

# Patrick Mikalef

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

77  
papers

2,233  
citations

22  
h-index

46  
g-index

87  
ext. papers

3,423  
ext. citations

4  
avg, IF

6.42  
L-index

#	Paper	IF	Citations
77	Information technology-enabled dynamic capabilities and their indirect effect on competitive performance: Findings from PLS-SEM and fsQCA. <i>Journal of Business Research</i> , <b>2017</b> , 70, 1-16	8.7	264
76	Big data analytics capabilities: a systematic literature review and research agenda. <i>Information Systems and E-Business Management</i> , <b>2018</b> , 16, 547-578	2.6	235
75	Big data analytics and firm performance: Findings from a mixed-method approach. <i>Journal of Business Research</i> , <b>2019</b> , 98, 261-276	8.7	163
74	Big Data Analytics Capabilities and Innovation: The Mediating Role of Dynamic Capabilities and Moderating Effect of the Environment. <i>British Journal of Management</i> , <b>2019</b> , 30, 272-298	5.6	149
73	Exploring the relationship between big data analytics capability and competitive performance: The mediating roles of dynamic and operational capabilities. <i>Information and Management</i> , <b>2020</b> , 57, 103169	6.6	125
72	The smart circular economy: A digital-enabled circular strategies framework for manufacturing companies. <i>Journal of Business Research</i> , <b>2020</b> , 120, 241-261	8.7	113
71	Shopping and Word-of-Mouth Intentions on Social Media. <i>Journal of Theoretical and Applied Electronic Commerce Research</i> , <b>2013</b> , 8, 5-6	4.1	92
70	Artificial intelligence capability: Conceptualization, measurement calibration, and empirical study on its impact on organizational creativity and firm performance. <i>Information and Management</i> , <b>2021</b> , 58, 103434	6.6	78
69	Using business analytics to enhance dynamic capabilities in operations research: A case analysis and research agenda. <i>European Journal of Operational Research</i> , <b>2020</b> , 281, 656-672	5.6	60
68	Examining the interplay between big data analytics and contextual factors in driving process innovation capabilities. <i>European Journal of Information Systems</i> , <b>2020</b> , 29, 260-287	6.4	46
67	Artificial intelligence in information systems research: A systematic literature review and research agenda. <i>International Journal of Information Management</i> , <b>2021</b> , 60, 102383	16.4	45
66	Purchasing alignment under multiple contingencies: a configuration theory approach. <i>Industrial Management and Data Systems</i> , <b>2015</b> , 115, 625-645	3.6	44
65	Designing social commerce platforms based on consumers' intentions. <i>Behaviour and Information Technology</i> , <b>2017</b> , 36, 1308-1327	2.4	41
64	The role of information governance in big data analytics driven innovation. <i>Information and Management</i> , <b>2020</b> , 57, 103361	6.6	35
63	IT architecture flexibility and IT governance decentralisation as drivers of IT-enabled dynamic capabilities and competitive performance: The moderating effect of the external environment. <i>European Journal of Information Systems</i> , <b>2020</b> , 1-29	6.4	33
62	Explaining travellers online information satisfaction: A complexity theory approach on information needs, barriers, sources and personal characteristics. <i>Information and Management</i> , <b>2017</b> , 54, 814-824	6.6	31
61	Driving organizational sustainability-oriented innovation capabilities: a complex adaptive systems perspective. <i>Current Opinion in Environmental Sustainability</i> , <b>2017</b> , 28, 71-79	7.2	30

