

Lai Xu

List of Publications by Year in descending order

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Version: 2024-02-01

59
papers

535
citations

840776

11
h-index

794594

19
g-index

61
all docs

61
docs citations

61
times ranked

474
citing authors

#	ARTICLE	IF	CITATIONS
1	Digital Twins Approach for Sustainable Industry. Lecture Notes in Business Information Processing, 2022, , 126-134.	1.0	5
2	A Federated Simulation Framework for Cross-organisational Processes. IFIP Advances in Information and Communication Technology, 2021, , 267-279.	0.7	1
3	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
4	Study on interoperation and its implementation of MES to support virtual factory. Journal of Physics: Conference Series, 2020, 1633, 012152.	0.4	0
5	NGS Evaluation of Colorectal Cancer Reveals Interferon Gamma Dependent Expression of Immune Checkpoint Genes and Identification of Novel IFN γ Induced Genes. Frontiers in Immunology, 2020, 11, 224.	4.8	16
6	Predictive Maintenance in Industry 4.0. , 2020, , .		17
7	Towards Predictive Maintenance for Flexible Manufacturing Using FIWARE. Lecture Notes in Business Information Processing, 2020, , 17-28.	1.0	9
8	Selecting SaaS CRM Solution for SMEs. , 2020, , .		3
9	Towards quality analysis of MES through CMM data interoperation. Journal of Physics: Conference Series, 2020, 1693, 012049.	0.4	1
10	Process Driven Access Control and Authorization Approach. Advances in Intelligent Systems and Computing, 2020, , 313-322.	0.6	2
11	Applying Predictive Maintenance in Flexible Manufacturing. IFIP Advances in Information and Communication Technology, 2020, , 203-212.	0.7	3
12	Integration Framework of MES Toward Data Security Interoperation. Lecture Notes in Business Information Processing, 2020, , 41-52.	1.0	0
13	Novel reference genes in colorectal cancer identify a distinct subset of high stage tumors and their associated histologically normal colonic tissues. BMC Medical Genetics, 2019, 20, 138.	2.1	16
14	A New Method for Manufacturing Process Autonomous Planning in Intelligent Manufacturing System. Lecture Notes in Business Information Processing, 2019, , 51-63.	1.0	1
15	Verifying for Compliance to Data Constraints in Collaborative Business Processes. IFIP Advances in Information and Communication Technology, 2019, , 259-270.	0.7	1
16	Robust Sub-nanomolar Library Preparation for High Throughput Next Generation Sequencing. BMC Genomics, 2018, 19, 326.	2.8	16
17	Resilience analysis of service-oriented collaboration process management systems. Service Oriented Computing and Applications, 2018, 12, 25-39.	1.6	5
18	Supporting collaborative business processes: a BPaaS approach. International Journal of Simulation and Process Modelling, 2018, 13, 57.	0.2	4

