

# Masayuki Murata

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/4391490/masayuki-murata-publications-by-citations.pdf>

**Version:** 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

370  
papers

2,250  
citations

20  
h-index

34  
g-index

490  
ext. papers

2,891  
ext. citations

2.4  
avg, IF

5.11  
L-index

#	Paper	IF	Citations
370	Challenging issues in visual sensor networks. <i>IEEE Wireless Communications</i> , <b>2009</b> , 16, 44-49	13.4	122
369	Attractor selection and perturbation for robust networks in fluctuating environments. <i>IEEE Network</i> , <b>2010</b> , 24, 14-18	11.4	102
368	Rate-based congestion control for ATM networks. <i>Computer Communication Review</i> , <b>1995</b> , 25, 60-72	1.4	90
367	. <i>IEEE Journal on Selected Areas in Communications</i> , <b>1991</b> , 9, 468-476	14.2	62
366	CATT <b>2012</b> ,		60
365	Biologically inspired self-adaptive multi-path routing in overlay networks. <i>Communications of the ACM</i> , <b>2006</b> , 49, 62-67	2.5	56
364	Versatile optical code-based MPLS for circuit, burst, and packet switchings. <i>Journal of Lightwave Technology</i> , <b>2003</b> , 21, 2753-2764	4	51
363	. <i>IEEE Journal on Selected Areas in Communications</i> , <b>1990</b> , 8, 447-458	14.2	40
362	Adaptive Virtual Network Topology Control Based on Attractor Selection. <i>Journal of Lightwave Technology</i> , <b>2010</b> , 28, 1720-1731	4	36
361	A distributed clustering method for energy-efficient data gathering in sensor networks. <i>International Journal of Wireless and Mobile Computing</i> , <b>2006</b> , 1, 113	0.4	33
360	Performance analysis of wavelength assignment policies in all-optical networks with limited-range wavelength conversion. <i>IEEE Journal on Selected Areas in Communications</i> , <b>1998</b> , 16, 1051-1060	14.2	33
359	Gradually Reconfiguring Virtual Network Topologies Based on Estimated Traffic Matrices. <i>IEEE/ACM Transactions on Networking</i> , <b>2010</b> , 18, 177-189	3.8	29
358	High-speed buffer management for 40 gb/s-based photonic packet switches. <i>IEEE/ACM Transactions on Networking</i> , <b>2006</b> , 14, 191-204	3.8	29
357	Traffic prediction for dynamic traffic engineering. <i>Computer Networks</i> , <b>2015</b> , 85, 36-50	5.4	26
356	Biological principles for future internet architecture design <b>2011</b> , 49, 44-52		25
355	Anomaly Detection in Smart Home Operation From User Behaviors and Home Conditions. <i>IEEE Transactions on Consumer Electronics</i> , <b>2020</b> , 66, 183-192	4.8	24
354	Genetic algorithms for feature selection when classifying severe chronic disorders of consciousness. <i>PLoS ONE</i> , <b>2019</b> , 14, e0219683	3.7	22

353	A perspective on photonic multiprotocol label switching. <i>IEEE Network</i> , <b>2001</b> , 15, 56-63	11.4	21
352	. <i>IEEE Transactions on Communications</i> , <b>1988</b> , 36, 1022-1034	6.9	21
351	Evolvable Virtual Network Function Placement Method: Mechanism and Performance Evaluation. <i>IEEE Transactions on Network and Service Management</i> , <b>2019</b> , 16, 27-40	4.8	21
350	QoS-Aware Frequency-Based 4G+Relative Authentication Model for Next Generation LTE and Its Dependent Public Safety Networks. <i>IEEE Access</i> , <b>2017</b> , 5, 21977-21991	3.5	20
349	Variable-bandwidth optical paths: comparison between optical code-labelled path and OCDM path. <i>Journal of Lightwave Technology</i> , <b>2006</b> , 24, 3563-3573	4	20
348	Adaptive Playout Buffer Algorithm for Enhancing Perceived Quality of Streaming Applications. <i>Telecommunication Systems</i> , <b>2004</b> , 25, 259-271	2.3	19
347	Oscillation Model for Describing Network Dynamics Caused by Asymmetric Node Interaction. <i>IEICE Transactions on Communications</i> , <b>2018</b> , E101.B, 123-136	0.5	19
346	Energy-efficient receiver-driven wireless mesh sensor networks. <i>Sensors</i> , <b>2011</b> , 11, 111-37	3.8	18
345	Potential based routing as a secondary best-effort routing for Information Centric Networking (ICN). <i>Computer Networks</i> , <b>2013</b> , 57, 3154-3164	5.4	17
344	CATT: Cache aware target identification for ICN <b>2012</b> , 50, 60-67		17
343	Reaction-diffusion based autonomous control of wireless sensor networks. <i>International Journal of Sensor Networks</i> , <b>2010</b> , 7, 189	0.8	17
342	Heuristic algorithm for allocation of wavelength convertible nodes and routing coordination in all-optical networks. <i>Journal of Lightwave Technology</i> , <b>1999</b> , 17, 535-545	4	17
341	Application of evolutionary mechanism to dynamic Virtual Network Function Placement <b>2016</b> ,		17
340	Controlled and self-organized routing for large-scale wireless sensor networks. <i>ACM Transactions on Sensor Networks</i> , <b>2013</b> , 10, 1-27	2.9	16
339	Gradually Reconfiguring Virtual Network Topologies Based on Estimated Traffic Matrices <b>2007</b> ,		16
338	Joint Bearer Aggregation and Control-Data Plane Separation in LTE EPC for Increasing M2M Communication Capacity <b>2015</b> ,		15
337	Energy efficient self-organizing control for wireless sensor networks inspired by calling behavior of frogs. <i>Computer Communications</i> , <b>2012</b> , 35, 661-669	5.1	15
336	A Bio-Inspired Robust Routing Protocol for Mobile Ad Hoc Networks <b>2007</b> ,		15

