Patrick Mikalef

List of Publications by Year
in descending order

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78 papers	5,274 citations	159585 30 h-index	102487 66 g-index
87 all docs	87 docs citations	87 times ranked	2551 citing authors

#	Article	IF	Citations
1	Information technology-enabled dynamic capabilities and their indirect effect on competitive performance: Findings from PLS-SEM and fsQCA. Journal of Business Research, 2017, 70, 1-16.	10.2	557
2	Big data analytics capabilities: a systematic literature review and research agenda. Information Systems and E-Business Management, 2018, 16, 547-578.	3.7	424
3	Big Data Analytics Capabilities and Innovation: The Mediating Role of Dynamic Capabilities and Moderating Effect of the Environment. British Journal of Management, 2019, 30, 272-298.	5.0	362
4	Exploring the relationship between big data analytics capability and competitive performance: The mediating roles of dynamic and operational capabilities. Information and Management, 2020, 57, 103169.	6.5	330
5	Big data analytics and firm performance: Findings from a mixed-method approach. Journal of Business Research, 2019, 98, 261-276.	10.2	321
6	The smart circular economy: A digital-enabled circular strategies framework for manufacturing companies. Journal of Business Research, 2020, 120, 241-261.	10.2	321
7	Artificial intelligence capability: Conceptualization, measurement calibration, and empirical study on its impact on organizational creativity and firm performance. Information and Management, 2021, 58, 103434.	6.5	283
8	Big data and business analytics ecosystems: paving the way towards digital transformation and sustainable societies. Information Systems and E-Business Management, 2018, 16, 479-491.	3.7	244
9	Artificial intelligence in information systems research: A systematic literature review and research agenda. International Journal of Information Management, 2021, 60, 102383.	17.5	196
10	Artificial Intelligence and Business Value: a Literature Review. Information Systems Frontiers, 2022, 24, 1709-1734.	6.4	142
11	Shopping and Word-of-Mouth Intentions on Social Media. Journal of Theoretical and Applied Electronic Commerce Research, 2013, 8, 5-6.	5.7	132
12	The effects of business analytics capability on circular economy implementation, resource orchestration capability, and firm performance. International Journal of Production Economics, 2021, 239, 108205.	8.9	128
13	Examining the interplay between big data analytics and contextual factors in driving process innovation capabilities. European Journal of Information Systems, 2020, 29, 260-287.	9.2	126
14	Using business analytics to enhance dynamic capabilities in operations research: A case analysis and research agenda. European Journal of Operational Research, 2020, 281, 656-672.	5.7	114
15	The role of information governance in big data analytics driven innovation. Information and Management, 2020, 57, 103361.	6.5	102
16	IT architecture flexibility and IT governance decentralisation as drivers of IT-enabled dynamic capabilities and competitive performance: The moderating effect of the external environment. European Journal of Information Systems, 2021, 30, 512-540.	9.2	82
17	Building dynamic capabilities by leveraging big data analytics: The role of organizational inertia. Information and Management, 2021, 58, 103412.	6.5	77
18	Identifying the combinations of motivations and emotions for creating satisfied users in SNSs: An fsQCA approach. International Journal of Information Management, 2020, 53, 102128.	17.5	74

