List of Publications by Year in descending order

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Μλολνικι Μιιρλτλ

#	Article	IF	CITATIONS
1	Challenging issues in visual sensor networks. IEEE Wireless Communications, 2009, 16, 44-49.	6.6	154
2	Rate-based congestion control for ATM networks. Computer Communication Review, 1995, 25, 60-72.	1.5	129
3	Attractor selection and perturbation for robust networks in fluctuating environments. IEEE Network, 2010, 24, 14-18.	4.9	121
4	Analysis of interdeparture processes for bursty traffic in ATM networks. IEEE Journal on Selected Areas in Communications, 1991, 9, 468-476.	9.7	91
5	Versatile optical code-based MPLS for circuit, burst, and packet switchings. Journal of Lightwave Technology, 2003, 21, 2753-2764.	2.7	91
6	Biologically inspired self-adaptive multi-path routing in overlay networks. Communications of the ACM, 2006, 49, 62-67.	3.3	81
7	CATT. , 2012, , .		80
8	Adaptive Virtual Network Topology Control Based on Attractor Selection. Journal of Lightwave Technology, 2010, 28, 1720-1731.	2.7	68
9	Analysis of a discrete-time single-server queue with bursty inputs for traffic control in ATM networks. IEEE Journal on Selected Areas in Communications, 1990, 8, 447-458.	9.7	63
10	Anomaly Detection in Smart Home Operation From User Behaviors and Home Conditions. IEEE Transactions on Consumer Electronics, 2020, 66, 183-192.	3.0	51
11	High-speed buffer management for 40 gb/s-based photonic packet switches. IEEE/ACM Transactions on Networking, 2006, 14, 191-204.	2.6	47
12	Performance analysis of wavelength assignment policies in all-optical networks with limited-range wavelength conversion. IEEE Journal on Selected Areas in Communications, 1998, 16, 1051-1060.	9.7	46
13	A distributed clustering method for energy-efficient data gathering in sensor networks. International Journal of Wireless and Mobile Computing, 2006, 1, 113.	0.1	43
14	Gradually Reconfiguring Virtual Network Topologies Based on Estimated Traffic Matrices. IEEE/ACM Transactions on Networking, 2010, 18, 177-189.	2.6	41
15	A perspective on photonic multiprotocol label switching. IEEE Network, 2001, 15, 56-63.	4.9	37
16	Adaptive Playout Buffer Algorithm for Enhancing Perceived Quality of Streaming Applications. Telecommunication Systems, 2004, 25, 259-271.	1.6	36
17	Traffic prediction for dynamic traffic engineering. Computer Networks, 2015, 85, 36-50.	3.2	36
18	Genetic algorithms for feature selection when classifying severe chronic disorders of consciousness. PLoS ONE, 2019, 14, e0219683.	1.1	35

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19	Variable-bandwidth optical paths: comparison between optical code-labelled path and OCDM path. Journal of Lightwave Technology, 2006, 24, 3563-3573.	2.7	34
20	Oscillation Model for Describing Network Dynamics Caused by Asymmetric Node Interaction. IEICE Transactions on Communications, 2018, E101.B, 123-136.	0.4	32
21	Biological principles for future internet architecture design. , 2011, 49, 44-52.		31
22	Next Generation Intra-Vehicle Backbone Network Architectures. , 2021, , .		29
23	Two-layer modeling for local area networks. IEEE Transactions on Communications, 1988, 36, 1022-1034.	4.9	28
24	CATT: Cache aware target identification for ICN. , 2012, 50, 60-67.		27
25	Evolvable Virtual Network Function Placement Method: Mechanism and Performance Evaluation. IEEE Transactions on Network and Service Management, 2019, 16, 27-40.	3.2	27
26	Heuristic algorithm for allocation of wavelength convertible nodes and routing coordination in all-optical networks. Journal of Lightwave Technology, 1999, 17, 535-545.	2.7	26
27	QoS-Aware Frequency-Based 4G+Relative Authentication Model for Next Generation LTE and Its Dependent Public Safety Networks. IEEE Access, 2017, 5, 21977-21991.	2.6	25
28	Energy-Efficient Receiver-Driven Wireless Mesh Sensor Networks. Sensors, 2011, 11, 111-137.	2.1	24
29	Fairness and stability of congestion control mechanisms of TCP. Telecommunication Systems, 2000, 15, 167-184.	1.6	22
30	Improving TCP handoff performance in Mobile IP based networks. Computer Communications, 2002, 25, 635-646.	3.1	22
31	Controlled and self-organized routing for large-scale wireless sensor networks. ACM Transactions on Sensor Networks, 2013, 10, 1-27.	2.3	22
32	A design of an ICN architecture within the framework of SDN. , 2015, , .		22
33	Gradually Reconfiguring Virtual Network Topologies Based on Estimated Traffic Matrices. , 2007, , .		21
34	Application of evolutionary mechanism to dynamic Virtual Network Function Placement. , 2016, , .		21
35	Robustness and efficiency in interconnected networks with changes in network assortativity. Applied Network Science, 2017, 2, 6.	0.8	21
36	Survey of switching techniques in highâ€speed networks and their performance. International Journal of Satellite Communications and Networking, 1991, 9, 285-303.	0.6	20

