

Li Da Xu

List of Publications by Year in descending order

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Version: 2024-02-01

86
papers

19,453
citations

43973

48
h-index

56606

83
g-index

87
all docs

87
docs citations

87
times ranked

14758
citing authors

#	ARTICLE	IF	CITATIONS
1	A distributed dynamic authorisation method for Internet+ medical & healthcare data access based on consortium blockchain. Enterprise Information Systems, 2022, 16, .	3.3	18
2	A novel service level agreement model using blockchain and smart contract for cloud manufacturing in industry 4.0. Enterprise Information Systems, 2022, 16, .	3.3	33
3	A Review of Internet of Thingsâ€™Resource Allocation. IEEE Internet of Things Journal, 2021, 8, 8657-8666.	5.5	69
4	The Future of Information Systems in a Post-COVID World by TC8 (Information Systems). IFIP Advances in Information and Communication Technology, 2021, , 333-360.	0.5	0
5	Embedding Blockchain Technology Into IoT for Security: A Survey. IEEE Internet of Things Journal, 2021, 8, 10452-10473.	5.5	157
6	Data Analytics in Industry 4.0: A Survey. Information Systems Frontiers, 2021, , 1-17.	4.1	27
7	Image Source Identification Using Convolutional Neural Networks in IoT Environment. Wireless Communications and Mobile Computing, 2021, 2021, 1-12.	0.8	3
8	Blockchain-based business process management (BPM) framework for service composition in industry 4.0. Journal of Intelligent Manufacturing, 2020, 31, 1737-1748.	4.4	145
9	A cooperative effect-based decision support model for team formation. Enterprise Information Systems, 2020, 14, 110-132.	3.3	7
10	Measuring user similarity using check-ins from LBSN: a mobile recommendation approach for e-commerce and security services. Enterprise Information Systems, 2020, 14, 368-387.	3.3	8
11	Industry 4.0â€™Frontiers of fourth industrial revolution. Systems Research and Behavioral Science, 2020, 37, 531-534.	0.9	37
12	The contribution of systems science to Industry 4.0. Systems Research and Behavioral Science, 2020, 37, 618-631.	0.9	73
13	Editorial: Industrial Innovation in the Intervention and Prevention of COVID-19. Journal of Industrial Integration and Management, 2020, 05, 409-412.	3.1	9
14	Blockchain Technology for Applications in Internet of Thingsâ€™Mapping From System Design Perspective. IEEE Internet of Things Journal, 2019, 6, 8155-8168.	5.5	112
15	Blockchain and Internet of Things for Modern Business Process in Digital Economyâ€™the State of the Art. IEEE Transactions on Computational Social Systems, 2019, 6, 1420-1432.	3.2	116
16	Enterprise Architecture, Enterprise Information Systems and Enterprise Integration: A Review Based on Systems Theory Perspective. Journal of Industrial Integration and Management, 2019, 04, 1950001.	3.1	19
17	Managing QoS of Internet-of-Things Services Using Blockchain. IEEE Transactions on Computational Social Systems, 2019, 6, 1357-1368.	3.2	55
18	Internet of Things (IoT) Cybersecurity Research: A Review of Current Research Topics. IEEE Internet of Things Journal, 2019, 6, 2103-2115.	5.5	309

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19	Big data for cyber physical systems in industry 4.0: a survey. Enterprise Information Systems, 2019, 13, 148-169.	3.3	373
20	5G Internet of Things: A survey. Journal of Industrial Information Integration, 2018, 10, 1-9.	4.3	833
21	Industry 4.0: state of the art and future trends. International Journal of Production Research, 2018, 56, 2941-2962.	4.9	1,892
22	Extension of specification language for soundness and completeness of service workflow. Enterprise Information Systems, 2018, 12, 638-657.	3.3	19
23	Automatically Tracing Dependability Requirements via Term-Based Relevance Feedback. IEEE Transactions on Industrial Informatics, 2018, 14, 342-349.	7.2	31
24	A method of demand-driven and data-centric Web service configuration for flexible business process implementation. Enterprise Information Systems, 2017, 11, 988-1004.	3.3	6
25	Ethnographic field work in requirements engineering. Enterprise Information Systems, 2017, 11, 137-159.	3.3	4
26	An industrial information integration approach to in-orbit spacecraft. Enterprise Information Systems, 2017, 11, 86-104.	3.3	8
27	IoT-based system for communication and coordination of football robot team. Internet Research, 2017, 27, 162-181.	2.7	33
28	Enterprise Architecture: A Literature Review. Journal of Industrial Integration and Management, 2017, 02, 1750009.	3.1	24
29	Security in Enabling Technologies. , 2017, , 109-118.		5
30	Introduction: Advances in e-business engineering and management. Information Technology and Management, 2016, 17, 199-201.	1.4	4
31	Enterprise Application Integration in Industrial Integration: A Literature Review. Journal of Industrial Integration and Management, 2016, 01, 1650014.	3.1	40
32	A visualization platform for internet of things in manufacturing applications. Internet Research, 2016, 26, 377-401.	2.7	42
33	The development and application of e-Geoscience in China. Information Systems Frontiers, 2016, 18, 1217-1231.	4.1	6
34	An emerging technology “wearable wireless sensor networks with applications in human health condition monitoring. Journal of Management Analytics, 2015, 2, 121-137.	1.6	68
35	The internet of things: a survey. Information Systems Frontiers, 2015, 17, 243-259.	4.1	1,510
36	The Internet of Things”A survey of topics and trends. Information Systems Frontiers, 2015, 17, 261-274.	4.1	1,109