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19	Thinking responsibly about responsible AI and â€˜the dark sideâ€™ of AI. European Journal of Information Systems, 2022, 31, 257-268.	9.2	70
20	Towards a business analytics capability for the circular economy. Technological Forecasting and Social Change, 2021, 171, 120957.	11.6	62
21	Designing social commerce platforms based on consumersâ€™ intentions. Behaviour and Information Technology, 2017, 36, 1308-1327.	4.0	57
22	Purchasing alignment under multiple contingencies: a configuration theory approach. Industrial Management and Data Systems, 2015, 115, 625-645.	3.7	55
23	Artificial intelligence as an enabler of B2B marketing: A dynamic capabilities micro-foundations approach. Industrial Marketing Management, 2021, 98, 80-92.	6.7	55
24	Responsible AI for Digital Health: a Synthesis and a Research Agenda. Information Systems Frontiers, 2023, 25, 2139-2157.	6.4	52
25	How Artificial Intelligence affords digital innovation: A cross-case analysis of Scandinavian companies. Technological Forecasting and Social Change, 2021, 173, 121081.	11.6	49
26	Explaining travellers online information satisfaction: A complexity theory approach on information needs, barriers, sources and personal characteristics. Information and Management, 2017, 54, 814-824.	6.5	46
27	Driving organizational sustainability-oriented innovation capabilities: a complex adaptive systems perspective. Current Opinion in Environmental Sustainability, 2017, 28, 71-79.	6.3	44
28	Enabling AI capabilities in government agencies: A study of determinants for European municipalities. Government Information Quarterly, 2022, 39, 101596.	6.8	44
29	Explaining user experience in mobile gaming applications: an fsQCA approach. Internet Research, 2019, 29, 293-314.	4.9	43
30	Assessing Organizational Usersâ€™ Intentions and Behavior to AI Integrated CRM Systems: a Meta-UTAUT Approach. Information Systems Frontiers, 2023, 25, 1299-1313.	6.4	40
31	Online information search behaviour of physicians. Health Information and Libraries Journal, 2017, 34, 58-73.	2.5	35
32	Systematic Literature Review of E-Learning Capabilities to Enhance Organizational Learning. Information Systems Frontiers, 2022, 24, 619-635.	6.4	31
33	The human side of big data: Understanding the skills of the data scientist in education and industry. , 2018, , .		30
34	Investigating studentsâ€™ use and adoption of with-video assignments: lessons learnt for video-based open educational resources. Journal of Computing in Higher Education, 2017, 29, 160-177.	6.1	28
35	Information and communication technologies (ICT)-enabled severe moral communities and how the (Covid19) pandemic might bring new ones. International Journal of Information Management, 2021, 57, 102271.	17.5	28
36	Toward the understanding of national culture in the success of nonâ€pharmaceutical technological interventions in mitigating COVID-19 pandemic. Annals of Operations Research, 2022, 319, 1433-1450.	4.1	26

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37	An integrative adoption model of video-based learning. International Journal of Information and Learning Technology, 2016, 33, 219-235.	2.3	26
38	Seeking Information on Social Commerce: An Examination of the Impact of User- and Marketer-generated Content Through an Eye-tracking Study. Information Systems Frontiers, 2021, 23, 1273-1286.	6.4	25
39	Truth or Dare? â€“ How can we Influence the Adoption of Artificial Intelligence in Municipalities?. , 0, , .		24
40	Digital working during the COVID-19 pandemic: how taskâ€“technology fit improves work performance and lessens feelings of loneliness. Information Technology and People, 2023, 36, 2063-2087.	3.2	19
41	Developing an Artificial Intelligence Capability: A Theoretical Framework for Business Value. Lecture Notes in Business Information Processing, 2019, , 409-416.	1.0	18
42	Toward AI Governance: Identifying Best Practices and Potential Barriers and Outcomes. Information Systems Frontiers, 2023, 25, 123-141.	6.4	16
43	Investigating the Data Science Skill Gap: An Empirical Analysis. , 2019, , .		15
44	Information Governance in the Big Data Era: Aligning Organizational Capabilities. , 2018, , .		15
45	Investigating the Impact of Procurement Alignment on Supply Chain Management Performance. Procedia Technology, 2013, 9, 310-319.	1.1	14
46	Empowering social innovators through collaborative and experiential learning. , 2018, , .		14
47	Exploring the Relationship Between Data Science and Circular Economy: An Enhanced CRISP-DM Process Model. Lecture Notes in Computer Science, 2019, , 177-189.	1.3	14
48	Identifying dropout factors in information technology education: A case study. , 2017, , .		13
49	Strategic Alignment Between IT Flexibility and Dynamic Capabilities. International Journal on IT/Business Alignment and Governance, 2018, 9, 1-20.	0.7	13
50	Artificial Intelligence in the Public Sector: A Study of Challenges and Opportunities for Norwegian Municipalities. Lecture Notes in Computer Science, 2019, , 267-277.	1.3	13
51	Big Data Enabled Organizational Transformation: The Effect of Inertia in Adoption and Diffusion. Lecture Notes in Business Information Processing, 2018, , 135-147.	1.0	12
52	Visual Aesthetics of E-Commerce Websites: An Eye-Tracking Approach. , 2018, , .		11
53	Assessing the Implementation of AI Integrated CRM System for B2C Relationship Management: Integrating Contingency Theory and Dynamic Capability View Theory. Information Systems Frontiers, 0, , .	6.4	9
54	Developing IT-Enabled Dynamic Capabilities: A Service Science Approach. Lecture Notes in Business Information Processing, 2014, , 87-100.	1.0	8