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37	Photonic access node using optical code-based label processing and its applications to optical data networking. Journal of Lightwave Technology, 2001, 19, 1401-1415.	2.7	20
38	Architecture design and performance evaluation of multigranularity optical networks based on optical code division multiplexing. Journal of Optical Networking, 2006, 5, 1028.	2.5	20
39	Energy efficient self-organizing control for wireless sensor networks inspired by calling behavior of frogs. Computer Communications, 2012, 35, 661-669.	3.1	20
40	Potential based routing as a secondary best-effort routing for Information Centric Networking (ICN). Computer Networks, 2013, 57, 3154-3164.	3.2	20
41	Joint Bearer Aggregation and Control-Data Plane Separation in LTE EPC for Increasing M2M Communication Capacity. , 2015, , .		20
42	Performance analysis of nonblocking packet switch with input and output buffers. IEEE Transactions on Communications, 1992, 40, 1294-1297.	4.9	18
43	Proportional rate-based congestion control under long propagation delay. International Journal of Communication Systems, 1995, 8, 79-89.	1.6	18
44	Self-Organized Data-Gathering Scheme for Multi-Sink Sensor Networks Inspired by Swarm Intelligence. , 2007, , .		18
45	Performance evaluation of intermittent receiver-driven data transmission on wireless sensor networks. , 2009, , .		18
46	Reaction-diffusion based autonomous control of wireless sensor networks. International Journal of Sensor Networks, 2010, 7, 189.	0.2	18
47	Resilient Multi-path Routing Based on a Biological Attractor Selection Scheme. Lecture Notes in Computer Science, 2006, , 48-63.	1.0	18
48	A Bio-Inspired Robust Routing Protocol for Mobile Ad Hoc Networks. , 2007, , .		17
49	Autonomous and adaptive resource allocation among multiple nodes and multiple applications in heterogeneous wireless networks. Journal of Computer and System Sciences, 2012, 78, 1673-1685.	0.9	17
50	Integrated silicon photonic device design by attractor selection mechanism based on artificial neural networks: optical coupler and asymmetric light transmitter. Optics Express, 2018, 26, 29032.	1.7	17
51	Virtual Network Reconfiguration for Reducing Energy Consumption in Optical Data Centers. Journal of Optical Communications and Networking, 2014, 6, 925.	3.3	16
52	Peer-to-Peer vs.ÂClient/Server: Reliability and Efficiency of a Content Distribution Service. , 2007, , 1161-1172.		16
53	A Traveling Wave based Communication Mechanism for Wireless Sensor Networks. Journal of Networks, 2007, 2, .	0.4	16
54	Autonomy in excitation transfer via optical near-field interactions and its implications for information networking. Nano Communication Networks, 2011, 2, 189-195.	1.6	15