60	Identifying the combinations of motivations and emotions for creating satisfied users in SNSs: An fsQCA approach. <i>International Journal of Information Management</i> , <b>2020</b> , 53, 102128	16.4	30
59	Building dynamic capabilities by leveraging big data analytics: The role of organizational inertia. <i>Information and Management</i> , <b>2021</b> , 58, 103412	6.6	24
58	The effects of business analytics capability on circular economy implementation, resource orchestration capability, and firm performance. <i>International Journal of Production Economics</i> , <b>2021</b> , 239, 108205	9.3	24
57	Explaining user experience in mobile gaming applications: an fsQCA approach. <i>Internet Research</i> , <b>2019</b> , 29, 293-314	4.8	22
56	Online information search behaviour of physicians. <i>Health Information and Libraries Journal</i> , <b>2017</b> , 34, 58-73	2.9	20
55	An integrative adoption model of video-based learning. <i>International Journal of Information and Learning Technology</i> , <b>2016</b> , 33, 219-235	1.9	19
54	Towards a business analytics capability for the circular economy. <i>Technological Forecasting and Social Change</i> , <b>2021</b> , 171, 120957	9.5	19
53	Investigating students' use and adoption of with-video assignments: lessons learnt for video-based open educational resources. <i>Journal of Computing in Higher Education</i> , <b>2017</b> , 29, 160-177	3.5	17
52	Responsible AI for Digital Health: a Synthesis and a Research Agenda. <i>Information Systems Frontiers</i> , 1	4	16
51	Artificial Intelligence and Business Value: a Literature Review. <i>Information Systems Frontiers</i> , 1	4	15
50	Information and communication technologies (ICT)-enabled severe moral communities and how the (Covid19) pandemic might bring new ones. <i>International Journal of Information Management</i> , <b>2021</b> , 57, 102271	16.4	14
49	Enabling AI capabilities in government agencies: A study of determinants for European municipalities. <i>Government Information Quarterly</i> , <b>2021</b> , 101596	7.6	13
48	The human side of big data: Understanding the skills of the data scientist in education and industry <b>2018</b> ,		13
47	Investigating the Impact of Procurement Alignment on Supply Chain Management Performance. <i>Procedia Technology</i> , <b>2013</b> , 9, 310-319		12
46	Toward the understanding of national culture in the success of non-pharmaceutical technological interventions in mitigating COVID-19 pandemic. <i>Annals of Operations Research</i> , <b>2021</b> , 1-18	3.2	12
45	Developing an Artificial Intelligence Capability: A Theoretical Framework for Business Value. <i>Lecture Notes in Business Information Processing</i> , <b>2019</b> , 409-416	0.6	11
44	How Artificial Intelligence affords digital innovation: A cross-case analysis of Scandinavian companies. <i>Technological Forecasting and Social Change</i> , <b>2021</b> , 173, 121081	9.5	10
43	Information Governance in the Big Data Era: Aligning Organizational Capabilities <b>2018</b> ,		9

42	Big Data Enabled Organizational Transformation: The Effect of Inertia in Adoption and Diffusion. <i>Lecture Notes in Business Information Processing</i> , <b>2018</b> , 135-147	0.6	8
41	Systematic Literature Review of E-Learning Capabilities to Enhance Organizational Learning. <i>Information Systems Frontiers</i> , <b>2021</b> , 1-17	4	8
40	Investigating the Data Science Skill Gap: An Empirical Analysis <b>2019</b> ,		7
39	Exploring the online satisfaction gap of medical doctors: an expectation-confirmation investigation of information needs. <i>Advances in Experimental Medicine and Biology</i> , <b>2015</b> , 820, 217-28	3.6	7
38	Developing IT-Enabled Dynamic Capabilities: A Service Science Approach. <i>Lecture Notes in Business Information Processing</i> , <b>2014</b> , 87-100	0.6	7
37	Business alignment in the procurement domain: a study of antecedents and determinants of supply chain performance <b>2014</b> , 2, 43-59		7
36	Visual Aesthetics of E-Commerce Websites: An Eye-Tracking Approach <b>2018</b> ,		7
35	Artificial Intelligence in the Public Sector: A Study of Challenges and Opportunities for Norwegian Municipalities. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 267-277	0.9	7
34	Identifying dropout factors in information technology education: A case study <b>2017</b> ,		6
33	Seeking Information on Social Commerce: An Examination of the Impact of User- and Marketer-generated Content Through an Eye-tracking Study. <i>Information Systems Frontiers</i> , <b>2020</b> , 1	4	6
32	Empowering social innovators through collaborative and experiential learning <b>2018</b> ,		6
31	Exploring the Relationship Between Data Science and Circular Economy: An Enhanced CRISP-DM Process Model. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 177-189	0.9	6
30	Consumer Intentions on Social Media: A fsQCA Analysis of Motivations. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 371-386	0.9	6
29	Truth or Dare? How can we Influence the Adoption of Artificial Intelligence in Municipalities?		6
28	Strategic Alignment Between IT Flexibility and Dynamic Capabilities. <i>International Journal on IT/Business Alignment and Governance</i> , <b>2018</b> , 9, 1-20	0.1	6
27	Online Reviews or Marketer Information? An Eye-Tracking Study on Social Commerce Consumers. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 388-399	0.9	5
26	Artificial intelligence as an enabler of B2B marketing: A dynamic capabilities micro-foundations approach. <i>Industrial Marketing Management</i> , <b>2021</b> , 98, 80-92	6.9	5
25	Why Are Users of Social Media Inclined to Word-of-Mouth?. <i>IFIP Advances in Information and Communication Technology</i> , <b>2013</b> , 112-123	0.5	4

