

Bahar Farahani

List of Publications by Year in descending order

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31
papers

1,611
citations

932766

10
h-index

1058022

14
g-index

32
all docs

32
docs citations

32
times ranked

1725
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards fog-driven IoT eHealth: Promises and challenges of IoT in medicine and healthcare. Future Generation Computer Systems, 2018, 78, 659-676.	4.9	710
2	The convergence and interplay of edge, fog, and cloud in the AI-driven Internet of Things (IoT). Information Systems, 2022, 107, 101840.	2.4	99
3	The convergence of IoT and distributed ledger technologies (DLT): Opportunities, challenges, and solutions. Journal of Network and Computer Applications, 2021, 177, 102936.	5.8	92
4	Keynote Paper: From EDA to IoT eHealth: Promises, Challenges, and Solutions. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2018, 37, 2965-2978.	1.9	84
5	Towards collaborative intelligent IoT eHealth: From device to fog, and cloud. Microprocessors and Microsystems, 2020, 72, 102938.	1.8	77
6	Harnessing the Power of Smart and Connected Health to Tackle COVID-19: IoT, AI, Robotics, and Blockchain for a Better World. IEEE Internet of Things Journal, 2021, 8, 12826-12846.	5.5	63
7	Healthcare IoT. , 2020, , 515-545.		47
8	AI-Driven Data Monetization: The Other Face of Data in IoT-Based Smart and Connected Health. IEEE Internet of Things Journal, 2022, 9, 5581-5599.	5.5	35
9	IoT Fundamentals: Definitions, Architectures, Challenges, and Promises. , 2020, , 3-50.		33
10	Cold Start in Serverless Computing: Current Trends and Mitigation Strategies. , 2020, , .		22
11	Distributed Ledger Technology. , 2020, , 393-431.		19
12	Architecting IoT Cloud. , 2020, , 173-241.		18
13	Towards Collaborative Machine Learning Driven Healthcare Internet of Things. , 2019, , .		13
14	A hierarchical privacy-preserving IoT architecture for vision-based hand rehabilitation assessment. Multimedia Tools and Applications, 2021, 80, 31357-31380.	2.6	13
15	A cross-layer SER analysis in the presence of PVTA variations. Microelectronics Reliability, 2015, 55, 1013-1027.	0.9	12
16	Human Activity Recognition: From Sensors to Applications. , 2020, , .		8
17	Task Offloading for Edge-Fog-Cloud Interplay in the Healthcare Internet of Things (IoT). , 2021, , .		7
18	A cross-layer approach to online adaptive reliability prediction of transient faults. , 2015, , .		6

#	ARTICLE	IF	CITATIONS
19	Cross-layer Enterprise Architecture Evaluation. , 2019, , .		6
20	The Evolving Enterprise Architecture. , 2019, , .		6
21	Towards Safer Roads: A Deep Learning-Based Multimodal Fatigue Monitoring System. , 2020, , .		6
22	Machine Learning for IoT. , 2020, , 243-313.		6
23	Towards IoT-enabled Multimodal Mental Stress Monitoring. , 2020, , .		5
24	Systematic and ontology-based approach to interoperable cross-domain open government data services. Transforming Government: People, Process and Policy, 2022, 16, 110-127.	1.3	5
25	Guest Editorial: Alternative Computing and Machine Learning for Internet of Things. IEEE Transactions on Very Large Scale Integration (VLSI) Systems, 2017, 25, 2685-2687.	2.1	3
26	Cross-layer custom instruction selection to address PVTA variations and soft error. Microelectronics Reliability, 2015, 55, 2423-2438.	0.9	2
27	PVTA-aware approximate custom instruction extension technique: A cross-layer approach. Microelectronics Reliability, 2016, 63, 267-277.	0.9	2
28	Towards IoT-Driven Predictive Business Process Analytics. , 2020, , .		2
29	Social Internet of Things: Interoperability and Autonomous Computing Challenges. , 2020, , .		2
30	An Ontology-based Open Data Interoperability Approach for Cross-Domain Government Data Services. , 2020, , .		2
31	The Smart "Things" in IoT. , 2020, , 51-95.		2