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55	Design Method of Logical Topologies with Quality of Reliability in WDM Networks. Photonic Network Communications, 2003, 5, 107-121.	1.4	14
56	Network-Adaptive Image and Video Transmission in Camera-Based Wireless Sensor Networks. , 2007, , .		14
57	Information theoretical analysis of hierarchical nano-optical systems in the subwavelength regime. Journal of the Optical Society of America B: Optical Physics, 2009, 26, 1772.	0.9	14
58	A QoS-aware routing mechanism for multi-channel multi-interface ad-hoc networks. Ad Hoc Networks, 2011, 9, 911-927.	3.4	14
59	Anomaly Detection for Smart Home Based on User Behavior. , 2019, , .		14
60	Proposal for Autonomous Decentralized Structure Formation Based on Local Interaction and Back-Diffusion Potential. IEICE Transactions on Communications, 2012, E95.B, 1529-1538.	0.4	14
61	<title>Proxy caching mechanisms with video quality adjustment</title> ., 2001, , .		13
62	ImTCP: TCP with an inline measurement mechanism for available bandwidth. Computer Communications, 2006, 29, 1614-1626.	3.1	13
63	Stability of virtual network topology control for overlay routing services. Journal of Optical Networking, 2008, 7, 704.	2.5	13
64	Towards Establishing Ambient Network Environment. IEICE Transactions on Communications, 2009, E92-B, 1070-1076.	0.4	13
65	Design Guidelines for New Generation Network Architecture. IEICE Transactions on Communications, 2010, E93-B, 462-465.	0.4	13
66	Analyzing and Modeling Router–Level Internet Topology. Lecture Notes in Computer Science, 2008, , 171-182.	1.0	13
67	Design of wavelength-convertible edge nodes in wavelength-routed networks. Journal of Optical Networking, 2006, 5, 196.	2.5	12
68	WSN17-3: Self-Adaptive Ad-Hoc/Sensor Network Routing with Attractor-Selection. IEEE Global Telecommunications Conference (GLOBECOM), 2006, , .	0.0	12
69	A New Method of Proactive Recovery Mechanism for Large-Scale Network Failures. , 2009, , .		12
70	Frog call-inspired self-organizing anti-phase synchronization for wireless sensor networks. , 2009, , .		12
71	An analysis of energy consumption for TCP data transfer with burst transmission over a wireless LAN. International Journal of Communication Systems, 2015, 28, 1965-1986.	1.6	12
72	End-to-end reliability- and delay-aware scheduling with slot sharing for wireless sensor networks. , 2016, , .		12

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73	Virtual Network Reconfiguration in Elastic Optical Path Networks for Future Bandwidth Allocation. Journal of Optical Communications and Networking, 2016, 8, 633.	3.3	12
74	Proposal and Evaluation of a Cooperative Mechanism for Pure P2P File Sharing Networks. Lecture Notes in Computer Science, 2006, , 33-47.	1.0	12
75	Application of Attractor Selection to Adaptive Virtual Network Topology Control. , 2008, , .		12
76	An analytic solution of the waiting time distribution for the discrete-time GI/G/1 queue. Performance Evaluation, 1991, 13, 87-95.	0.9	11
77	Congestion control for bursty video traffic in ATM networks. Electronics and Communications in Japan, 1992, 75, 13-23.	0.1	11
78	An Ant-based Routing Protocol using Unidirectional Links for Heterogeneous Mobile Ad-Hoc Networks. , 2006, , .		11
79	TCP symbiosis. , 2006, , .		11
80	Reaction-Diffusion Based Topology Self-Organization for Periodic Data Gathering in Wireless Sensor Networks. , 2008, , .		11
81	Energy efficient data caching for content dissemination networks. Journal of High Speed Networks, 2013, 19, 215-235.	0.6	11
82	Self-Organization Based Network Architecture for New Generation Networks. , 2009, , .		10
83	Design and evaluation of a wireless sensor network architecture for urgent information transmission. International Journal of Sensor Networks, 2009, 6, 101.	0.2	10
84	User selfishness vs. file availability in P2P file-sharing systems: Evolutionary game theoretic approach. Peer-to-Peer Networking and Applications, 2010, 3, 17-26.	2.6	10
85	Guest editorial bio-inspired networking. IEEE Journal on Selected Areas in Communications, 2010, 28, 521-523.	9.7	10
86	Spatially-Dispersed Caching in Information-Centric Networking. , 2018, , .		10
87	Bayesian-Based Virtual Network Reconfiguration for Dynamic Optical Networks. Journal of Optical Communications and Networking, 2018, 10, 440.	3.3	10
88	Performance analysis of fast reservation protocols in ATM networks. Performance Evaluation, 1996, 26, 263-287.	0.9	9
89	<title>Allocation of wavelength-convertible nodes and routing in all-optical networks</title> . , 1997, , .		9
90	Trade-off between Reliability and Energy Cost for Content-Rich Data Transmission in Wireless Sensor		9

Networks. , 2006, , .

