

Sylvain Kubler

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

1,364
citations

471061

17
h-index

395343

33
g-index

64
all docs

64
docs citations

64
times ranked

1306
citing authors

#	ARTICLE	IF	CITATIONS
1	A state-of-the-art survey & testbed of fuzzy AHP (FAHP) applications. Expert Systems With Applications, 2016, 65, 398-422.	4.4	325
2	Opportunities for enhanced lean construction management using Internet of Things standards. Automation in Construction, 2016, 61, 86-97.	4.8	180
3	Comparison of metadata quality in open data portals using the Analytic Hierarchy Process. Government Information Quarterly, 2018, 35, 13-29.	4.0	74
4	Universal Messaging Standards for the IoT From a Lifecycle Management Perspective. IEEE Internet of Things Journal, 2014, 1, 319-327.	5.5	63
5	A Replicable Comparison Study of NER Software: StanfordNLP, NLTK, OpenNLP, SpaCy, Gate. , 2019, , .		59
6	Open IoT Ecosystem for Sporting Event Management. IEEE Access, 2017, 5, 7064-7079.	2.6	50
7	Innovative blockchain-based farming marketplace and smart contract performance evaluation. Journal of Cleaner Production, 2021, 306, 127055.	4.6	49
8	Open IoT Ecosystem for Enhanced Interoperability in Smart Cities – Example of MÃ©tropole De Lyon. Sensors, 2017, 17, 2849.	2.1	41
9	Artificial intelligence-enabled context-aware air quality prediction for smart cities. Journal of Cleaner Production, 2020, 271, 121941.	4.6	38
10	A standardized approach to deal with firewall and mobility policies in the IoT. Pervasive and Mobile Computing, 2015, 20, 100-114.	2.1	36
11	Measuring inconsistency and deriving priorities from fuzzy pairwise comparison matrices using the knowledge-based consistency index. Knowledge-Based Systems, 2018, 162, 147-160.	4.0	29
12	Enhanced Lightning Network (off-chain)-based micropayment in IoT ecosystems. Future Generation Computer Systems, 2020, 112, 283-296.	4.9	29
13	Group fuzzy AHP approach to embed relevant data on ‘‘communicating material’’. Computers in Industry, 2014, 65, 675-692.	5.7	24
14	P2P Data synchronization for product lifecycle management. Computers in Industry, 2015, 66, 82-98.	5.7	23
15	Enhanced Product Lifecycle Information Management using ‘‘communicating materials’’. CAD Computer Aided Design, 2015, 59, 192-200.	1.4	23
16	IoT-based Smart Parking System for Sporting Event Management. , 2016, , .		21
17	Open Data Portal Quality Comparison using AHP. , 2016, , .		20
18	Data quality assessment of maintenance reporting procedures. Expert Systems With Applications, 2016, 63, 145-164.	4.4	19

#	ARTICLE	IF	CITATIONS
19	bloTope: Building an IoT Open Innovation Ecosystem for Smart Cities. IEEE Access, 2020, 8, 224318-224342.	2.6	19
20	Embedding data on "communicating materials" from context-sensitive information analysis. Journal of Intelligent Manufacturing, 2014, 25, 1053-1064.	4.4	17
21	Linked Vocabulary Recommendation Tools for Internet of Things. ACM Computing Surveys, 2019, 51, 1-31.	16.1	15
22	O-MI/O-DF standards as interoperability enablers for Industrial Internet: A performance analysis. , 2016, , .		13
23	Opportunity to Leverage Information-as-an-Asset in the IoT -- The Road Ahead. , 2015, , .		12
24	Towards semantic interoperability in an open IoT ecosystem for connected vehicle services. , 2017, , .		12
25	Technological Theory of Cloud Manufacturing. Studies in Computational Intelligence, 2016, , 267-276.	0.7	11
26	Benefit-cost model for comparing data center performance from a biomimicry perspective. Journal of Cleaner Production, 2019, 231, 817-834.	4.6	11
27	Standardized Framework for Integrating Domain-Specific Applications into the IoT. , 2014, , .		10
28	PROFICIENT. , 2017, , .		10
29	Data supply chain in Industrial Internet. , 2015, , .		9
30	Profiling household appliance electricity usage with N-gram language modeling. , 2016, , .		9
31	Micro-billing Framework for IoT: Research & Technological Foundations. , 2016, , .		9
32	BlockPerf: A Hybrid Blockchain Emulator/Simulator Framework. IEEE Access, 2021, 9, 107858-107872.	2.6	9
33	QLM Messaging Standards: Introduction and Comparison with Existing Messaging Protocols. Studies in Computational Intelligence, 2014, , 237-256.	0.7	9
34	Enriching a Situation Awareness Framework for IoT with Knowledge Base and Reasoning Components. Lecture Notes in Computer Science, 2017, , 41-54.	1.0	9
35	Method for embedding context-sensitive information on "communicating textiles" via fuzzy AHP. Journal of Intelligent and Fuzzy Systems, 2014, 26, 597-610.	0.8	7
36	CAVisAP: Context-Aware Visualization of Outdoor Air Pollution with IoT Platforms. , 2019, , .		7