24	Digital working during the COVID-19 pandemic: how task-technology fit improves work performance and lessens feelings of loneliness. <i>Information Technology and People</i> , <b>2021</b> , ahead-of-print,	3.4	4
23	The Effect of Strategic Alignment of Complementary IT and Organizational Capabilities on Competitive Firm Performance. <i>Lecture Notes in Business Information Processing</i> , <b>2017</b> , 115-126	0.6	3
22	Thinking responsibly about responsible AI and the dark side of AI. <i>European Journal of Information Systems</i> , 1-12	6.4	3
21	Strategic Value Creation through Big Data Analytics Capabilities: A Configurational Approach <b>2019</b> ,		2
20	Big Data Analytics as an Enabler of Process Innovation Capabilities: A Configurational Approach. <i>Lecture Notes in Computer Science</i> , <b>2018</b> , 426-441	0.9	2
19	How Quickly Can We Predict Users' Ratings on Aesthetic Evaluations of Websites? Employing Machine Learning on Eye-Tracking Data. <i>Lecture Notes in Computer Science</i> , <b>2020</b> , 429-440	0.9	2
18	Big Data is Power: Business Value from a Process Oriented Analytics Capability. <i>Lecture Notes in Business Information Processing</i> , <b>2019</b> , 468-480	0.6	2
17	Deploying AI Governance Practices: A Revelatory Case Study. <i>Lecture Notes in Computer Science</i> , <b>2021</b> , 208-219	0.9	2
16	Mapping the Intellectual Progress in e-Business, e-Services and e-Society from 2001 to 2019. <i>Lecture Notes in Computer Science</i> , <b>2020</b> , 252-265	0.9	1
15	Social Media and Analytics for Competitive Performance: A Conceptual Research Framework. <i>Lecture Notes in Business Information Processing</i> , <b>2017</b> , 209-218	0.6	1
14	Investigating Determinants of Video-Based Learning Acceptance. <i>Lecture Notes in Educational Technology</i> , <b>2016</b> , 483-491	0.4	1
13	Determining Consumer Engagement in Word-of-Mouth: Trust and Network Ties in a Social Commerce Setting. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 351-362	0.9	1
12	Motivations and Emotions in Social Media: Explaining Users' Satisfaction with FsQCA. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 375-387	0.9	1
11	Assessing Organizational Users' Intentions and Behavior to AI Integrated CRM Systems: a Meta-UTAUT Approach. <i>Information Systems Frontiers</i> , 1	4	1
10	Toward AI Governance: Identifying Best Practices and Potential Barriers and Outcomes.. <i>Information Systems Frontiers</i> , <b>2022</b> , 1-19	4	1
9	The Case of Norway and Digital Transformation over the Years <b>2022</b> , 11-18		0
8	The Role of Contemporary Skills in Information Technology Professionals: An FsQCA Approach. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 485-496	0.9	
7	Task-Technology Fit in Manufacturing: Examining Human-Machine Symbiosis Through a Configurational Approach. <i>IFIP Advances in Information and Communication Technology</i> , <b>2019</b> , 624-632	0.5	

- 6 A Configurational Approach to Task-Technology Fit in the Healthcare Sector. *Lecture Notes in Business Information Processing*, **2019**, 169-180 0.6
- 5 Technology-Enhanced Organizational Learning: A Systematic Literature Review. *Lecture Notes in Computer Science*, **2019**, 573-584 0.9
- 4 A Framework for Digital Transformation for Research and Practice: Putting Things into Perspective **2022**, 175-186
- 3 An Introduction to Digital Transformation **2022**, 1-10
- 2 Concluding Remarks and Final Thoughts on Digital Transformation **2022**, 193-196
- 1 The Way Forward: A Practical Guideline for Successful Digital Transformation **2022**, 187-192