335	Proportional rate-based congestion control under long propagation delay. <i>International Journal of Communication Systems</i> , <b>1995</b> , 8, 79-89	1.7	15
334	A design of an ICN architecture within the framework of SDN <b>2015</b> ,		14
333	Autonomous and adaptive resource allocation among multiple nodes and multiple applications in heterogeneous wireless networks. <i>Journal of Computer and System Sciences</i> , <b>2012</b> , 78, 1673-1685	1	14
332	Autonomy in excitation transfer via optical near-field interactions and its implications for information networking. <i>Nano Communication Networks</i> , <b>2011</b> , 2, 189-195	2.9	14
331	Improving TCP handoff performance in Mobile IP based networks. <i>Computer Communications</i> , <b>2002</b> , 25, 635-646	5.1	14
330	Robustness and efficiency in interconnected networks with changes in network assortativity. <i>Applied Network Science</i> , <b>2017</b> , 2, 6	2.9	13
329	Architecture design and performance evaluation of multigranularity optical networks based on optical code division multiplexing. <i>Journal of Optical Networking</i> , <b>2006</b> , 5, 1028		13
328	Photonic access node using optical code-based label processing and its applications to optical data networking. <i>Journal of Lightwave Technology</i> , <b>2001</b> , 19, 1401-1415	4	13
327	Information theoretical analysis of hierarchical nano-optical systems in the subwavelength regime. <i>Journal of the Optical Society of America B: Optical Physics</i> , <b>2009</b> , 26, 1772	1.7	12
326	Fairness and stability of congestion control mechanisms of TCP. <i>Telecommunication Systems</i> , <b>2000</b> , 15, 167-184	2.3	12
325	Integrated silicon photonic device design by attractor selection mechanism based on artificial neural networks: optical coupler and asymmetric light transmitter. <i>Optics Express</i> , <b>2018</b> , 26, 29032-29044	2.3	12
324	Peer-to-Peer vs. Client/Server: Reliability and Efficiency of a Content Distribution Service <b>2007</b> , 1161-1172		12
323	A QoS-aware routing mechanism for multi-channel multi-interface ad-hoc networks. <i>Ad Hoc Networks</i> , <b>2011</b> , 9, 911-927	4.8	11
322	Self-Organized Data-Gathering Scheme for Multi-Sink Sensor Networks Inspired by Swarm Intelligence <b>2007</b> ,		11
321	Design Method of Logical Topologies with Quality of Reliability in WDM Networks. <i>Photonic Network Communications</i> , <b>2003</b> , 5, 107-121	1.7	11
320	Virtual Network Reconfiguration for Reducing Energy Consumption in Optical Data Centers. <i>Journal of Optical Communications and Networking</i> , <b>2014</b> , 6, 925	4.1	10
319	A New Method of Proactive Recovery Mechanism for Large-Scale Network Failures <b>2009</b> ,		10
318	WSN17-3: Self-Adaptive Ad-Hoc/Sensor Network Routing with Attractor-Selection. <i>IEEE Global Telecommunications Conference (GLOBECOM)</i> , <b>2006</b> ,		10

317	Survey of switching techniques in high-speed networks and their performance. <i>International Journal of Satellite Communications and Networking</i> , <b>1991</b> , 9, 285-303		10
316	A Traveling Wave based Communication Mechanism for Wireless Sensor Networks. <i>Journal of Networks</i> , <b>2007</b> , 2,		10
315	Resilient Multi-path Routing Based on a Biological Attractor Selection Scheme. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 48-63	0.9	10
314	An analysis of energy consumption for TCP data transfer with burst transmission over a wireless LAN. <i>International Journal of Communication Systems</i> , <b>2015</b> , 28, 1965-1986	1.7	9
313	Performance evaluation of intermittent receiver-driven data transmission on wireless sensor networks <b>2009</b> ,		9
312	Frog call-inspired self-organizing anti-phase synchronization for wireless sensor networks <b>2009</b> ,		9
311	User selfishness vs. file availability in P2P file-sharing systems: Evolutionary game theoretic approach. <i>Peer-to-Peer Networking and Applications</i> , <b>2010</b> , 3, 17-26	3.1	9
310	Design of wavelength-convertible edge nodes in wavelength-routed networks. <i>Journal of Optical Networking</i> , <b>2006</b> , 5, 196		9
309	An analytic solution of the waiting time distribution for the discrete-time GI/G/1 queue. <i>Performance Evaluation</i> , <b>1991</b> , 13, 87-95	1.2	9
308	End-to-end reliability- and delay-aware scheduling with slot sharing for wireless sensor networks <b>2016</b> ,		9
307	Modeling of Epidemic Diffusion in Peer-to-Peer File-Sharing Networks. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 322-329	0.9	9
306	Flow aggregation for traffic engineering <b>2014</b> ,		8
305	Energy efficient data caching for content dissemination networks. <i>Journal of High Speed Networks</i> , <b>2013</b> , 19, 215-235	0.4	8
304	Towards Establishing Ambient Network Environment. <i>IEICE Transactions on Communications</i> , <b>2009</b> , E92-B, 1070-1076	0.5	8
303	Reaction-Diffusion Based Topology Self-Organization for Periodic Data Gathering in Wireless Sensor Networks <b>2008</b> ,		8
302	Biologically Inspired Networking <b>2007</b> , 1-21		8
301	<b>2006</b> ,		8
300	Trade-off between Reliability and Energy Cost for Content-Rich Data Transmission in Wireless Sensor Networks <b>2006</b> ,		8

299	Proposal for Autonomous Decentralized Structure Formation Based on Local Interaction and Back-Diffusion Potential. <i>IEICE Transactions on Communications</i> , <b>2012</b> , E95.B, 1529-1538	0.5	8
298	Virtual Wireless Sensor Networks: Adaptive Brain-Inspired Configuration for Internet of Things Applications. <i>Sensors</i> , <b>2016</b> , 16,	3.8	8
297	Cloud bursting approach based on predicting requests for business-critical web systems <b>2017</b> ,		7
296	Dispersing Content Over Networks in Information-Centric Networking. <i>IEEE Transactions on Network and Service Management</i> , <b>2019</b> , 16, 521-534	4.8	7
295	Anomaly Detection for Smart Home Based on User Behavior <b>2019</b> ,		7
294	Evolutionary core-periphery structure and its application to network function virtualization. <i>Nonlinear Theory and Its Applications IEICE</i> , <b>2016</b> , 7, 202-216	0.6	7
293	Bayesian-Based Virtual Network Reconfiguration for Dynamic Optical Networks. <i>Journal of Optical Communications and Networking</i> , <b>2018</b> , 10, 440	4.1	7
292	. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2010</b> , 28, 521-523	14.2	7
291	Self-Organization Based Network Architecture for New Generation Networks <b>2009</b> ,		7
290	Design and evaluation of a wireless sensor network architecture for urgent information transmission. <i>International Journal of Sensor Networks</i> , <b>2009</b> , 6, 101	0.8	7
289	Design Guidelines for New Generation Network Architecture. <i>IEICE Transactions on Communications</i> , <b>2010</b> , E93-B, 462-465	0.5	7
288	Stability of virtual network topology control for overlay routing services. <i>Journal of Optical Networking</i> , <b>2008</b> , 7, 704		7
287	. <i>IEEE Transactions on Communications</i> , <b>1992</b> , 40, 1294-1297	6.9	7
286	Reaction-Diffusion based Autonomous Control of Camera Sensor Networks <b>2007</b> ,		7
285	Virtual Network Reconfiguration in Elastic Optical Path Networks for Future Bandwidth Allocation. <i>Journal of Optical Communications and Networking</i> , <b>2016</b> , 8, 633	4.1	7
284	Mathematical modelling and application of frog choruses as an autonomous distributed communication system. <i>Royal Society Open Science</i> , <b>2019</b> , 6, 181117	3.3	6
283	Traffic engineering based on stochastic model predictive control for uncertain traffic change <b>2015</b> ,		6
282	Reducing State Information by Sharing IMSI for Cellular IoT Devices. <i>IEEE Internet of Things Journal</i> , <b>2016</b> , 3, 1297-1309	10.7	6

