

# Lai Xu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7211466/publications.pdf>

Version: 2024-02-01

50  
papers

398  
citations

1040056

9  
h-index

940533

16  
g-index

52  
all docs

52  
docs citations

52  
times ranked

187  
citing authors

#	ARTICLE	IF	CITATIONS
1	Concepts of product software. European Journal of Information Systems, 2007, 16, 531-541.	9.2	75
2	Building enterprise mashups. Future Generation Computer Systems, 2011, 27, 637-642.	7.5	38
3	Pro-active Monitoring of Electronic Contracts. Notes on Numerical Fluid Mechanics and Multidisciplinary Design, 2003, , 584-600.	0.3	35
4	A multi-party contract model. , 2004, 5, 13-23.		19
5	Predictive Maintenance in Industry 4.0. , 2020, , .		17
6	A Predictive Maintenance Model for Flexible Manufacturing in the Context of Industry 4.0. Frontiers in Big Data, 2021, 4, 663466.	2.9	15
7	Process-Oriented Enterprise Mashups. , 2009, , .		14
8	Agent Societies: Towards Frameworks-Based Design. Lecture Notes in Computer Science, 2002, , 33-49.	1.3	14
9	A reference architecture for big data systems. , 2016, , .		12
10	Simplifying Big Data Analytics Systems with a Reference Architecture. IFIP Advances in Information and Communication Technology, 2017, , 242-249.	0.7	12
11	Lightweight Business Process Modelling. , 2010, , .		10
12	Detection tests for identifying violators of multi-party contracts. , 2005, 5, 19-28.		10
13	When Social Software Meets Business Process Management. , 2009, , .		9
14	Advanced quality prediction model for software architectural knowledge sharing. Journal of Systems and Software, 2011, 84, 786-802.	4.5	9
15	Lightweight Process Modeling for Virtual Enterprise Process Collaboration. International Federation for Information Processing, 2010, , 501-508.	0.4	9
16	Towards Predictive Maintenance for Flexible Manufacturing Using FIWARE. Lecture Notes in Business Information Processing, 2020, , 17-28.	1.0	9
17	Process modelling in process-oriented enterprise mashups. , 2010, , .		8
18	Situational Enterprise Services. , 0, , 892-901.		8

#	ARTICLE	IF	CITATIONS
19	The Need for Compliance Verification in Collaborative Business Processes. IFIP Advances in Information and Communication Technology, 2018, , 217-229.	0.7	7
20	Detecting Violators of Multi-party Contracts. Lecture Notes in Computer Science, 2004, , 526-543.	1.3	7
21	Interoperative end-user process modelling for process collaborative manufacturing. International Journal of Computer Integrated Manufacturing, 2013, 26, 990-1002.	4.6	6
22	A Cloud Based Data Integration Framework. International Federation for Information Processing, 2012, , 177-185.	0.4	6
23	Resilience analysis of service-oriented collaboration process management systems. Service Oriented Computing and Applications, 2018, 12, 25-39.	1.6	5
24	Digital Twins Approach for Sustainable Industry. Lecture Notes in Business Information Processing, 2022, , 126-134.	1.0	5
25	Supporting collaborative business processes: a BPaaS approach. International Journal of Simulation and Process Modelling, 2018, 13, 57.	0.2	4
26	CoBTx-Net: A model for business collaboration reliability verification. Information Systems Frontiers, 2009, 11, 257-272.	6.4	3
27	Incident Notification Process as a Service for Electricity Supply Systems. , 2013, , .		3
28	A Comparative Assessment of Collaborative Business Process Verification Approaches. IFIP Advances in Information and Communication Technology, 2017, , 355-367.	0.7	3
29	Interoperability of the future factory: an overview of concepts and research challenges. International Journal of Mechatronics and Manufacturing Systems, 2020, 13, 3.	0.1	3
30	Fundamentals of Virtual Organization E-contracting. , 2007, , 209-216.		3
31	Applying Predictive Maintenance in Flexible Manufacturing. IFIP Advances in Information and Communication Technology, 2020, , 203-212.	0.7	3
32	An Analysis of Resilience of a Cloud Based Incident Notification Process. IFIP Advances in Information and Communication Technology, 2015, , 110-121.	0.7	2
33	Resilience Analysis of Collaborative Process Management Systems. IFIP Advances in Information and Communication Technology, 2016, , 124-133.	0.7	2
34	A Framework for E-markets: Monitoring Contract Fulfillment. Lecture Notes in Computer Science, 2004, , 51-61.	1.3	2
35	Process Driven Access Control and Authorization Approach. Advances in Intelligent Systems and Computing, 2020, , 313-322.	0.6	2
36	Process Modeling for Internet Scale Virtual Enterprise Collaborations. International Federation for Information Processing, 2011, , 325-332.	0.4	1

#	ARTICLE	IF	CITATIONS
37	Service-oriented Collaborative Business Processes. Advances in Web Technologies and Engineering Book Series, 2012, , 116-132.	0.4	1
38	Supporting Interoperability of Virtual Factories. Lecture Notes in Computer Science, 2014, , 510-517.	1.3	1
39	Verifying for Compliance to Data Constraints in Collaborative Business Processes. IFIP Advances in Information and Communication Technology, 2019, , 259-270.	0.7	1
40	Compliance Checking of Collaborative Processes for Sustainable Collaborative Network. IFIP Advances in Information and Communication Technology, 2021, , 301-310.	0.7	1
41	Modeling Multi-party Web-Based Business Collaborations. Lecture Notes in Computer Science, 2005, , 866-875.	1.3	0
42	Outsourcing and Multi-Party Business Collaborations Modeling. Advances in Electronic Commerce Series, 2008, , 250-269.	0.3	0
43	Business Process Outsourcing Modeling. Advances in Electronic Commerce Series, 2009, , 188-206.	0.3	0
44	Context-Aware Process Modelling through Imperative and Declarative Approach. IFIP Advances in Information and Communication Technology, 2013, , 191-200.	0.7	0
45	A Consolidated DaaS Model for Situation-Informed Incident Management. IFIP Advances in Information and Communication Technology, 2013, , 375-384.	0.7	0
46	Internet Enterprise Service Design Based on Existing Architectural Knowledge. , 2016, , 818-826.		0
47	Situational Enterprise Services. , 2016, , 858-867.		0
48	Building Situational Applications for Virtual Enterprises. , 2016, , 715-724.		0
49	Service Oriented Business Process Modeling Today and Tomorrow. Advances in E-Business Research Series, 0, , 113-133.	0.4	0
50	Supporting Predictive Maintenance in Virtual Factory. IFIP Advances in Information and Communication Technology, 2021, , 151-160.	0.7	0