Christian Janiesch

List of Publications by Year
in descending order

23 papers	1,415 citations	687363 13 h-index	580821 25 g-index
27 all docs	27 docs citations	27 times ranked	515 citing authors

#	ARTICLE	IF	CITATIONS
1	Machine learning and deep learning. Electronic Markets, 2021, 31, 685-695.	8.1	764
2	Strategy archetypes for digital transformation: Defining meta objectives using business process management. Information and Management, 2020, 57, 103262.	6.5	134
3	The Internet of Things Meets Business Process Management: A Manifesto. IEEE Systems, Man, and Cybernetics Magazine, 2020, 6, 34-44.	1.4	79
4	Elastic Business Process Management: State of the art and open challenges for BPM in the cloud. Future Generation Computer Systems, 2015, 46, 36-50.	7.5	77
5	Beyond process monitoring: a proof‐of‐concept of event‐driven business activity management. Business Process Management Journal, 2012, 18, 625-643.	4.2	50
6	Information systems for smart services. Information Systems and E-Business Management, 2017, 15, 781-787.	3.7	49
7	Stop ordering machine learning algorithms by their explainability! A user-centered investigation of performance and explainability. International Journal of Information Management, 2023, 69, 102538.	17.5	31
8	A Consolidated Framework for Implementing Robotic Process Automation Projects. Lecture Notes in Computer Science, 2020, , 471-488.	1.3	27
9	Process data properties matter: Introducing gated convolutional neural networks (GCNN) and key-value-predict attention networks (KVP) for next event prediction with deep learning. Decision Support Systems, 2021, 143, 113494.	5.9	25
10	A taxonomy and archetypes of smart services for smart living. Electronic Markets, 2020, 30, 131-149.	8.1	24
11	A survey of image labelling for computer vision applications. Journal of Business Analytics, 2021, 4, 91-110.	2.7	24
12	Big data analytics in sustainability reports: an analysis based on the perceived credibility of corporate published information. Business Research, 2019, 12, 143-173.	4.0	23
13	Specifying autonomy in the Internet of Things: the autonomy model and notation. Information Systems and E-Business Management, 2019, 17, 159-194.	3.7	17
14	A framework for implementing robotic process automation projects. Information Systems and E-Business Management, 2023, 21, 1-35.	3.7	16
15	Intelligent User Assistance for Automated Data Mining Method Selection. Business and Information Systems Engineering, 2020, 62, 227-247.	6.1	13
16	From Symbolic RPA to Intelligent RPA: Challenges for Developing and Operating Intelligent Software Robots. Lecture Notes in Computer Science, 2021, , 289-305.	1.3	13
17	A Framework of Cost Drivers for Robotic Process Automation Projects. Lecture Notes in Business Information Processing, 2021, , 7-22.	1.0	8
18	Stop Ordering Machine Learning Algorithms by Their Explainability! An Empirical Investigation of the Tradeoff Between Performance and Explainability. Lecture Notes in Computer Science, 2021, , 245-258.	1.3	7

#	Article	IF	Citations
19	A social evaluation of the perceived goodness of explainability in machine learning. Journal of Business Analytics, 2022, 5, 29-50.	2.7	7
20	On the composition of the long tail of business processes: Implications from a process mining study. Information Systems, 2021, 97, 101689.	3.6	6
21	Two-Sided Digital Markets: Disruptive Chance Meets Chicken or Egg Causality Dilemma. , 2019, , .		5
22	Business analytics and big data research in information systems. Journal of Business Analytics, 2022, 5, 1-7.	2.7	5
23	BAMN: a modeling method for business activity monitoring systems. Journal of Decision Systems, 2019, 28, 185-223.	3.2	4