281	Separating predictable and unpredictable flows via dynamic flow mining for effective traffic engineering <b>2016</b> ,		6
280	Controlling Large-Scale Self-Organized Networks with Lightweight Cost for Fast Adaptation to Changing Environments. <i>ACM Transactions on Autonomous and Adaptive Systems</i> , <b>2016</b> , 11, 1-26	1.2	6
279	Lifetime extension based on residual energy for receiver-driven multi-hop wireless network. <i>Cluster Computing</i> , <b>2013</b> , 16, 469-480	2.1	6
278	Traffic Engineering Based on Model Predictive Control. <i>IEICE Transactions on Communications</i> , <b>2015</b> , E98.B, 996-1007	0.5	6
277	Network topology selection with multistate neural memories. <i>Expert Systems With Applications</i> , <b>2015</b> , 42, 3219-3226	7.8	6
276	Proposal and evaluation of a future mobile network management mechanism with attractor selection. <i>Eurasip Journal on Wireless Communications and Networking</i> , <b>2012</b> , 2012,	3.2	6
275	Potential based routing for ICN <b>2011</b> ,		6
274	Data Center Network Topologies Using Optical Packet Switches <b>2012</b> ,		6
273	Allocation of wavelength-convertible nodes and routing in all-optical networks <b>1997</b> ,		6
272	A Study on Cycle Attack by Multiaccess Interference in Multigranularity OCDM-Based Optical Networks. <i>Journal of Lightwave Technology</i> , <b>2008</b> , 26, 2064-2074	4	6
271	Network-Adaptive Image and Video Transmission in Camera-Based Wireless Sensor Networks <b>2007</b> ,		6
270	Congestion control for bursty video traffic in ATM networks. <i>Electronics and Communications in Japan</i> , <b>1992</b> , 75, 13-23		6
269	Next Generation Intra-Vehicle Backbone Network Architectures <b>2021</b> ,		6
268	Reproducing Popularity Distribution of YouTube Videos. <i>IEEE Transactions on Network and Service Management</i> , <b>2019</b> , 16, 1100-1112	4.8	5
267	Design and implementation of ICN-enabled IEEE 802.11 access points as nano data centers. <i>Journal of Network and Computer Applications</i> , <b>2015</b> , 50, 159-167	7.9	5
266	Design and performance evaluation of bearer aggregation method in mobile core network with C/U plane separation <b>2017</b> ,		5
265	<b>2014</b> ,		5
264	Experimental demonstration of adaptive virtual network topology control mechanism based on SDTN architecture <b>2013</b> ,		5

263	Autonomous and Adaptive Wireless Networking with Bio-inspired Algorithms <b>2011</b> ,		5
262	Emergency Communication Services Based on Overlay Networking Technologies <b>2008</b> ,		5
261	Simulation studies on router buffer sizing for short-lived and pacing TCP flows. <i>Computer Communications</i> , <b>2008</b> , 31, 3789-3798	5.1	5
260	TCP symbiosis <b>2006</b> ,		5
259	On routing controls in ISP topologies: A structural perspective <b>2006</b> ,		5
258	Adaptive and Reliable Multi-Path Transmission in Wireless Sensor Networks using Forward Error Correction and Feedback <b>2007</b> ,		5
257	Rate-based pacing for small buffered optical packet-switched networks. <i>Journal of Optical Networking</i> , <b>2007</b> , 6, 1116		5
256	Scalable and Robust Scheme for Data Gathering in Sensor Networks. <i>Lecture Notes in Computer Science</i> , <b>2004</b> , 412-427	0.9	5
255	Proxy caching mechanisms with video quality adjustment <b>2001</b> ,		5
254	Performance analysis of fast reservation protocols in ATM networks. <i>Performance Evaluation</i> , <b>1996</b> , 26, 263-287	1.2	5
253	Performance analysis of fast reservation protocol in ATM networks with arbitrary topologies. <i>Performance Evaluation</i> , <b>1996</b> , 27-28, 41-69	1.2	5
252	Output processes of slotted persistent CSMA and CSMA/CD systems. <i>Computer Networks</i> , <b>1987</b> , 13, 333-346		5
251	Evaluation of Robustness in Time Synchronization for Sensor Networks <b>2007</b> ,		5
250	A Feasibility Evaluation on Name-Based Routing. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 130-142	0.9	5
249	Spatially-Dispersed Caching in Information-Centric Networking <b>2018</b> ,		5
248	Priority control based on website categories in edge computing <b>2016</b> ,		4
247	Drawing Inspiration from Human Brain Networks: Construction of Interconnected Virtual Networks. <i>Sensors</i> , <b>2018</b> , 18,	3.8	4
246	Energy-Aware Cache Management for Content-Centric Networking <b>2013</b> ,		4



245	A control method for autonomous mobility management systems toward 5G mobile networks <b>2017</b> ,		4
244	High-Speed Design of Conflictless Name Lookup and Efficient Selective Cache on CCN Router. <i>IEICE Transactions on Communications</i> , <b>2015</b> , E98.B, 607-620	0.5	4
243	Cellular economy in fission yeast cells continuously cultured with limited nitrogen resources. <i>Scientific Reports</i> , <b>2015</b> , 5, 15617	4.9	4
242	Investigating structure of modern web traffic <b>2015</b> ,		4
241	Statistical Approximation of Efficient Caching Mechanisms for One-Timers. <i>IEEE Transactions on Network and Service Management</i> , <b>2015</b> , 12, 595-604	4.8	4
240	Users' reaction to network quality during web browsing on smartphones <b>2014</b> ,		4
239	Energy efficient content locations for in-network caching <b>2012</b> ,		4
238	Analyzing and modeling router-level internet topology and application to routing control. <i>Computer Communications</i> , <b>2012</b> , 35, 980-992	5.1	4
237	A reaction-diffusion-based coding rate control mechanism for camera sensor networks. <i>Sensors</i> , <b>2010</b> , 10, 7651-73	3.8	4
236	Autonomous Decentralized Mechanism of Structure Formation Adapting to Network Conditions <b>2011</b> ,		4
235	XCP-based transmission control mechanism for optical packet switched networks with very small optical RAM. <i>Photonic Network Communications</i> , <b>2009</b> , 18, 237-243	1.7	4
234	A Managed Self-Organization of Virtual Network Topology Controls in WDM-based Optical Networks. <i>Journal of Optical Communications</i> , <b>2011</b> , 32,	1.2	4
233	<b>2011</b> ,		4
232	Error-Tolerant and Energy-Efficient Coverage Control Based on Biological Attractor Selection Model in Wireless Sensor Networks. <i>International Journal of Distributed Sensor Networks</i> , <b>2012</b> , 8, 971014-7	1.7	4
231	A New TCAM Architecture for Managing ACL in Routers. <i>IEICE Transactions on Communications</i> , <b>2010</b> , E93-B, 3004-3012	0.5	4
230	Analysis and modeling of World Wide Web traffic for capacity dimensioning of Internet access lines <b>1997</b> ,		4
229	Node pacing for optical packet switching <b>2008</b> ,		4
228	A Caching Algorithm using Evolutionary Game Theory in a File-Sharing System. <i>Proceedings - International Symposium on Computers and Communications</i> , <b>2007</b> ,		4