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91	Simulation studies on router buffer sizing for short-lived and pacing TCP flows. Computer Communications, 2008, 31, 3789-3798.	3.1	9
92	Virtual Wireless Sensor Networks: Adaptive Brain-Inspired Configuration for Internet of Things Applications. Sensors, 2016, 16, 1323.	2.1	9
93	Dispersing Content Over Networks in Information-Centric Networking. IEEE Transactions on Network and Service Management, 2019, 16, 521-534.	3.2	9
94	Separating Predictable and Unpredictable Flows via Dynamic Flow Mining for Effective Traffic Engineering. IEICE Transactions on Communications, 2018, E101.B, 538-547.	0.4	9
95	Output processes of slotted persistent CSMA and CSMA/CD systems. Computer Networks, 1987, 13, 333-346.	1.0	8
96	Scalable and Robust Scheme for Data Gathering in Sensor Networks. Lecture Notes in Computer Science, 2004, , 412-427.	1.0	8
97	Inferring Available Bandwidth of Overlay Network Paths Based on Inline Network Measurement. , 2007, , .		8
98	A Study on Cycle Attack by Multiaccess Interference in Multigranularity OCDM-Based Optical Networks. Journal of Lightwave Technology, 2008, 26, 2064-2074.	2.7	8
99	Proposal and evaluation of a future mobile network management mechanism with attractor selection. Eurasip Journal on Wireless Communications and Networking, 2012, 2012, .	1.5	8
100	Lifetime extension based on residual energy for receiver-driven multi-hop wireless network. Cluster Computing, 2013, 16, 469-480.	3.5	8
101	Flow aggregation for traffic engineering. , 2014, , .		8
102	Traffic Engineering Based on Model Predictive Control. IEICE Transactions on Communications, 2015, E98.B, 996-1007.	0.4	8
103	Network topology selection with multistate neural memories. Expert Systems With Applications, 2015, 42, 3219-3226.	4.4	8
104	Traffic engineering based on stochastic model predictive control for uncertain traffic change. , 2015, , .		8
105	Reducing State Information by Sharing IMSI for Cellular IoT Devices. IEEE Internet of Things Journal, 2016, 3, 1297-1309.	5.5	8
106	Controlling Large-Scale Self-Organized Networks with Lightweight Cost for Fast Adaptation to Changing Environments. ACM Transactions on Autonomous and Adaptive Systems, 2016, 11, 1-26.	0.4	8
107	Drawing Inspiration from Human Brain Networks: Construction of Interconnected Virtual Networks. Sensors, 2018, 18, 1133.	2.1	8
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108 Reaction-Diffusion based Autonomous Control of Camera Sensor Networks. , 2007, , .

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109	"Free-riding" traffic problem in routing overlay networks. , 2007, , .		7
110	Adaptive and Reliable Multi-Path Transmission in Wireless Sensor Networks using Forward Error Correction and Feedback. , 2007, , .		7
111	ACM: A Transmission Mechanism for Urgent Sensor Information. Performance, Computing and Communications Conference (IPCCC), IEEE International, 2007, , .	0.0	7
112	A Self-Organizing Communication Mechanism using Traveling Wave Phenomena for Wireless Sensor Networks. , 2007, , .		7
113	Emergency Communication Services Based on Overlay Networking Technologies. , 2008, , .		7
114	A New TCAM Architecture for Managing ACL in Routers. IEICE Transactions on Communications, 2010, E93-B, 3004-3012.	0.4	7
115	Autonomous and Adaptive Wireless Networking with Bio-inspired Algorithms. , 2011, , .		7
116	A Transport-Layer Solution for Alleviating TCP Unfairness in a Wireless LAN Environment. IEICE Transactions on Communications, 2011, E94-B, 765-776.	0.4	7
117	Data Center Network Topologies Using Optical Packet Switches. , 2012, , .		7
118	Energy efficient content locations for in-network caching. , 2012, , .		7
119	Experimental demonstration of adaptive virtual network topology control mechanism based on SDTN architecture. , 2013, , .		7
120	Traffic prediction for dynamic traffic engineering considering traffic variation. , 2013, , .		7
121	Users' reaction to network quality during web browsing on smartphones. , 2014, , .		7
122	Design of a high-speed content-centric-networking router using content addressable memory. , 2014, ,		7
123	Design and implementation of ICN-enabled IEEE 802.11 access points as nano data centers. Journal of Network and Computer Applications, 2015, 50, 159-167.	5.8	7
124	Analyzing Effect of Edge Computing on Reduction of Web Response Time. , 2016, , .		7
125	Evolutionary core-periphery structure and its application to network function virtualization. Nonlinear Theory and Its Applications IEICE, 2016, 7, 202-216.	0.4	7
126	Cloud bursting approach based on predicting requests for business-critical web systems. , 2017, , .		7