#	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	A Comparative Assessment of Collaborative Business Process Verification Approaches. IFIP Advances in Information and Communication Technology, 2017, , 355-367.	0.7	3
21	Simplifying Big Data Analytics Systems with a Reference Architecture. IFIP Advances in Information and Communication Technology, 2017, , 242-249.	0.7	12
22	Transcriptome analysis of human colorectal cancer biopsies reveals extensive expression correlations among genes related to cell proliferation, lipid metabolism, immune response and collagen catabolism. Oncotarget, 2017, 8, 74703-74719.	1.8	26
23	A reference architecture for big data systems. , 2016, , .		12
24	Service identification requirements for enterprise information systems. , 2016, , .		0
25	Distinct Profiles for Mitochondrial t-RNAs and Small Nucleolar RNAs in Locally Invasive and Metastatic Colorectal Cancer. Clinical Cancer Research, 2016, 22, 773-784.	7.0	28
26	Resilience Analysis of Collaborative Process Management Systems. IFIP Advances in Information and Communication Technology, 2016, , 124-133.	0.7	2
27	Cloud Enabled Big Data Business Platform for Logistics Services: A Research and Development Agenda. Lecture Notes in Business Information Processing, 2015, , 22-33.	1.0	14
28	An Analysis of Resilience of a Cloud Based Incident Notification Process. IFIP Advances in Information and Communication Technology, 2015, , 110-121.	0.7	2
29	Interoperative end-user process modelling for process collaborative manufacturing. International Journal of Computer Integrated Manufacturing, 2013, 26, 990-1002.	4.6	6
30	A Novel Function of RNAs Arising From the Long Terminal Repeat of Human Endogenous Retrovirus 9 in Cell Cycle Arrest. Journal of Virology, 2013, 87, 25-36.	3.4	22
31	Texture-Aware Fast Global Level Set Evolution. Lecture Notes in Computer Science, 2013, , 529-537.	1.3	2
32	Context-Aware Process Modelling through Imperative and Declarative Approach. IFIP Advances in Information and Communication Technology, 2013, , 191-200.	0.7	0
33	A Consolidated DaaS Model for Situation-Informed Incident Management. IFIP Advances in Information and Communication Technology, 2013, , 375-384.	0.7	0
34	Supporting Collaborative Work by Preserving Model Meaning When Merging Graphical Models. International Federation for Information Processing, 2012, , 262-269.	0.4	2
35	A Cloud Based Data Integration Framework. International Federation for Information Processing, 2012, , 177-185.	0.4	6
36	Building enterprise mashups. Future Generation Computer Systems, 2011, 27, 637-642.	7.5	38

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37	Advanced quality prediction model for software architectural knowledge sharing. Journal of Systems and Software, 2011, 84, 786-802.	4.5	9
38	Peer-Based Relay Scheme of Collaborative Filtering for Research Literature. Lecture Notes in Computer Science, 2011, , 321-328.	1.3	1
39	Process Modeling for Internet Scale Virtual Enterprise Collaborations. International Federation for Information Processing, 2011, , 325-332.	0.4	1
40	Process Semantic-Enabled Customisation for Active Service Provisioning. , 2010, , .		2
41	From collective knowledge to intelligence. , 2010, , .		13
42	A requirements framework for novice web developers. , 2010, , .		1
43	Lightweight Business Process Modelling. , 2010, , .		10
44	Process modelling in process-oriented enterprise mashups. , 2010, , .		8
45	Lightweight Process Modeling for Virtual Enterprise Process Collaboration. International Federation for Information Processing, 2010, , 501-508.	0.4	9
46	When Social Software Meets Business Process Management. , 2009, , .		9
47	CoBTx-Net: A model for business collaboration reliability verification. Information Systems Frontiers, 2009, 11, 257-272.	6.4	3
48	Process-Oriented Enterprise Mashups. , 2009, , .		14
49	Concepts of product software. European Journal of Information Systems, 2007, 16, 531-541.	9.2	75
50	Fundamentals of Virtual Organization E-contracting. , 2007, , 209-216.		3
51	Detection tests for identifying violators of multi-party contracts. , 2005, 5, 19-28.		10
52	Modeling Multi-party Web-Based Business Collaborations. Lecture Notes in Computer Science, 2005, , 866-875.	1.3	0
53	A multi-party contract model. , 2004, 5, 13-23.		19
54	Detecting Violators of Multi-party Contracts. Lecture Notes in Computer Science, 2004, , 526-543.	1.3	7

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55	A Framework for E-markets: Monitoring Contract Fulfillment. Lecture Notes in Computer Science, 2004, , 51-61.	1.3	2
56	Pro-active Monitoring of Electronic Contracts. Notes on Numerical Fluid Mechanics and Multidisciplinary Design, 2003, , 584-600.	0.3	35
57	Monitorable electronic contract. , 0, , .		7
58	Service Oriented Business Process Modeling Today and Tomorrow. Advances in E-Business Research Series, 0, , 113-133.	0.4	0
59	Situational Enterprise Services. , 0, , 892-901.		8