227	Performance Evaluation of Intercluster Multi-hop Communication Large-Scale Sensor Networks <b>2006,</b>		4
226	"Free-riding" traffic problem in routing overlay networks <b>2007,</b>		4
225	Performance evaluation of HTTP/TCP on asymmetric networks. <i>International Journal of Communication Systems</i> , <b>1999</b> , 12, 281-296	1.7	4
224	Application of Attractor Selection to Adaptive Virtual Network Topology Control <b>2008,</b>		4
223	Robust and Resilient Data Collection Protocols for Multihop Wireless Sensor Networks. <i>IEICE Transactions on Communications</i> , <b>2012</b> , E95.B, 2740-2750	0.5	4
222	Analyzing Effect of Edge Computing on Reduction of Web Response Time <b>2016,</b>		4
221	Proposal and Evaluation of a Cooperative Mechanism for Pure P2P File Sharing Networks. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 33-47	0.9	4
220	Virtual Network Reconfiguration With Adaptability to Traffic Changes. <i>Journal of Optical Communications and Networking</i> , <b>2014</b> , 6, 523	4.1	3
219	Potential-based routing for supporting robust any-to-any communication in wireless sensor networks. <i>Eurasip Journal on Wireless Communications and Networking</i> , <b>2013</b> , 2013,	3.2	3
218	Analyzing the Evolution and the Future of the Internet Topology Focusing on Flow Hierarchy. <i>Journal of Computer Networks and Communications</i> , <b>2015</b> , 2015, 1-18	2.5	3
217	Optimizing Cache Location and Route on CDN Using Model Predictive Control <b>2015,</b>		3
216	Optimization of Light-path Configuration Order in IP over WDM Networks using Fast Traffic Matrix Estimation <b>2014,</b>		3
215	A virtual network to achieve low energy consumption in optical large-scale datacenter <b>2012,</b>		3
214	Optical-Layer Traffic Engineering With Link Load Estimation for Large-Scale Optical Networks. <i>Journal of Optical Communications and Networking</i> , <b>2012</b> , 4, 38	4.1	3
213	Error-Tolerant Coverage Control based on Bio-inspired Attractor Selection Model for Wireless Sensor Networks <b>2010,</b>		3
212	Energy efficient sleep scheduling in wireless sensor networks inspired by satellite behavior of frogs <b>2010,</b>		3
211	New framework of back diffusion-based autonomous decentralized control and its application to clustering scheme <b>2010,</b>		3
210	Lifetime extension based on residual energy for receiver-driven multi-hop wireless network <b>2011,</b>		3

209	Controlled potential-based routing for large-scale wireless sensor networks <b>2011</b> ,		3
208	Modeling and Analysis of Power Consumption in TCP Data Transmission over a Wireless LAN Environment <b>2011</b> ,		3
207	An inter-networking mechanism with stepwise synchronization for wireless sensor networks. <i>Sensors</i> , <b>2011</b> , 11, 8241-60	3.8	3
206	An Autonomous Data Gathering Scheme Adaptive to Sensing Requirements for Industrial Environment Monitoring <b>2008</b> ,		3
205	Experiments and considerations on Reaction-Diffusion based Pattern Generation in a Wireless Sensor Network <b>2007</b> ,		3
204	A Self-Organizing Communication Mechanism using Traveling Wave Phenomena for Wireless Sensor Networks <b>2007</b> ,		3
203	LLR: A Construction Scheme of a Low-Diameter, Location-Aware, and Resilient P2P Network <b>2006</b> ,		3
202	ImTCP: TCP with an inline measurement mechanism for available bandwidth. <i>Computer Communications</i> , <b>2006</b> , 29, 1614-1626	5.1	3
201	Design of Logical Topology with Effective Waveband Usage in IP-over-WDM Networks. <i>Photonic Network Communications</i> , <b>2006</b> , 11, 151-161	1.7	3
200	Effective methods for scalable and continuous media streaming on peer-to-peer networks. <i>European Transactions on Telecommunications</i> , <b>2004</b> , 15, 549-558		3
199	On the integration of IP routing and wavelength routing in IP over WDM networks <b>2005</b> ,		3
198	Designing a delay-based adaptive congestion control mechanism using control theory and system identification for TCP/IP networks <b>2002</b> ,		3
197	Performance evaluation of multicast routing methods in optical switching networks with multiple wavebands. <i>Electronics and Communications in Japan</i> , <b>2000</b> , 83, 84-96		3
196	On video coding algorithms with application level QoS guarantees. <i>Computer Communications</i> , <b>2000</b> , 23, 1459-1469	5.1	3
195	Performance analysis for the dynamic virtual path bandwidth control method in ATM networks. <i>International Journal of Communication Systems</i> , <b>1994</b> , 7, 283-294	1.7	3
194	Compact CAR: Low-Overhead Cache Replacement Policy for an ICN Router. <i>IEICE Transactions on Communications</i> , <b>2018</b> , E101.B, 1366-1378	0.5	3
193	Estimation of Current Traffic Matrices from Long-Term Traffic Variations. <i>IEICE Transactions on Communications</i> , <b>2009</b> , E92-B, 171-183	0.5	3
192	Virtual Network Allocation for Fault Tolerance Balanced with Physical Resources Consumption in a Multi-Tenant Data Center. <i>IEICE Transactions on Communications</i> , <b>2015</b> , E98.B, 2121-2131	0.5	3