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127	Design and performance evaluation of bearer aggregation method in mobile core network with C/U plane separation. , 2017, , .		7
128	Effects of C/U Plane Separation and Bearer Aggregation in Mobile Core Network. IEEE Transactions on Network and Service Management, 2018, 15, 611-624.	3.2	7
129	Mathematical modelling and application of frog choruses as an autonomous distributed communication system. Royal Society Open Science, 2019, 6, 181117.	1.1	7
130	A Feasibility Evaluation on Name-Based Routing. Lecture Notes in Computer Science, 2009, , 130-142.	1.0	7
131	Performance of token ring networks with a finite capacity bridge. Computer Networks, 1992, 24, 45-64.	1.0	6
132	Performance analysis of fast reservation protocol in ATM networks with arbitrary topologies. Performance Evaluation, 1996, 27-28, 41-69.	0.9	6
133	On the integration of IP routing and wavelength routing in IP over WDM networks. , 2005, , .		6
134	Performance Evaluation of Intercluster Multi-hop Communication Large-Scale Sensor Networks. , 2006, , .		6
135	On routing controls in ISP topologies: A structural perspective. , 2006, , .		6
136	Rate-based pacing for small buffered optical packet-switched networks. Journal of Optical Networking, 2007, 6, 1116.	2.5	6
137	Experiments and considerations on Reaction-Diffusion based Pattern Generation in a Wireless Sensor Network. , 2007, , .		6
138	A Caching Algorithm using Evolutionary Game Theory in a File-Sharing System. Proceedings - International Symposium on Computers and Communications, 2007, , .	0.0	6
139	Error-Tolerant Coverage Control based on Bio-inspired Attractor Selection Model for Wireless Sensor Networks. , 2010, , .		6
140	Potential based routing for ICN. , 2011, , .		6
141	Controlled potential-based routing for large-scale wireless sensor networks. , 2011, , .		6
142	Energy-Aware Cache Management for Content-Centric Networking. , 2013, , .		6
143	Optimization of Light-path Configuration Order in IP over WDM Networks using Fast Traffic Matrix Estimation. , 2014, , .		6
144	Scalable Design Method of Attractors in Noise-Induced Virtual Network Topology Control. Journal of Optical Communications and Networking, 2015, 7, 851.	3.3	6

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145	Separating predictable and unpredictable flows via dynamic flow mining for effective traffic engineering. , 2016, , .		6
146	A control method for autonomous mobility management systems toward 5G mobile networks. , 2017, , .		6
147	Reproducing Popularity Distribution of YouTube Videos. IEEE Transactions on Network and Service Management, 2019, 16, 1100-1112.	3.2	6
148	A Sensor Network Protocol for Automatic Meter Reading in an Apartment Building. , 2008, , 173-184.		6
149	Robust and Resilient Data Collection Protocols for Multihop Wireless Sensor Networks. IEICE Transactions on Communications, 2012, E95.B, 2740-2750.	0.4	6
150	Performance evaluation of HTTP/TCP on asymmetric networks. International Journal of Communication Systems, 1999, 12, 281-296.	1.6	5
151	LLR: A Construction Scheme of a Low-Diameter, Location-Aware, and Resilient P2P Network. , 2006, , .		5
152	Effectiveness of overlay routing based on delay and bandwidth information. , 2007, , .		5
153	A Reaction-Diffusion-Based Coding Rate Control Mechanism for Camera Sensor Networks. Sensors, 2010, 10, 7651-7673.	2.1	5
154	Energy efficient sleep scheduling in wireless sensor networks inspired by satellite behavior of frogs. , 2010, , .		5
155	Non Bandwidth-intrusive Video Streaming over TCP. , 2011, , .		5
156	A Managed Self-Organization of Virtual Network Topology Controls in WDM-based Optical Networks. Journal of Optical Communications, 2011, 32, .	4.0	5
157	Energy efficiency analysis of TCP with burst transmission over a wireless LAN. , 2011, , .		5
158	A virtual network to achieve low energy consumption in optical large-scale datacenter. , 2012, , .		5
159	Analyzing and modeling router-level internet topology and application to routing control. Computer Communications, 2012, 35, 980-992.	3.1	5
160	Virtual Network Reconfiguration With Adaptability to Traffic Changes. Journal of Optical Communications and Networking, 2014, 6, 523.	3.3	5
161	High-Speed Design of Conflictless Name Lookup and Efficient Selective Cache on CCN Router. IEICE Transactions on Communications, 2015, E98.B, 607-620.	0.4	5
162	Analyzing the Evolution and the Future of the Internet Topology Focusing on Flow Hierarchy. Journal of Computer Networks and Communications, 2015, 2015, 1-18.	1.2	5

