

Takeru Inoue

List of Publications by Year in descending order

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25
papers

1,286
citations

1040056

9
h-index

752698

20
g-index

25
all docs

25
docs citations

25
times ranked

1601
citing authors

#	ARTICLE	IF	CITATIONS
1	NP-Hardness Boundary of Virtual Network Embedding With Node Location Constraints. IEEE Networking Letters, 2021, 3, 186-190.	1.9	1
2	Guest Editorial: Special Issue on Data Analytics and Machine Learning for Network and Service Management—Part II. IEEE Transactions on Network and Service Management, 2021, 18, 775-779.	4.9	3
3	Interval-based Counterexample Analysis for Error Explanation. Journal of Information Processing, 2021, 29, 630-639.	0.4	0
4	Guest Editorial: Special Section on Embracing Artificial Intelligence for Network and Service Management. IEEE Transactions on Network and Service Management, 2021, 18, 3936-3941.	4.9	4
5	Guest Editorial: Special Section on Data Analytics and Machine Learning for Network and Service Management—Part I. IEEE Transactions on Network and Service Management, 2020, 17, 1971-1974.	4.9	4
6	Special section on fundamentals and applications of complex communications and multimedia functions. Nonlinear Theory and Its Applications IEICE, 2020, 11, 1-1.	0.6	0
7	Efficient Reliability Evaluation of Multi-Domain Networks with Secure Intra-Domain Privacy. IEICE Transactions on Communications, 2020, E103.B, 440-451.	0.7	0
8	Special section on communication sciences and multimedia information systems. Nonlinear Theory and Its Applications IEICE, 2019, 10, 1-1.	0.6	0
9	Guest Editorial: Special Issue on Novel Techniques in Big Data Analytics for Management. IEEE Transactions on Network and Service Management, 2019, 16, 797-799.	4.9	6
10	Efficient construction of binary decision diagrams for network reliability with imperfect vertices. Reliability Engineering and System Safety, 2019, 188, 142-154.	8.9	16
11	Reliability Analysis for Disjoint Paths. IEEE Transactions on Reliability, 2019, 68, 985-998.	4.6	9
12	Fast packet classification algorithm for network-wide forwarding behaviors. Computer Communications, 2018, 116, 101-117.	5.1	9
13	Optimizing Network Reliability via Best-First Search over Decision Diagrams. , 2018, , .		10
14	A Novel Non-Supervised Deep-Learning-Based Network Traffic Control Method for Software Defined Wireless Networks. IEEE Wireless Communications, 2018, 25, 74-81.	9.0	96
15	State-of-the-Art Deep Learning: Evolving Machine Intelligence Toward Tomorrow's Intelligent Network Traffic Control Systems. IEEE Communications Surveys and Tutorials, 2017, 19, 2432-2455.	39.4	611
16	Routing or Computing? The Paradigm Shift Towards Intelligent Computer Network Packet Transmission Based on Deep Learning. IEEE Transactions on Computers, 2017, 66, 1946-1960.	3.4	275
17	An Efficient Framework for Data-Plane Verification With Geometric Windowing Queries. IEEE Transactions on Network and Service Management, 2017, 14, 1113-1127.	4.9	2
18	Exploiting Functional Dependencies of Variables in All Solutions SAT Solvers. Journal of Information Processing, 2017, 25, 459-468.	0.4	1

#	ARTICLE	IF	CITATIONS
19	Frontier-Based Search for Enumerating All Constrained Subgraphs with Compressed Representation. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2017, E100.A, 1773-1784.	0.3	19
20	Efficient Virtual Network Optimization Across Multiple Domains Without Revealing Private Information. IEEE Transactions on Network and Service Management, 2016, 13, 477-488.	4.9	32
21	Graphillion: software library for very large sets of labeled graphs. International Journal on Software Tools for Technology Transfer, 2016, 18, 57-66.	1.9	23
22	Statistical estimation of the names of HTTPS servers with domain name graphs. Computer Communications, 2016, 94, 104-113.	5.1	9
23	Distribution Network Verification for Secure Restoration by Enumerating All Critical Failures. IEEE Transactions on Smart Grid, 2015, 6, 843-852.	9.0	7
24	Distribution Loss Minimization With Guaranteed Error Bound. IEEE Transactions on Smart Grid, 2014, 5, 102-111.	9.0	101
25	International real-time streaming of 4K digital cinema. Future Generation Computer Systems, 2006, 22, 929-939.	7.5	48