191	Video streaming systems with cooperative caching mechanisms <b>2002</b> ,		3
190	Separating Predictable and Unpredictable Flows via Dynamic Flow Mining for Effective Traffic Engineering. <i>IEICE Transactions on Communications</i> , <b>2018</b> , E101.B, 538-547	0.5	3
189	Analyzing and Modeling Router-Level Internet Topology. <i>Lecture Notes in Computer Science</i> , <b>2008</b> , 171-182	9	3
188	Optical Data Center Networks: Architecture, Performance, and Energy Efficiency <b>2015</b> ,		3
187	A biological approach to physical topology design for plasticity in optical networks. <i>Optical Switching and Networking</i> , <b>2017</b> , 25, 124-132	1.6	2
186	Web Service Flash Crowd Mitigation Using Feedback to Users <b>2017</b> ,		2
185	Scalable Design Method of Attractors in Noise-Induced Virtual Network Topology Control. <i>Journal of Optical Communications and Networking</i> , <b>2015</b> , 7, 851	4.1	2
184	High Throughput Dequeuing Technique in Distributed Message Queues for IoT. <i>Journal of Information Processing</i> , <b>2017</b> , 25, 199-208	0.2	2
183	Mobility-controlled flying routers for information-centric networking <b>2018</b> ,		2
182	Effects of C/U Plane Separation and Bearer Aggregation in Mobile Core Network. <i>IEEE Transactions on Network and Service Management</i> , <b>2018</b> , 15, 611-624	4.8	2
181	Retrieving information with autonomously-flying routers in information-centric network <b>2016</b> ,		2
180	Hierarchical Model Predictive Traffic Engineering. <i>IEEE/ACM Transactions on Networking</i> , <b>2018</b> , 26, 1754-1867	3.367	2
179	Self-Organizing Control Mechanism Based on Collective Decision-Making for Information Uncertainty. <i>ACM Transactions on Autonomous and Adaptive Systems</i> , <b>2018</b> , 13, 1-21	1.2	2
178	Improving resiliency against DDoS attacks by SDN and multipath orchestration of VNF services <b>2017</b> ,		2
177	Web performance acceleration by caching rendering results <b>2015</b> ,		2
176	<b>2013</b> ,		2
175	Noise-assisted concurrent multipath traffic distribution in ad hoc networks. <i>Scientific World Journal, The</i> , <b>2013</b> , 2013, 543718	2.2	2
174	Function-distributed mobility system for the future Internet <b>2010</b> ,		2

173	Layered Attractor Selection for Clustering and Data Gathering in Wireless Sensor Networks <b>2010</b> ,		2
172	Non Bandwidth-intrusive Video Streaming over TCP <b>2011</b> ,		2
171	A Transmission Range Reduction Scheme for Reducing Power Consumption in Clustered Wireless Sensor Networks <b>2009</b> ,		2
170	Self-Organized Data-Energy-Aware Clustering and Routing for Wireless Sensor Networks <b>2009</b> ,		2
169	Buffer scaling for optical packet switching networks with shared RAM. <i>Optical Switching and Networking</i> , <b>2011</b> , 8, 12-22	1.6	2
168	Scalable and Density-Aware Measurement Strategies for Overlay Networks <b>2009</b> ,		2
167	Self-Organization Based Network Architecture for New Generation Networks. <i>IEICE Transactions on Communications</i> , <b>2010</b> , E93-B, 458-461	0.5	2
166	Parameter tuning of rate-based congestion control algorithm for ABR service class in ATM networks. <i>International Journal of Communication Systems</i> , <b>1998</b> , 11, 103-128	1.7	2
165	Dynamic Network Formation in Ambient Information Networking <b>2008</b> ,		2
164	A Modeling Method for ISP Topologies Based on Network-Cost Optimization <b>2008</b> ,		2
163	Traffic dynamic in modularity structure of complex networks. <b>2008</b> ,		2
162	A New Approach for Discovering and Quantifying Hierarchical Structure of Complex Networks <b>2008</b> ,		2
161	Self-organizing network architecture for scalable, adaptive, and robust networking <b>2008</b> ,		2
160	Proposal of a Reaction-Diffusion based Congestion Control Method for Wireless Mesh Networks. <i>International Conference on Advanced Communication Technology</i> , <b>2008</b> ,		2
159	Effectiveness of overlay routing based on delay and bandwidth information <b>2007</b> ,		2
158	On the stability of virtual network topology control for overlay routing services <b>2007</b> ,		2
157	Inline bandwidth measurements: Implementation difficulties and their solutions <b>2007</b> ,		2
156	Noise-assisted distributed detection in sensor networks. <i>AIP Conference Proceedings</i> , <b>2007</b> ,	0	2

155	A Synchronization-based Data Gathering Scheme in Unstable Radio Environments <b>2007</b> ,		2
154	Evaluation of robustness in time synchronization for sensor networks <b>2007</b> ,		2
153	ACM: A Transmission Mechanism for Urgent Sensor Information. <i>Performance, Computing and Communications Conference (IPCCC), IEEE International</i> , <b>2007</b> ,		2
152	Overlay Network Symbiosis: Evolution and Cooperation <b>2006</b> ,		2
151	Performance improvement of TCP over an ad hoc network. <i>Electronics and Communications in Japan</i> , <b>2004</b> , 87, 99-107		2
150	Reconfiguration of Logical Topologies with Minimum Traffic Disruptions in Reliable WDM-Based Mesh Networks. <i>Photonic Network Communications</i> , <b>2003</b> , 6, 265-277	1.7	2
149	On the robustness of planning methods for traffic changes in WDM networks. <i>Journal of Optical Networking</i> , <b>2004</b> , 4, 11		2
148	Design methods of multilayer survivability in IP over WDM networks <b>2000</b> , 4233, 279		2
147	Performance evaluation of burst-based bandwidth-reservation method in ATM networks. <i>Electronics and Communications in Japan</i> , <b>1994</b> , 77, 25-37		2
146	Performance of token ring networks with a finite capacity bridge. <i>Computer Networks</i> , <b>1992</b> , 24, 45-64		2
145	A Low-Cost, Distributed and Conflict-Aware Measurement Method for Overlay Network Services Utilizing Local Information Exchange. <i>IEICE Transactions on Communications</i> , <b>2013</b> , E96.B, 459-469	0.5	2
144	Media Streaming on P2P Networks with Bio-inspired Cache Replacement Algorithm. <i>Lecture Notes in Computer Science</i> , <b>2004</b> , 380-395	0.9	2
143	Scalable Cache Component in ICN Adaptable to Various Network Traffic Access Patterns. <i>IEICE Transactions on Communications</i> , <b>2018</b> , E101.B, 35-48	0.5	2
142	A New Congestion Control Mechanism of TCP with Inline Network Measurement. <i>Lecture Notes in Computer Science</i> , <b>2005</b> , 109-121	0.9	2
141	Self Organizing Topology Transformation for Peer-To-Peer (P2P) Networks. <i>IEICE Transactions on Communications</i> , <b>2010</b> , E93-B, 516-524	0.5	2
140	An Inter-networking Mechanism Using Stepwise Synchronization for Wireless Sensor Networks. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , <b>2012</b> , 276-287	0.2	2
139	SDN-Based Control of IoT Network by Brain-Inspired Bayesian Attractor Model and Network Slicing. <i>Applied Sciences (Switzerland)</i> , <b>2020</b> , 10, 5773	2.6	2
138	Analysis of Popularity Pattern of User Generated Contents and Its Application to Content-Aware Networking <b>2016</b> ,		2