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163	Priority control based on website categories in edge computing. , 2016, , .		5
164	Improving resiliency against DDoS attacks by SDN and multipath orchestration of VNF services. , 2017, ,		5
165	Hierarchical Model Predictive Traffic Engineering. IEEE/ACM Transactions on Networking, 2018, 26, 1754-1767.	2.6	5
166	An Improvement of Service Qualities by Edge Computing in Network-oriented Mixed Reality Application. , 2019, , .		5
167	A New Congestion Control Mechanism of TCP with Inline Network Measurement. Lecture Notes in Computer Science, 2005, , 109-121.	1.0	5
168	Evaluation of Robustness in Time Synchronization for Sensor Networks. , 2007, , .		5
169	Effectiveness of Overlay Routing Based on Delay and Bandwidth Information. IEICE Transactions on Communications, 2009, E92-B, 1222-1232.	0.4	5
170	Performance analysis for the dynamic virtual path bandwidth control method in ATM networks. International Journal of Communication Systems, 1994, 7, 283-294.	1.6	4
171	<title>Analysis and modeling of World Wide Web traffic for capacity dimensioning of Internet access lines</title> . Proceedings of SPIE, 1997, , .	0.8	4
172	Parameter tuning of rate-based congestion control algorithm for ABR service class in ATM networks. International Journal of Communication Systems, 1998, 11, 103-128.	1.6	4
173	Performance evaluation of multicast routing methods in optical switching networks with multiple wavebands. Electronics and Communications in Japan, 2000, 83, 84-96.	0.1	4
174	On video coding algorithms with application level QoS guarantees. Computer Communications, 2000, 23, 1459-1469.	3.1	4
175	<title>TCP-friendly video transfer</title> ., 2001, , .		4
176	Title is missing!. Photonic Network Communications, 2003, 6, 265-277.	1.4	4
177	Design of Logical Topology with Effective Waveband Usage in IP-over-WDM Networks. Photonic Network Communications, 2006, 11, 151-161.	1.4	4
178	Reaction-diffusion based autonomous control of camera sensor networks. , 2007, , .		4
179	Evaluation of robustness in time synchronization for sensor networks. , 2007, , .		4
180	Node pacing for optical packet switching. , 2008, , .		4

Node pacing for optical packet switching. , 2008, , . 180

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181	An Autonomous Data Gathering Scheme Adaptive to Sensing Requirements for Industrial Environment Monitoring. , 2008, , .		4
182	Self-organizing network architecture for scalable, adaptive, and robust networking. , 2008, , .		4
183	Proposal of a Reaction-Diffusion based Congestion Control Method for Wireless Mesh Networks. International Conference on Advanced Communication Technology, 2008, , .	0.0	4
184	XCP-based transmission control mechanism for optical packet switched networks with very small optical RAM. Photonic Network Communications, 2009, 18, 237-243.	1.4	4
185	Scalable and Density-Aware Measurement Strategies for Overlay Networks. , 2009, , .		4
186	Performance evaluation of a method to reduce inter-ISP transit cost caused by overlay routing. , 2010, , .		4
187	Autonomous Decentralized Mechanism of Structure Formation Adapting to Network Conditions. , 2011, , .		4
188	Lifetime extension based on residual energy for receiver-driven multi-hop wireless network. , 2011, , .		4
189	An Inter-Networking Mechanism with Stepwise Synchronization for Wireless Sensor Networks. Sensors, 2011, 11, 8241-8260.	2.1	4
190	Error-Tolerant and Energy-Efficient Coverage Control Based on Biological Attractor Selection Model in Wireless Sensor Networks. International Journal of Distributed Sensor Networks, 2012, 8, 971014.	1.3	4
191	Cooperative cache sharing among ISPs for reducing inter-ISP transit cost in content-centric networking. , 2014, , .		4
192	Cellular economy in fission yeast cells continuously cultured with limited nitrogen resources. Scientific Reports, 2015, 5, 15617.	1.6	4
193	Investigating structure of modern web traffic. , 2015, , .		4
194	Statistical Approximation of Efficient Caching Mechanisms for One-Timers. IEEE Transactions on Network and Service Management, 2015, 12, 595-604.	3.2	4
195	Optimizing Cache Location and Route on CDN Using Model Predictive Control. , 2015, , .		4
196	Mobile Network Architectures and Context-Aware Network Control Technology in the IoT Era. IEICE Transactions on Communications, 2018, E101.B, 2083-2093.	0.4	4
197	On the Use of Naming Scheme for Controlling Flying Router in Information Centric Networking. , 2018, , .		4
198	Compact CAR: Low-Overhead Cache Replacement Policy for an ICN Router. IEICE Transactions on Communications, 2018, E101.B, 1366-1378.	0.4	4

