

# Ivana Podnar Zarko

## List of Publications by Year in descending order

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49  
papers

1,068  
citations

840776

11  
h-index

839539

18  
g-index

49  
all docs

49  
docs citations

49  
times ranked

1198  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bloom Filter Approach for Autonomous Data Acquisition in the Edge-Based MCS Scenario. <i>Sensors</i> , 2022, 22, 879.	3.8	1
2	Aurora-Trinity: A Super-Light Client for Distributed Ledger Networks Extending the Ethereum Trinity Client. <i>Sensors</i> , 2022, 22, 1835.	3.8	1
3	Analysis of Open Access Data Sources for Application in Precision Agriculture. , 2021, , .		1
4	Towards Service Orchestration for the Cloud-to-Thing Continuum. , 2021, , .		6
5	Decentralized IoT Platform for Flexibility Service Providers in Power Systems. , 2021, , .		2
6	Demystifying Distributed Ledger Technologies: Limits, Challenges, and Potentials in the Energy Sector. <i>IEEE Access</i> , 2020, 8, 126149-126163.	4.2	26
7	Evaluation of selected technologies for the implementation of meter data management system. , 2020, , .		2
8	Technical Analysis of an Initial Coin Offering. , 2019, , .		12
9	The symbloTe Solution for Semantic and Syntactic Interoperability of Cloud-based IoT Platforms. , 2019, , .		9
10	DL-Tags: DLT and Smart Tags for Decentralized, Privacy-Preserving, and Verifiable Supply Chain Management. <i>IEEE Access</i> , 2019, 7, 46198-46209.	4.2	50
11	A Regulatory View on Smart City Services. <i>Sensors</i> , 2019, 19, 415.	3.8	42
12	Aurora: A Robust and Trustless Verification and Synchronization Algorithm for Distributed Ledgers. , 2019, , .		2
13	Why Interoperability Matters to Your or Any IoT Solution. , 2019, , .		0
14	Edge Computing Architecture for Mobile Crowdsensing. <i>IEEE Access</i> , 2018, 6, 10662-10674.	4.2	131
15	Autonomous Data Acquisition in the Hierarchical Edge-Based MCS Ecosystem. , 2018, , .		5
16	Collaboration Mechanisms for IoT Platform Federations Fostering Organizational Interoperability. , 2018, , .		3
17	Distributed Ledger Technology: Blockchain Compared to Directed Acyclic Graph. , 2018, , .		90
18	Interoperability and Decentralization as Key Technologies for Future Smart Urban Environments. , 2018, , .		1

#	ARTICLE	IF	CITATIONS
19	Towards an IoT framework for semantic and organizational interoperability. , 2017, , .		16
20	Modeling Aggregate Input Load of Interoperable Smart City Services. , 2017, , .		8
21	Adaptable secure communication for the Cloud of Things. Software - Practice and Experience, 2017, 47, 489-501.	3.6	3
22	Air and noise pollution monitoring in the city of Zagreb by using mobile crowdsensing. , 2017, , .		17
23	Semantic interoperability in IoT-based automation infrastructures. Automatisierungstechnik, 2016, 64, 742-749.	0.8	16
24	Bridging IoT islands: the symbloTe project. Elektrotechnik Und Informationstechnik, 2016, 133, 315-318.	1.1	5
25	A mobile crowd sensing ecosystem enabled by CUPUS: Cloud-based publish/subscribe middleware for the Internet of Things. Future Generation Computer Systems, 2016, 56, 607-622.	7.5	114
26	Energy-aware and quality-driven sensor management for green mobile crowd sensing. Journal of Network and Computer Applications, 2016, 59, 95-108.	9.1	61
27	Tuning machine learning algorithms for content-based movie recommendation. Intelligent Decision Technologies, 2015, 9, 233-242.	0.9	3
28	Time- and Space-Efficient Sliding Window Top-k Query Processing. ACM Transactions on Database Systems, 2015, 40, 1-44.	2.8	14
29	OpenIoT: Open Source Internet-of-Things in the Cloud. Lecture Notes in Computer Science, 2015, , 13-25.	1.3	180
30	A high throughput processing engine for taxi-generated data streams. , 2015, , .		3
31	Comparison of the CUPUS middleware and MQTT protocol for smart city services. , 2015, , .		16
32	The OpenIoT Approach to Sensor Mobility with Quality-Driven Data Acquisition Management. Lecture Notes in Computer Science, 2015, , 46-61.	1.3	3
33	Energy Efficient and Quality-Driven Continuous Sensor Management for Mobile IoT Applications. , 2014, , .		13
34	Urban crowd sensing demonstrator: Sense the Zagreb Air. , 2014, , .		17
35	A Mobile Crowdsensing Ecosystem Enabled by a Cloud-Based Publish/Subscribe Middleware. , 2014, , .		31
36	IoT data management methods and optimisation algorithms for mobile publish/subscribe services in cloud environments. , 2014, , .		15

#	ARTICLE	IF	CITATIONS
37	Top-k/w publish/subscribe: A publish/subscribe model for continuous top-k processing over data streams. Information Systems, 2014, 39, 256-276.	3.6	14
38	Inferring presence status on smartphones: The big data perspective. , 2013, , .		0
39	Publish/subscribe middleware for energy-efficient mobile crowdsensing. , 2013, , .		19
40	Distributed processing of continuous sliding-window k-NN queries for data stream filtering. World Wide Web, 2011, 14, 465-494.	4.0	4
41	Towards Consolidated Presence. , 2010, , .		5
42	Query-driven indexing for scalable peer-to-peer text retrieval. Future Generation Computer Systems, 2009, 25, 89-99.	7.5	16
43	Top-k/w publish/subscribe. , 2008, , .		27
44	AlvisP2P. Proceedings of the VLDB Endowment, 2008, 1, 1424-1427.	3.8	11
45	Scalable Content-Based Ranking in P2P Information Retrieval. Lecture Notes in Computer Science, 2008, , 633-640.	1.3	0
46	Web text retrieval with a P2P query-driven index. , 2007, , .		39
47	Query-driven indexing for peer-to-peer text retrieval. , 2007, , .		5
48	Query-Driven Indexing for Scalable Peer-to-Peer Text Retrieval. , 2007, , .		9
49	Workshop on large-scale distributed systems for information retrieval. ACM SIGIR Forum, 2007, 41, 83-88.	0.5	0