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37	Guest Editorial Advances of Systems Research in Service Industry. IEEE Systems Journal, 2014, 8, 791-794.	2.9	3
38	Integration of Distributed Enterprise Applications: A Survey. IEEE Transactions on Industrial Informatics, 2014, 10, 35-42.	7.2	233
39	Data Cleaning for RFID and WSN Integration. IEEE Transactions on Industrial Informatics, 2014, 10, 408-418.	7.2	167
40	Superframe Planning and Access Latency of Slotted MAC for Industrial WSN in IoT Environment. IEEE Transactions on Industrial Informatics, 2014, 10, 1242-1251.	7.2	48
41	Internet of Things in Industries: A Survey. IEEE Transactions on Industrial Informatics, 2014, 10, 2233-2243.	7.2	3,788
42	Internet of Things and BOM-Based Life Cycle Assessment of Energy-Saving and Emission-Reduction of Products. IEEE Transactions on Industrial Informatics, 2014, 10, 1252-1261.	7.2	136
43	A Distributed Consensus Algorithm for Decision Making in Service-Oriented Internet of Things. IEEE Transactions on Industrial Informatics, 2014, 10, 1461-1468.	7.2	95
44	CCIoT-CMfg: Cloud Computing and Internet of Things-Based Cloud Manufacturing Service System. IEEE Transactions on Industrial Informatics, 2014, 10, 1435-1442.	7.2	579
45	Internet of Things for Enterprise Systems of Modern Manufacturing. IEEE Transactions on Industrial Informatics, 2014, 10, 1537-1546.	7.2	529
46	IoT and Cloud Computing in Automation of Assembly Modeling Systems. IEEE Transactions on Industrial Informatics, 2014, 10, 1426-1434.	7.2	207
47	A Reconfigurable Smart Sensor Interface for Industrial WSN in IoT Environment. IEEE Transactions on Industrial Informatics, 2014, 10, 1417-1425.	7.2	263
48	Cloud Service Negotiation in Internet of Things Environment: A Mixed Approach. IEEE Transactions on Industrial Informatics, 2014, 10, 1506-1515.	7.2	100
49	A New Approach for Compliance Checking in Service Workflows. IEEE Transactions on Industrial Informatics, 2014, 10, 1452-1460.	7.2	41
50	Ubiquitous Data Accessing Method in IoT-Based Information System for Emergency Medical Services. IEEE Transactions on Industrial Informatics, 2014, 10, 1578-1586.	7.2	491
51	Developing Vehicular Data Cloud Services in the IoT Environment. IEEE Transactions on Industrial Informatics, 2014, 10, 1587-1595.	7.2	453
52	IoT-Based Configurable Information Service Platform for Product Lifecycle Management. IEEE Transactions on Industrial Informatics, 2014, 10, 1558-1567.	7.2	149
53	An Interactive Trust Model for Application Market of the Internet of Things. IEEE Transactions on Industrial Informatics, 2014, 10, 1516-1526.	7.2	64
54	A Novel Architecture for Requirement-Oriented Participation Decision in Service Workflows. IEEE Transactions on Industrial Informatics, 2014, 10, 1478-1485.	7.2	60