#	ARTICLE	IF	CITATIONS
37	Lifecycle Management in the Smart City Context: Smart Parking Use-Case. IFIP Advances in Information and Communication Technology, 2016, , 631-641.	0.5	7
38	MyAQI. , 2019, , .		4
39	Information dissemination process for context-aware products. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 667-672.	0.4	3
40	A fuzzy analytic hierarchy process for group decision making: Application for embedding information on communicating materials. , 2012, , .		3
41	Dual path communications over multiple spanning trees for networked control systems. Engineering Applications of Artificial Intelligence, 2012, 25, 1460-1470.	4.3	3
42	Methods of aggregation of expert opinions in the framework of intelligent products. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 163-168.	0.4	3
43	Product Specification in a Service-Oriented Holonic Manufacturing System using Petri-Nets. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 342-347.	0.4	3
44	Knowledge-based consistency index for fuzzy pairwise comparison matrices. , 2017, , .		3
45	Popularity-Driven Ontology Ranking Using Qualitative Features. Lecture Notes in Computer Science, 2019, , 329-346.	1.0	3
46	Building Lifecycle Management System for Enhanced Closed Loop Collaboration. IFIP Advances in Information and Communication Technology, 2016, , 423-432.	0.5	3
47	LOVBench: Ontology Ranking Benchmark. , 2020, , .		3
48	Embedding Information on Communicating Materials from Context-Sensitive Information Analysis Based on Fuzzy AHP Theory. , 2012, , .		2
49	Information dissemination framework for context-aware products. Computers and Industrial Engineering, 2013, 66, 485-500.	3.4	2
50	Combined use of lifecycle management and IoT in smart cities. , 2017, , .		2
51	O-MI/O-DF vs. MQTT: A performance analysis. , 2018, , .		2
52	Key Factors for Information Dissemination on Communicating Products and Fixed Databases. Studies in Computational Intelligence, 2012, , 89-102.	0.7	2
53	Application of Measurement-Based AHP to Product-Driven System Control. Studies in Computational Intelligence, 2017, , 249-258.	0.7	2
54	Towards data exchange interoperability in building lifecycle management. , 2014, , .		1

#	ARTICLE	IF	CITATIONS
55	Peer-to-Peer Data Synchronization Agents. , 2014, , .		1
56	Deferred Retrieval of IoT Information Using QLM Messaging Interface. Communications in Computer and Information Science, 2013, , 57-65.	0.4	1
57	Data Quality Assessment of Companyâ€™s Maintenance Reporting: A Case Study. , 2015, , .		1
58	Reasoning over Knowledge-Based Generation of Situations in Context Spaces to Reduce Food Waste. Lecture Notes in Computer Science, 2016, , 101-114.	1.0	1
59	Dependability of switched network architectures for Networked Control Systems. , 2011, , .		0
60	Quality-by-Design-engineered pBFT Consensus Configuration for Medical Device Development. , 2020, 2020, 5709-5713.		0
61	Two-Way Communications Through Firewalls Using QLM Messaging. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2014, , 743-747.	0.2	0