137	Framework for traffic engineering under uncertain traffic information <b>2016,</b>		2
136	Impact of Fluctuating Goals on Adaptability of Evolvable VNF Placement Method <b>2016,</b>		2
135	Abstraction Layer Based Virtual Data Center Architecture for Network Function Chaining <b>2016,</b>		2
134	Implementation of a real-time sound source localization method for outdoor animal detection using wireless sensor networks <b>2019,</b>		2
133	Detecting Malware-infected Hosts Using Templates of Multiple HTTP Requests <b>2020,</b>		2
132	Effects of Service Function Relocation on Application-level Delay in Multi-access Edge Computing <b>2018,</b>		2
131	Dynamic Wavelength Allocation and Analytical Model for Flow Assignment in Optical Packet and Path Integrated Networks. <i>Journal of Optical Communications and Networking</i> , <b>2017</b> , 9, 304	4.1	1
130	Adaptive Virtual Topology Control Based on Attractor Selection. <i>Modeling and Optimization in Science and Technologies</i> , <b>2017</b> , 305-328	0.6	1
129	Reliable Design for a Network of Networks with Inspiration from Brain Functional Networks. <i>Applied Sciences (Switzerland)</i> , <b>2019</b> , 9, 3809	2.6	1
128	Traffic Engineering and Traffic Monitoring in the Case of Incomplete Information. <i>IEICE Transactions on Communications</i> , <b>2019</b> , E102.B, 111-121	0.5	1
127	Energy-efficient information dissemination based on received signal strength in wireless sensor networks <b>2015,</b>		1
126	Design of Communication Architecture to Support Stream Data over Content-centric Networking <b>2015,</b>		1
125	Aggregation of traffic information for hierarchical routing reconfiguration. <i>Computer Networks</i> , <b>2015</b> , 76, 242-258	5.4	1
124	System and application performance of function placement strategies for virtualized mobile fronthaul/backhaul networks <b>2020,</b>		1
123	Mobile Network Architectures and Context-Aware Network Control Technology in the IoT Era. <i>IEICE Transactions on Communications</i> , <b>2018</b> , E101.B, 2083-2093	0.5	1
122	Enhancing Convergence with Optimal Feedback for Controlled Self-Organizing Networks <b>2014,</b>		1
121	Virtual topology control with multistate neural associative memories <b>2013,</b>		1
120	Improved Resilience through Extended KVS-Based Messaging System. <i>IEICE Transactions on Information and Systems</i> , <b>2015</b> , E98.D, 578-587	0.6	1

119	Hierarchical Optimal Control Method for Controlling Self-Organized Networks with Light-Weight Cost <b>2015</b> ,		1
118	Effective Flow Aggregation for Traffic Engineering. <i>IEICE Transactions on Communications</i> , <b>2015</b> , E98.B, 2049-2059	0.5	1
117	<b>2015</b> ,		1
116	Achieving Plasticity in WDM Networks: Application of Biological Evolutionary Model to Network Design <b>2015</b> ,		1
115	Self-organizing power law topology for the name resolution system of ICN. <i>Journal of Complex Networks</i> , <b>2015</b> , 3, 35-51	1.7	1
114	Development of onboard LPM-based header processing and reactive link selection for optical packet and circuit integrated networks <b>2014</b> ,		1
113	Virtual Network Allocation for Fault Tolerance with Bandwidth Efficiency in a Multi-tenant Data Center <b>2014</b> ,		1
112	End-to-End Measurement of Hop-by-Hop Available Bandwidth <b>2014</b> ,		1
111	Resource Name-Based Routing in the Network Layer. <i>Journal of Network and Systems Management</i> , <b>2014</b> , 22, 1-22	2.1	1
110	Analyses of soft-state signaling protocols in GMPLS-Based WDM networks. <i>International Journal of Network Management</i> , <b>2012</b> , 22, 418-434	1.8	1
109	Computing Path Blocking Probability and Delay in Optical Networks With Retrial. <i>Journal of Optical Communications and Networking</i> , <b>2013</b> , 5, 498	4.1	1
108	Information-centric communication architecture for vehicular networking <b>2013</b> ,		1
107	Proactive recovery from multiple failures utilizing overlay networking technique. <i>Telecommunication Systems</i> , <b>2011</b> , 52, 1001	2.3	1
106	A Self-Organizing Architecture for Scalable, Adaptive, and Robust Networking <b>2011</b> , 119-140		1
105	A Transport-Layer Solution for Alleviating TCP Unfairness in a Wireless LAN Environment. <i>IEICE Transactions on Communications</i> , <b>2011</b> , E94-B, 765-776	0.5	1
104	Proposal for Dynamic Organization of Service Networks over a Wireless Sensor and Actuator Network. <i>Procedia Computer Science</i> , <b>2011</b> , 5, 240-247	1.6	1
103	Proactive recovery method against multiple network failures with overlay networking technique <b>2010</b> ,		1
102	The impact of FQDN database updates on name-based routing architecture <b>2010</b> ,		1



101	Dynamics of Feedback-Induced Packet Delay in Power-Law Networks <b>2010</b> ,		1
100	A Model of Link Capacities in ISP's Router-Level Topology <b>2010</b> ,		1
99	A distributed measurement method for reducing measurement conflict frequency in overlay networks <b>2011</b> ,		1
98	Packet Switch Architectures for Very Small Optical RAM <b>2009</b> ,		1
97	<b>2011</b> ,		1
96	Performance improvement by collision avoidance of control packets in receiver-driven multihop wireless mesh networks <b>2012</b> ,		1
95	Adaptive Timer-Based Countermeasures against TCP SYN Flood Attacks. <i>IEICE Transactions on Communications</i> , <b>2012</b> , E95.B, 866-875	0.5	1
94	Self-Organizing Scale Free Topology for Peer-to-Peer Networks <b>2009</b> ,		1
93	MPEG over ATM DBR service class for high quality transmission and effective bandwidth usage. <i>International Journal of Communication Systems</i> , <b>1997</b> , 10, 117-130	1.7	1
92	Performance Evaluation and Improvement of Hybrid TCP Congestion Control Mechanisms in Wireless LAN Environment <b>2008</b> ,		1
91	GPS-Free Disaster-Scale Mapping and Energy-Efficient Alerting Scheme in a Wireless Sensor Network <b>2008</b> ,		1
90	Differences in Robustness of Self-Organized Control and Centralized Control in Sensor Networks Caused by Differences in Control Dependence <b>2008</b> ,		1
89	A study on a receiver-based management scheme of access link resources for QoS-controllable TCP connections. <i>International Journal of Communication Systems</i> , <b>2006</b> , 19, 751-773	1.7	1
88	Noise-Assisted Control in Information Networks <b>2007</b> ,		1
87	<b>2007</b> ,		1
86	Sizing Router Buffers for Large-Scale TCP/IP Networks <b>2007</b> ,		1
85	Toward bio-inspired network robustness - Step 1. Modularity <b>2007</b> ,		1
84	A Communication Mechanism using Traveling Wave Phenomena for Wireless Sensor Networks <b>2007</b> ,		1

