

Eiji Oki

List of Publications by Year in descending order

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197
papers

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199
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199
docs citations

199
times ranked

830
citing authors

#	ARTICLE	IF	CITATIONS
1	Routing and Spectrum Allocation in Elastic Optical Networks: A Tutorial. IEEE Communications Surveys and Tutorials, 2015, 17, 1776-1800.	39.4	501
2	Fragmentation Problems and Management Approaches in Elastic Optical Networks: A Survey. IEEE Communications Surveys and Tutorials, 2018, 20, 183-210.	39.4	160
3	Route Partitioning Scheme for Elastic Optical Networks With Hitless Defragmentation. Journal of Optical Communications and Networking, 2016, 8, 356.	4.8	58
4	Linear Programming and Algorithms for Communication Networks. , 0, , .		45
5	Defragmentation Scheme Based on Exchanging Primary and Backup Paths in 1+1 Path Protected Elastic Optical Networks. IEEE/ACM Transactions on Networking, 2017, 25, 1717-1731.	3.8	44
6	Gradually Reconfiguring Virtual Network Topologies Based on Estimated Traffic Matrices. IEEE/ACM Transactions on Networking, 2010, 18, 177-189.	3.8	41
7	A subcarrier-slot partition scheme with first-last fit spectrum allocation for elastic optical networks. Computer Networks, 2015, 91, 700-711.	5.1	39
8	A spectrum allocation scheme based on first-last-exact fit policy for elastic optical networks. Journal of Network and Computer Applications, 2016, 68, 164-172.	9.1	38
9	Optimization Model for Backup Resource Allocation in Middleboxes With Importance. IEEE/ACM Transactions on Networking, 2019, 27, 1742-1755.	3.8	37
10	A subcarrier-slot partition scheme for wavelength assignment in elastic optical networks. , 2014, , .		36
11	Dispersion-Adaptive First-Last Fit Spectrum Allocation Scheme for Elastic Optical Networks. IEEE Communications Letters, 2016, 20, 696-699.	4.1	35
12	Robust Optimization Model for Backup Resource Allocation in Cloud Provider. , 2018, , .		29
13	Backup Network Design Against Multiple Link Failures to Avoid Link Capacity Overestimation. IEEE Transactions on Network and Service Management, 2020, 17, 1254-1267.	4.9	27
14	Holding-Time- and Impairment-Aware Shared Spectrum Allocation in Mixed-Line-Rate Elastic Optical Networks. Journal of Optical Communications and Networking, 2019, 11, 322.	4.8	26
15	Recent research progress on spectrum management approaches in software-defined elastic optical networks. Optical Switching and Networking, 2018, 30, 93-104.	2.0	25
16	Backup Resource Allocation Model for Virtual Networks with Probabilistic Protection against Multiple Facility Node Failures. , 2019, , .		24
17	Robust Optimization Model for Primary and Backup Resource Allocation in Cloud Providers. IEEE Transactions on Cloud Computing, 2022, 10, 2920-2935.	4.4	24
18	Proactive Fragmentation Management Scheme Based on Crosstalk-Avoided Batch Processing for Spectrally-Spatially Elastic Optical Networks. IEEE Journal on Selected Areas in Communications, 2021, 39, 2719-2733.	14.0	24

#	ARTICLE	IF	CITATIONS
19	Prioritization of Mobile IoT Data Transmission Based on Data Importance Extracted From Machine Learning Model. IEEE Access, 2019, 7, 93611-93620.	4.2	23
20	PSO: preventive start-time optimization of OSPF link weights to counter network failure. IEEE Communications Letters, 2010, 14, 581-583.	4.1	22
21	Priority-Based Inter-Core and Inter-Mode Crosstalk-Avoided Resource Allocation for Spectrally-Spatially Elastic Optical Networks. IEEE/ACM Transactions on Networking, 2021, 29, 1634-1647.	3.8	22
22	A Real-Time Delay-Sensitive Communication Approach Based on Distributed Processing. IEEE Access, 2017, 5, 20235-20248.	4.2	21
23	Performance evaluation of spectrum allocation policies for elastic optical networks. , 2015, , .		20
24	Virtual Network Function Allocation to Maximize Continuous Available Time of Service Function Chains With Availability Schedule. IEEE Transactions on Network and Service Management, 2021, 18, 1556-1570.	4.9	20
25	F-TPR: fine two-phase IP routing scheme over shortest paths for hose model. IEEE Communications Letters, 2009, 13, 277-279.	4.1	18
26	Optical Carrier Regeneration for Carrier Wavelength Reuse in a Multicarrier Distributed WDM Network. IEEE Photonics Technology Letters, 2010, 22, 808-810.	2.5	18
27	Multiuser MIMO Communication Under Quantized Phase-Only Measurements. IEEE Transactions on Communications, 2016, 64, 1083-1099.	7.8	18
28	Implementation and Testing of Failure Recovery Based on Backup Resource Sharing Model for Distributed Cloud Computing System. , 2018, , .		18
29	Virtual Network Function Placement for Service Chaining by Relaxing Visit Order and Non-Loop Constraints. IEEE Access, 2019, 7, 165399-165410.	4.2	17
30	Dispersion Based Highest-Modulation-First Last-Fit Spectrum Allocation Scheme for Elastic Optical Networks. IEEE Access, 2018, 6, 59907-59916.	4.2	16
31	Performance of Optimal Routing by Pipe, Hose, and Intermediate Models. IEICE Transactions on Communications, 2010, E93-B, 1180-1189.	0.7	15
32	Optimization of OSPF Link Weight to Minimize Worst-Case Network Congestion against Single-Link Failure. , 2011, , .		15
33	Network Service Scheduling With Resource Sharing and Preemption. IEEE Transactions on Network and Service Management, 2020, 17, 764-778.	4.9	15
34	Unavailability-Aware Shared Virtual Backup Allocation for Middleboxes: A Queueing Approach. IEEE Transactions on Network and Service Management, 2021, 18, 2388-2404.	4.9	15
35	A mathematical model for routing in 1+1 protection with network coding for instantaneous recovery. IEICE Communications Express, 2012, 1, 228-233.	0.4	14
36	SDFA: A Service-Driven Fragmentation-Aware Resource Allocation in Elastic Optical Networks. IEEE Transactions on Network and Service Management, 2022, 19, 353-365.	4.9	14

