

# Takeru Inoue

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7856686/publications.pdf>

Version: 2024-02-01

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  | 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       |
| 2  | 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       |
| 3  | Distribution Loss Minimization With Guaranteed Error Bound. IEEE Transactions on Smart Grid, 2014, 5, 102-111.  | 9.0  | 101       |
| 4  | 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        |
| 5  | International real-time streaming of 4K digital cinema. Future Generation Computer Systems, 2006, 22, 929-939.  | 7.5  | 48        |
| 6  | 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        |
| 7  | 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        |
| 8  | 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        |
| 9  | Efficient construction of binary decision diagrams for network reliability with imperfect vertices. Reliability Engineering and System Safety, 2019, 188, 142-154.  | 8.9  | 16        |
| 10 | Optimizing Network Reliability via Best-First Search over Decision Diagrams. , 2018, , .  |      | 10        |
| 11 | Statistical estimation of the names of HTTPS servers with domain name graphs. Computer Communications, 2016, 94, 104-113.   | 5.1  | 9         |
| 12 | Fast packet classification algorithm for network-wide forwarding behaviors. Computer Communications, 2018, 116, 101-117.  | 5.1  | 9         |
| 13 | Reliability Analysis for Disjoint Paths. IEEE Transactions on Reliability, 2019, 68, 985-998.   | 4.6  | 9         |
| 14 | Distribution Network Verification for Secure Restoration by Enumerating All Critical Failures. IEEE Transactions on Smart Grid, 2015, 6, 843-852.   | 9.0  | 7         |
| 15 | 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         |
| 16 | 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         |
| 17 | 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         |
| 18 | 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         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | 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         |
| 20 | Exploiting Functional Dependencies of Variables in All Solutions SAT Solvers. Journal of Information Processing, 2017, 25, 459-468.                              | 0.4 | 1         |
| 21 | NP-Hardness Boundary of Virtual Network Embedding With Node Location Constraints. IEEE Networking Letters, 2021, 3, 186-190.                                     | 1.9 | 1         |
| 22 | Special section on communication sciences and multimedia information systems. Nonlinear Theory and Its Applications IEICE, 2019, 10, 1-1.                        | 0.6 | 0         |
| 23 | Interval-based Counterexample Analysis for Error Explanation. Journal of Information Processing, 2021, 29, 630-639.  | 0.4 | 0         |
| 24 | 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         |
| 25 | Efficient Reliability Evaluation of Multi-Domain Networks with Secure Intra-Domain Privacy. IEICE Transactions on Communications, 2020, E103.B, 440-451.         | 0.7 | 0         |