83	Virtual Fiber Configuration for Dynamic Lightpath Establishment in Large-scaled Optical Networks. <i>Photonic Network Communications</i> , <b>2006</b> , 12, 87-98	1.7	1
82	Scalable resource management for high-performance Web servers. <i>International Journal of Communication Systems</i> , <b>2004</b> , 17, 389-406	1.7	1
81	PID congestion control in ATM with propagation delay. <i>Electronics and Communications in Japan</i> , <b>2004</b> , 87, 90-99		1
80	Steady state and transient state behaviours analyses of TCP connections considering interactions between TCP connections and network. <i>International Journal of Communication Systems</i> , <b>2005</b> , 18, 639-656	1.7	1
79	Effects of upper-layer protocols on the self-similarity of network traffic. <i>Electronics and Communications in Japan</i> , <b>2001</b> , 84, 19-30		1
78	PERFORMANCE COMPARISONS OF ABT/IT AND DT IN ATM NETWORKS. <i>Journal of the Operations Research Society of Japan</i> , <b>1998</b> , 41, 35-52	0.3	1
77	PERFORMANCE ANALYSIS OF TRAFFIC CONTROL METHODS ON MIXED TRAFFIC CLASSES IN ATM LAN. <i>International Journal of Communication Systems</i> , <b>1996</b> , 9, 23-33	1.7	1
76	Evaluation of end-to-end performance for data traffic in ATM networks. <i>Electronics and Communications in Japan</i> , <b>1993</b> , 76, 37-49		1
75	Bio-inspired Analysis of Symbiotic Networks <b>2007</b> , 204-213		1
74	Multi-ISP Cooperative Cache Sharing for Saving Inter-ISP Transit Cost in Content Centric Networking. <i>IEICE Transactions on Communications</i> , <b>2015</b> , E98.B, 621-629	0.5	1
73	Fast Repairing from Large-Scale Failure Using Hierarchical SDN Controllers. <i>IEICE Transactions on Communications</i> , <b>2015</b> , E98.B, 2269-2279	0.5	1
72	SCTP Tunneling: Flow Aggregation and Burst Transmission to Save Energy for Multiple TCP Flows over a WLAN. <i>IEICE Transactions on Communications</i> , <b>2013</b> , E96.B, 2615-2624	0.5	1
71	Self-Organizing Name Resolution System in a Small World. <i>IEICE Transactions on Communications</i> , <b>2014</b> , E97.B, 2606-2615	0.5	1
70	Analysis of Blacklist Update Frequency for Countering Malware Attacks on Websites. <i>IEICE Transactions on Communications</i> , <b>2014</b> , E97.B, 76-86	0.5	1
69	An Improvement of Service Qualities by Edge Computing in Network-oriented Mixed Reality Application <b>2019</b> ,		1
68	Hierarchical Optimal Control Method for Controlling Large-Scale Self-Organizing Networks. <i>ACM Transactions on Autonomous and Adaptive Systems</i> , <b>2018</b> , 12, 1-23	1.2	1
67	A Sensor Network Protocol for Automatic Meter Reading in an Apartment Building <b>2008</b> , 173-184		1
66	Percolation analysis for constructing a robust modular topology based on a binary-dynamics model. <i>International Journal of Distributed Sensor Networks</i> , <b>2017</b> , 13, 155014771770114	1.7	0

65	Bounded-delay and loss-free guarantees for real-time video in integrated services packet networks. <i>International Journal of Communication Systems</i> , <b>2000</b> , 13, 51-77	1.7	o
64	Analysis and modeling of WWW traffic characteristics with document caching for designing an internet access network. <i>Electronics and Communications in Japan</i> , <b>1999</b> , 82, 25-34		o
63	Performance evaluation of layered communication protocol. <i>Electronics and Communications in Japan</i> , <b>1991</b> , 74, 13-25		o
62	Placement of Virtual Storages for Distributed Robust Cloud Storage. <i>IEICE Transactions on Communications</i> , <b>2016</b> , E99.B, 885-893	0.5	o
61	Effectiveness of Overlay Routing Based on Delay and Bandwidth Information. <i>IEICE Transactions on Communications</i> , <b>2009</b> , E92-B, 1222-1232	0.5	o
60	Proposal and Evaluation of a Function-Distributed Mobility Architecture for the Future Internet. <i>IEICE Transactions on Communications</i> , <b>2011</b> , E94-B, 1952-1963	0.5	o
59	Evaluation of Effect of Network Energy Consumption in Load Distribution across Data Centers. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , <b>2012</b> , 501-517	0.2	o
58	Lightweight Boolean Network Tomography Based on Partition of Managed Networks. <i>Journal of Network and Systems Management</i> , <b>2018</b> , 26, 284-313	2.1	o
57	Platform Utilizing Similar Users Data to Detect Anomalous Operation of Home IoT Without Sharing Private Information. <i>IEEE Access</i> , <b>2021</b> , 9, 130615-130626	3.5	o
56	Autonomous and distributed mobility management in mobile core networks. <i>Wireless Networks</i> , <b>2017</b> , 23, 2093-2110	2.5	
55	Energy Saving Through a Buffer Control Approach for a Data Center Network With Hybrid Optoelectronic Routers. <i>Journal of Optical Communications and Networking</i> , <b>2016</b> , 8, 462	4.1	
54	An evolvable network design approach with topological diversity. <i>Computer Communications</i> , <b>2016</b> , 76, 101-110	5.1	
53	A predictive mechanism for enhancing adaptability of self-organised routing. <i>International Journal of Bio-Inspired Computation</i> , <b>2014</b> , 6, 384	2.9	
52	Adaptive TTL Control to Minimize Resource Cost in Hierarchical Caching Networks. <i>IEICE Transactions on Information and Systems</i> , <b>2015</b> , E98.D, 565-577	0.6	
51	Free-Energy-Based Design Policy for Robust Network Control against Environmental Fluctuation. <i>Scientific World Journal, The</i> , <b>2015</b> , 2015, 464031	2.2	
50	Mobility Tolerant Firework Routing for Improving Reachability in MANETs. <i>Future Internet</i> , <b>2014</b> , 6, 171-189	3.9	
49	Exploiting SCTP Multistreaming to Reduce Energy Consumption of Multiple TCP Flows over a WLAN. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , <b>2013</b> , 102-111	0.2	
48	A Design Approach for Controlled Self-Organization-Based Sensor Networks Focused on Control Timescale. <i>International Journal of Distributed Sensor Networks</i> , <b>2013</b> , 9, 463605	1.7	

