electronic manufacturing sector: lessons from Japanese mid-size EMS providers. <i>International Journal of Production Research</i> , 2011, 49, 5415-5430.	4.9	18
119	A marginal analysis guided technology evaluation and selection. <i>International Journal of Production Economics</i> , 2011, 131, 15-21.	5.1	19
120	Managing product quality risk in a multi-tier global supply chain. <i>International Journal of Production Research</i> , 2011, 49, 139-158.	4.9	106
121	Quality risk in global supply network. <i>Journal of Manufacturing Technology Management</i> , 2011, 22, 1002-1013.	3.3	36
122	A plug and play pathway approach for operations management games development. <i>Computers and Education</i> , 2010, 55, 109-117.	5.1	30
123	Linking operations objectives to actions: A plug and play approach. <i>International Journal of Production Economics</i> , 2009, 121, 610-619.	5.1	10
124	Uncovering the links between regulation and performance measurement. <i>International Journal of Production Economics</i> , 2009, 122, 449-457.	5.1	18
125	Educator insight on simulations and games: a comparative study between business schools in Thailand and the UK. <i>On the Horizon</i> , 2009, 17, 323-329.	1.0	5
126	The design of an RFID-enhanced autonomous storage planning system for 3PL warehouses. <i>International Journal of Value Chain Management</i> , 2009, 3, 108.	0.1	7



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127	Effective toolbox for lean service implementation. International Journal of Services and Standards, 2009, 5, 1.	0.2	11
128	Is globalisation an enabler of radical innovation in Toyota?. International Journal of Entrepreneurship and Innovation Management, 2009, 9, 285.	0.1	3
129	The application of management simulation and game teaching in Taiwan and Australia. On the Horizon, 2009, 17, 397-407.	1.0	4
130	Leveraging the supply chain flexibility of third party logistics – Hybrid knowledge-based system approach. Expert Systems With Applications, 2008, 35, 1998-2016.	4.4	72
131	Issues and challenges of CSR practices in textile industry: an empirical study in Suzhou, China. International Journal of Management and Enterprise Development, 2008, 5, 759.	0.1	11
132	Predictive performance measurement system. Benchmarking, 2007, 14, 77-91.	2.9	38
133	Comparing games and case methods in enhancing student learning. International Journal of Innovation and Learning, 2007, 4, 224.	0.4	15
134	Plug and play (PnP) modelling approach to throughput analysis. Journal of Manufacturing Technology Management, 2007, 18, 807-817.	3.3	6
135	Managing manufacturing technology investments: An intelligent learning system approach. International Journal of Computer Integrated Manufacturing, 2006, 19, 4-13.	2.9	11
136	A framework for developing and using a predictive delivery performance measurement system. International Journal of Manufacturing Technology and Management, 2006, 8, 308.	0.1	6
137	Managing –downstream–™ supply network: A process and tool. International Journal of Production Economics, 2006, 104, 722-735.	5.1	8
138	An intelligent decision support system for manufacturing technology investments. International Journal of Production Economics, 2006, 104, 179-190.	5.1	39
139	The evolution of China's mobile telecommunications industry: past, present and future. International Journal of Mobile Communications, 2005, 3, 114.	0.2	30
140	Enhancing learning effectiveness through connectance diagrams. Learning Organization, 2005, 12, 261-274.	0.7	2
141	Effective strategic action planning: a process and tool. Business Process Management Journal, 2005, 11, 137-157.	2.4	6
142	Building performance through in-process measurement. International Journal of Productivity and Performance Management, 2004, 53, 233-244.	2.2	15
143	A connectance-based approach for managing manufacturing knowledge. Industrial Management and Data Systems, 2004, 104, 158-168.	2.2	16
144	Cracking the Incremental Paradigm of Japanese Creativity. Creativity and Innovation Management, 2004, 13, 207-215.	1.9	12

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145	Operationalising strategy: Mapping manufacturing variables. International Journal of Production Economics, 2004, 89, 379-393.	5.1	25
146	Strategy visualisation: knowing, understanding, and formulating. Management Decision, 2004, 42, 667-676.	2.2	49
147	A process and tool for supply network analysis. Industrial Management and Data Systems, 2004, 104, 355-363.	2.2	17
148	SMEs' business growth model: a medium to big effort. International Journal of Management and Enterprise Development, 2004, 1, 195.	0.1	38
149	Taking product to market: a selection framework based on life cycle theories. International Journal of Services and Standards, 2004, 1, 4.	0.2	9
150	Linking Objectives to Actions: A Decision Support Approach Based on Cause-Effect Linkages. Decision Sciences, 2003, 34, 569-593.	3.2	49
151	MANAGING MANUFACTURING ACTION PLANS. International Journal of Innovation Management, 2002, 06, 369-385.	0.7	5
152	Crossing the chasm: overcoming technology transfer barriers resulting from changing technical requirements in the process of innovation development in R&D organisations. Technology Analysis and Strategic Management, 0, , 1-15.	2.0	5