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55	CLOUDQUAL: A Quality Model for Cloud Services. IEEE Transactions on Industrial Informatics, 2014, 10, 1527-1536.	7.2	93
56	An Integrated System for Regional Environmental Monitoring and Management Based on Internet of Things. IEEE Transactions on Industrial Informatics, 2014, 10, 1596-1605.	7.2	413
57	Compliance Checking for Requirement-Oriented Service Workflow Interoperations. IEEE Transactions on Industrial Informatics, 2014, 10, 1469-1477.	7.2	57
58	IoT-Based Intelligent Perception and Access of Manufacturing Resource Toward Cloud Manufacturing. IEEE Transactions on Industrial Informatics, 2014, 10, 1547-1557.	7.2	517
59	An IoT-Oriented Data Storage Framework in Cloud Computing Platform. IEEE Transactions on Industrial Informatics, 2014, 10, 1443-1451.	7.2	287
60	User Interoperability With Heterogeneous IoT Devices Through Transformation. IEEE Transactions on Industrial Informatics, 2014, 10, 1486-1496.	7.2	117
61	IoT-Based Smart Rehabilitation System. IEEE Transactions on Industrial Informatics, 2014, 10, 1568-1577.	7.2	339
62	Analysis of Architecturally Significant Requirements for Enterprise Systems. IEEE Systems Journal, 2014, 8, 850-857.	2.9	40
63	A Health-IoT Platform Based on the Integration of Intelligent Packaging, Unobtrusive Bio-Sensor, and Intelligent Medicine Box. IEEE Transactions on Industrial Informatics, 2014, 10, 2180-2191.	7.2	548
64	Advances in e-business engineering management. Information Technology and Management, 2014, 15, 65.	1.4	8
65	Enterprise Information Systems Architecture—Analysis and Evaluation. IEEE Transactions on Industrial Informatics, 2013, 9, 2147-2154.	7.2	93
66	A Novel Human—Machine Collaborative Interface for Aero-Engine Pipe Routing. IEEE Transactions on Industrial Informatics, 2013, 9, 2187-2199.	7.2	31
67	A Continuous Biomedical Signal Acquisition System Based on Compressed Sensing in Body Sensor Networks. IEEE Transactions on Industrial Informatics, 2013, 9, 1764-1771.	7.2	76
68	Compressed Sensing Signal and Data Acquisition in Wireless Sensor Networks and Internet of Things. IEEE Transactions on Industrial Informatics, 2013, 9, 2177-2186.	7.2	449
69	Introduction: Systems Science in Industrial Sectors. Systems Research and Behavioral Science, 2013, 30, 211-213.	0.9	69
70	Introduction: advances in E-business engineering. Information Technology and Management, 2012, 13, 201-204.	1.4	22
71	Random assignment method based on genetic algorithms and its application in resource allocation. Expert Systems With Applications, 2012, 39, 12213-12219.	4.4	28
72	SWSpec: The Requirements Specification Language in Service Workflow Environments. IEEE Transactions on Industrial Informatics, 2012, 8, 631-638.	7.2	103

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73	Using Propositional Logic for Requirements Verification of Service Workflow. IEEE Transactions on Industrial Informatics, 2012, 8, 639-646.	7.2	105
74	Improving Multilingual Semantic Interoperation in Cross-Organizational Enterprise Systems Through Concept Disambiguation. IEEE Transactions on Industrial Informatics, 2012, 8, 647-658.	7.2	91
75	Imaginal Thinking-Based Human-Machine Design Methodology for the Configuration of Reconfigurable Machine Tools. IEEE Transactions on Industrial Informatics, 2012, 8, 659-668.	7.2	56
76	AutoAssem: An Automated Assembly Planning System for Complex Products. IEEE Transactions on Industrial Informatics, 2012, 8, 669-678.	7.2	185
77	Study on solution models and methods for the fuzzy assignment problems. Expert Systems With Applications, 2012, 39, 11276-11283.	4.4	16
78	Information architecture for supply chain quality management. International Journal of Production Research, 2011, 49, 183-198.	4.9	276
79	Enterprise Systems: State-of-the-Art and Future Trends. IEEE Transactions on Industrial Informatics, 2011, 7, 630-640.	7.2	579
80	Knowledge management in OSS-an enterprise information system for the telecommunications industry. Systems Research and Behavioral Science, 2006, 23, 177-190.	0.9	42
81	A programmable agent for knowledge discovery on the Web. Expert Systems, 2003, 20, 79-85.	2.9	23
82	An intelligent agent with layered architecture for operating systems resource management. Expert Systems, 2003, 20, 171-178.	2.9	26
83	An agent-based geographical information system. Knowledge-Based Systems, 2001, 14, 233-242.	4.0	37
84	Improving the accuracy of nonlinear combined forecasting using neural networks. Expert Systems With Applications, 1999, 16, 49-54.	4.4	50
85	Multilingual Interoperation in Cross-Country Industry 4.0 System for One Belt and One Road. Information Systems Frontiers, 0, , 1.	4.1	1
86	Emerging Enabling Technologies for Industry 4.0 and Beyond. Information Systems Frontiers, 0, , 1.	4.1	64