John Krogstie

List of Publications by Year
in descending order

		430874	642732
29	2,881	18	23
papers	citations	h-index	g-index
31	31	31	1485
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Big data analytics capabilities: a systematic literature review and research agenda. Information Systems and E-Business Management, 2018, 16, 547-578.	3.7	424
2	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
3	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
4	Big data analytics and firm performance: Findings from a mixed-method approach. Journal of Business Research, 2019, 98, 261-276.	10.2	321
5	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
6	The Metaverse as a Virtual Form of Smart Cities: Opportunities and Challenges for Environmental, Economic, and Social Sustainability in Urban Futures. Smart Cities, 2022, 5, 771-801.	9.4	196
7	Artificial Intelligence and Business Value: a Literature Review. Information Systems Frontiers, 2022, 24, 1709-1734.	6.4	142
8	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
9	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
10	Building dynamic capabilities by leveraging big data analytics: The role of organizational inertia. Information and Management, 2021, 58, 103412.	6.5	77
11	From Expert Discipline to Common Practice: A Vision and Research Agenda for Extending the Reach of Enterprise Modeling. Business and Information Systems Engineering, 2018, 60, 69-80.	6.1	73
12	Big data driven multi-tier architecture for electric mobility as a service in smart cities. International Journal of Energy Sector Management, 2020, 14, 1023-1047.	2.3	55
13	Supporting adaptive learning pathways through the use of learning analytics: developments, challenges and future opportunities. Interactive Learning Environments, 2018, 26, 206-220.	6.4	49
14	API deployment for big data management towards sustainable energy prosumption in smart cities-a layered architecture perspective. International Journal of Sustainable Energy, 2020, 39, 263-289.	2.4	46
15	Smart Eco-City Strategies and Solutions for Sustainability: The Cases of Royal Seaport, Stockholm, and Western Harbor, Malmö, Sweden. Urban Science, 2020, 4, 11.	2.3	46
16	The human side of big data: Understanding the skills of the data scientist in education and industry. , 2018, , .		30
17	Big data-oriented energy prosumption service in smart community districts: a multi-case study perspective. Energy Informatics, 2019, 2, .	2.3	30
18	Modeling pervasive platforms and digital services for smart urban transformation using an enterprise architecture framework. Information Technology and People, 2021, 34, 1285-1312.	3.2	29

#	Article	IF	Citations
19	F2c2C-DM: A Fog-to-cloudlet-to-Cloud Data Management Architecture in Smart City. , 2019, , .		16
20	Investigating the Data Science Skill Gap: An Empirical Analysis. , 2019, , .		15
21	Information Governance in the Big Data Era: Aligning Organizational Capabilities. , 2018, , .		15
22	Smart Facility Management: Future Healthcare Organization through Indoor Positioning Systems in the Light of Enterprise BIM. Smart Cities, 2020, 3, 793-805.	9.4	13
23	Becoming Fully Operational: Employability and the Need for Training of Computer Science Graduates. , 2020, , .		8
24	A Distributed-to-Centralized Smart Technology Management (D2C-STM) model for Smart Cities: a Use Case in the Zero Emission Neighborhoods. , 2019, , .		5
25	A model to evaluate the acceptance and usefulness of enterprise architecture for digitalization of cities. Kybernetes, 2023, 52, 422-447.	2.2	5
26	Editorial of the Special Issue on Mobile Human–Computer Interaction. International Journal of Human-Computer Interaction, 2017, 33, 429-430.	4.8	4
27	Large-Scale Information and Communications Technology (ICT) Management in Smart Cities based on Edge to Cloud Orchestration. , 2020, , .		3
28	Business Process Modeling of a Quality System in a Petroleum Industry Company. Management for Professionals, 2018, , 557-575.	0.5	2
29	Magno App: Exploring Visual Processing in Adults with High and Low Reading Competence. Scandinavian Journal of Educational Research, 2021, 65, 437-447.	1.7	0