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199	<title>Video streaming systems with cooperative caching mechanisms</title> . , 2002, , .		4
200	Media Streaming on P2P Networks with Bio-inspired Cache Replacement Algorithm. Lecture Notes in Computer Science, 2004, , 380-395.	1.0	4
201	Evaluation of end-to-end performance for data traffic in ATM networks. Electronics and Communications in Japan, 1993, 76, 37-49.	0.1	3
202	<title>Design methods of multilayer survivability in IP over WDM networks</title> . , 2000, 4233, 279.		3
203	Incremental capacity dimensioning for reliable IP-over-WDM networks. , 2001, , .		3
204	<title>Designing a delay-based adaptive congestion control mechanism using control theory and system identification for TCP/IP networks</title> . , 2002, , .		3
205	<title>Performance analysis of prioritized buffer management in photonic packet switches for DiffServ assured forwarding</title> . , 2002, , .		3
206	Effective methods for scalable and continuous media streaming on peer-to-peer networks. European Transactions on Telecommunications, 2004, 15, 549-558.	1.2	3
207	Toward bio-inspired network robustness - Step 1. Modularity. , 2007, , .		3
208	A Communication Mechanism using Traveling Wave Phenomena for Wireless Sensor Networks. , 2007, ,		3
209	A New Approach for Discovering and Quantifying Hierarchical Structure of Complex Networks. , 2008, , .		3
210	Bio-inspired layered clustering scheme for self-adaptive control in wireless sensor networks. , 2009, ,		3
211	Layered Attractor Selection for Clustering and Data Gathering in Wireless Sensor Networks. , 2010, , .		3
212	New framework of back diffusion-based autonomous decentralized control and its application to clustering scheme. , 2010, , .		3
213	Adaptive Virtual Network Topology Control in WDM-Based Optical Networks. , 2010, , .		3
214	A Self-Organizing Architecture for Scalable, Adaptive, and Robust Networking. , 2011, , 119-140.		3
215	Modeling and Analysis of Power Consumption in TCP Data Transmission over a Wireless LAN Environment. , 2011, , .		3
216	Optical-Layer Traffic Engineering With Link Load Estimation for Large-Scale Optical Networks. Journal of Optical Communications and Networking, 2012, 4, 38.	3.3	3

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217	Potential-based routing for supporting robust any-to-any communication in wireless sensor networks. Eurasip Journal on Wireless Communications and Networking, 2013, 2013, .	1.5	3
218	Development of onboard LPM-based header processing and reactive link selection for optical packet and circuit integrated networks. , 2014, , .		3
219	Enhancing Convergence with Optimal Feedback for Controlled Self-Organizing Networks. , 2014, , .		3
220	Separation of Background and Foreground Traffic Based on Periodicity Analysis. , 2014, , .		3
221	Abstraction Layer Based Virtual Data Center Architecture for Network Function Chaining. , 2016, , .		3
222	Mobility-controlled flying routers for information-centric networking. , 2018, , .		3
223	Self-Organizing Control Mechanism Based on Collective Decision-Making for Information Uncertainty. ACM Transactions on Autonomous and Adaptive Systems, 2018, 13, 1-21.	0.4	3
224	Reliable Design for a Network of Networks with Inspiration from Brain Functional Networks. Applied Sciences (Switzerland), 2019, 9, 3809.	1.3	3
225	Implementation of a real-time sound source localization method for outdoor animal detection using wireless sensor networks. , 2019, , .		3
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