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55	Exploring the Online Satisfaction Gap of Medical Doctors: An Expectation-Confirmation Investigation of Information Needs. Advances in Experimental Medicine and Biology, 2015, 820, 217-228.	1.6	8
56	Online Reviews or Marketer Information? An Eye-Tracking Study on Social Commerce Consumers. Lecture Notes in Computer Science, 2017, , 388-399.	1.3	8
57	Strategic Value Creation through Big Data Analytics Capabilities: A Configurational Approach. , 2019, , .		7
58	Deploying AI Governance Practices: A Revelatory Case Study. Lecture Notes in Computer Science, 2021, , 208-219.	1.3	7
59	Business alignment in the procurement domain: a study of antecedents and determinants of supply chain performance. , 2014, 2, 43-59.		7
60	Consumer Intentions on Social Media: A fsQCA Analysis of Motivations. Lecture Notes in Computer Science, 2016, , 371-386.	1.3	6
61	Big Data Analytics as an Enabler of Process Innovation Capabilities: A Configurational Approach. Lecture Notes in Computer Science, 2018, , 426-441.	1.3	5
62	Business analytics and big data research in information systems. Journal of Business Analytics, 2022, 5, 1-7.	2.7	5
63	Why Are Users of Social Media Inclined to Word-of-Mouth?. IFIP Advances in Information and Communication Technology, 2013, , 112-123.	0.7	4
64	An Introduction to Digital Transformation. , 2022, , 1-10.		4
65	The Effect of Strategic Alignment of Complementary IT and Organizational Capabilities on Competitive Firm Performance. Lecture Notes in Business Information Processing, 2017, , 115-126.	1.0	3
66	Big Data is Power: Business Value from a Process Oriented Analytics Capability. Lecture Notes in Business Information Processing, 2019, , 468-480.	1.0	3
67	How Quickly Can We Predict Usersâ€™ Ratings on Aesthetic Evaluations of Websites? Employing Machine Learning on Eye-Tracking Data. Lecture Notes in Computer Science, 2020, , 429-440.	1.3	3
68	The Case of Norway and Digital Transformation over the Years. , 2022, , 11-18.		3
69	Social Media and Analytics for Competitive Performance: A Conceptual Research Framework. Lecture Notes in Business Information Processing, 2017, , 209-218.	1.0	2
70	Benefits management and Information Technology work distribution. IET Software, 2022, 16, 438-454.	2.1	2
71	Investigating Determinants of Video-Based Learning Acceptance. Lecture Notes in Educational Technology, 2016, , 483-491.	0.8	1
72	Determining Consumer Engagement in Word-of-Mouth: Trust and Network Ties in a Social Commerce Setting. Lecture Notes in Computer Science, 2017, , 351-362.	1.3	1

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73	Motivations and Emotions in Social Media: Explaining Usersâ€™ Satisfaction with FsQCA. Lecture Notes in Computer Science, 2017, , 375-387.	1.3	1
74	The Role of Contemporary Skills in Information Technology Professionals: An FsQCA Approach. Lecture Notes in Computer Science, 2017, , 485-496.	1.3	0
75	An Examination of Task-Technology Fit in Public Administration and Management: A Configurational Approach. , 2019, , .		0
76	AI Transformation in the Public Sector: Ongoing Research. , 2021, , .		0
77	Task-Technology Fit in Manufacturing: Examining Human-Machine Symbiosis Through a Configurational Approach. IFIP Advances in Information and Communication Technology, 2019, , 624-632.	0.7	0
78	Technology-Enhanced Organizational Learning: A Systematic Literature Review. Lecture Notes in Computer Science, 2019, , 573-584.	1.3	0