- 47 A Method to Reduce Inter-ISP Transit Cost Caused by Overlay Routing Based on End-to-End Network Measurement. *IEICE Transactions on Information and Systems*, **2013**, E96.D, 289-302 0.6
- 46 Comparison of robustness of time synchronisation in sensor networks. *International Journal of Autonomous and Adaptive Communications Systems*, **2011**, 4, 202 0.6
- 45 Introduction of the Parameter "Approach Ratio" for the Improvement of Higher Delivery Rate with Suppressing Network Resource Consumption in Delay Tolerant Network. *IEICE Transactions on Communications*, **2011**, E94-B, 1669-1679 0.5
- 44 Node pacing for small optical RAM-buffered packet-switching networks. *Photonic Network Communications*, **2011**, 22, 172-179 1.7
- 43 An energy-efficient self-organizing global extremity reporting scheme for sensor networks. *Wireless Communications and Mobile Computing*, **2009**, 9, 543-555 1.9
- 42 A transport-layer approach for improving thin-client performance in a WAN environment. *International Journal of Internet Protocol Technology*, **2011**, 6, 172 0.3
- 41 Evaluation of Free-Riding Traffic Problem in Overlay Routing and Its Mitigation Method. *IEICE Transactions on Communications*, **2009**, E92-B, 3774-3783 0.5
- 40 Performance analysis of backpressure congestion control: Preliminary case. *Electronics and Communications in Japan*, **1997**, 80, 24-34
- 39 Rate control of MPEG-2 video traffic over ATM DBR service with bandwidth renegotiation. *Electronics and Communications in Japan*, **1998**, 81, 36-46
- 38 A cooperation mechanism for pure P2P file-sharing networks to improve application-level QoS **2006**, 6387, 43
- 37 Virtual fully connected WDM network: A high-performance single-hop architecture for metropolitan area networks. *Optical Switching and Networking*, **2006**, 3, 24-40 1.6
- 36 Which provides better utility for users, best-effort service or reservation-based service?. *Electronics and Communications in Japan*, **2002**, 85, 11-21
- 35 Performance evaluation of TCP throughput with consideration of lower-layer protocols for wireless cellular networks. *Electronics and Communications in Japan*, **2003**, 86, 29-39
- 34 Performance evaluation of TCP over ABT protocols. *Electronics and Communications in Japan*, **2003**, 86, 97-104
- 33 Performance modeling and evaluation of Web systems with proxy caching. *Electronics and Communications in Japan*, **2003**, 86, 94-106
- 32 Performance evaluation of all-optical network with limited-range wavelength conversion: The case of multiple fibers on a link. *Electronics and Communications in Japan*, **2003**, 86, 92-100
- 31 Performance improvement of ABT protocols with combined bandwidth/buffer reservation. *Performance Evaluation*, **2001**, 46, 255-274 1.2
- 30 Comparison of VBR and CBR service classes for MPEG-2 video multiplexing: Is statistical multiplexing really useful for bursty video transmission?. *International Journal of Communication Systems*, **2001**, 14, 105-121 1.7

29 Performance modeling and evaluation of web server systems. *Electronics and Communications in Japan*, **2000**, 83, 12-23

28 Performance evaluation of TCP over ABT protocols **1998**, 3530, 423

27 Comparative evaluation of band management systems considering multichannels in atm networks. *Electronics and Communications in Japan*, **1994**, 77, 15-24

26 Performance evaluation of file transfer under multimedia environment in atm networks. *Electronics and Communications in Japan*, **1994**, 77, 46-61

25 Usage parameter control employing a tagging method. *Electronics and Communications in Japan*, **1994**, 77, 14-26

24 Effect of timeout retransmissions on end-to-end delay in packet switching networks. *Electronics and Communications in Japan*, **1992**, 75, 13-21

23 Design algorithm for survival of fiber optic networks. *Electronics and Communications in Japan*, **1992**, 75, 1-15

22 Performance analysis of end-to-end transfer delays for multipacket messages in packet-switching networks. *Electronics and Communications in Japan*, **1992**, 75, 38-49

21 Evaluation of input traffic control in atm networks. *Electronics and Communications in Japan*, **1993**, 76, 11-22

20 Survey on traffic control in atm networks based on traffic theory. *Electronics and Communications in Japan*, **1990**, 73, 28-41

19 Proposal and Evaluation of a Rendezvous-based Adaptive Communication Protocol for Large-scale Wireless Sensor Networks **2008**, 161-172

18 Proof Test of Chaos-Based Hierarchical Network Control Using Packet-Level Network Simulation. *IEICE Transactions on Communications*, **2016**, E99.B, 402-411 0.5

17 Prediction-Based Cloud Bursting Approach and Its Impact on Total Cost for Business-Critical Web Systems. *IEICE Transactions on Communications*, **2017**, E100.B, 2007-2016 0.5

16 A Study on Adaptive Scheduling Priority Control for Layered Cell Configuration. *IEICE Transactions on Communications*, **2017**, E100.B, 372-379 0.5

15 Biologically Inspired Network Architecture for Future Networks. *Proceedings in Information and Communications Technology*, **2010**, 34-41

14 Dynamics of Feedback-Induced Packet Delay in ISP Router-Level Topologies. *IEICE Transactions on Communications*, **2012**, E95.B, 2785-2793 0.5

13 Analyzing and Utilizing the Collaboration Structure for Reliable Router-Level Networks. *IEICE Transactions on Communications*, **2012**, E95.B, 2013-2021 0.5

12 Power Consumption Evaluation of Distributed Computing Network Considering Traffic Locality. *IEICE Transactions on Communications*, **2012**, E95.B, 2538-2548 0.5

11 TCP Symbiosis **2012**, 104-131

- 10 An Application-Level Routing Method with Transit Cost Reduction Based on a Distributed Heuristic Algorithm. *IEICE Transactions on Communications*, **2013**, E96.B, 1481-1491 0.5
- 9 A Distributed Mechanism for Probing Overlay Path Bandwidth Using Local Information Exchange. *IEICE Transactions on Communications*, **2014**, E97.B, 981-995 0.5
- 8 Proposal and Evaluation of Attractor Perturbation-Based Rate Control for Stable End-to-End Delay. *Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering*, **2014**, 18-32 0.2
- 7 Characteristic Analysis of Response Threshold Model and Its Application for Self-organizing Network Control. *Lecture Notes in Computer Science*, **2014**, 27-38 0.9
- 6 Analysis of Coupling Effect of Layered Network Control. *IEICE Proceeding Series*, **2014**, 1, 727-730
- 5 Modularity Structure and Traffic Dynamics of ISP Router-level Topologies. *IEICE Proceeding Series*, **2014**, 1, 94-97
- 4 An Attractor Perturbation-Based Traffic Distribution Method and Its Practical Experiments. *IEICE Proceeding Series*, **2014**, 2, 350-353
- 3 A Distributed Control of Virtual Network Topologies by Using Attractor Selection Model. *IEICE Proceeding Series*, **2014**, 1, 731-734
- 2 . *IEEE Access*, **2020**, 8, 166294-166303 3.5
- 1 Mitigation of Flash Crowd in Web Services By Providing Feedback Information to Users. *IEICE Transactions on Information and Systems*, **2021**, E104.D, 63-75 0.6