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37	Network coding aware instantaneous recovery scheme based on optimal traffic splitting. IEICE Communications Express, 2012, 1, 28-32.	0.4	13
38	Prioritized Transmission Control of Point Cloud Data Obtained by LIDAR Devices. IEEE Access, 2020, 8, 113779-113789.	4.2	13
39	Memory-memory-memory Clos-network packet switches with in-sequence service. , 2011, , .		12
40	Implementation of smart-OSPF in hybrid software-defined network. , 2014, , .		12
41	Computational time complexity of allocation problem for distributed servers in real-time applications. , 2016, , .		12
42	Master and Slave Controller Assignment Model Against Multiple Failures in Software Defined Network. , 2019, , .		12
43	Participating-Domain Segmentation Based Delay-Sensitive Distributed Server Selection Scheme. IEEE Access, 2019, 7, 20689-20697.	4.2	12
44	Performance of routing and spectrum allocation approaches for multicast traffic in elastic optical networks. Optical Fiber Technology, 2020, 58, 102247.	2.7	12
45	Defragmentation based on route partitioning in 1Â+Â1 protected elastic optical networks. Computer Networks, 2020, 177, 107317.	5.1	12
46	A Green and Robust Optimization Strategy for Energy Saving Against Traffic Uncertainty. IEEE Journal on Selected Areas in Communications, 2016, 34, 1405-1416.	14.0	11
47	Load Balancing Model against Multiple Controller Failures in Software Defined Networks. , 2020, , .		11
48	Backup Allocation Model With Probabilistic Protection for Virtual Networks Against Multiple Facility Node Failures. IEEE Transactions on Network and Service Management, 2021, 18, 2943-2959.	4.9	11
49	Differential delay aware instantaneous recovery scheme with traffic splitting. International Journal of Communication Systems, 2017, 30, e3075.	2.5	10
50	Robust Optimization Model for Probabilistic Protection under Uncertain Virtual Machine Capacity in Cloud. , 2020, , .		10
51	Experiment and Availability Analytical Model of Cloud Computing System Based on Backup Resource Sharing and Probabilistic Protection Guarantee. IEEE Open Journal of the Communications Society, 2020, 1, 700-712.	6.9	10
52	Real-Time Data Selection and Merging for 3D-Image Sensing Network With Multiple Sensors. IEEE Sensors Journal, 2021, 21, 22058-22076.	4.7	10
53	Data-Importance-Aware Bandwidth-Allocation Scheme for Point-Cloud Transmission in Multiple LIDAR Sensors. IEEE Access, 2021, 9, 65150-65161.	4.2	10
54	Highly Energy Efficient Layer-3 Network Architecture Based on Service Cloud and Optical Aggregation Network. IEICE Transactions on Communications, 2011, E94-B, 894-903.	0.7	10

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55	Multuser MIMO Transmission Aided by Massive One-Bit Magnitude Measurements. IEEE Transactions on Wireless Communications, 2016, 15, 7058-7073.	9.2	9
56	Optimization Model for Designing Multiple Virtualized Campus Area Networks Coordinating With Wide Area Networks. IEEE Transactions on Network and Service Management, 2018, 15, 1349-1362.	4.9	9
57	Robust Optimization Model for Probabilistic Protection With Multiple Types of Resources. IEEE Transactions on Network and Service Management, 2021, 18, 4711-4729.	4.9	9
58	Optimization Model for Multiple Backup Resource Allocation With Workload-Dependent Failure Probability. IEEE Transactions on Network and Service Management, 2021, 18, 3733-3752.	4.9	9
59	Optimization of OSPF Link Weights to Counter Network Failure. IEICE Transactions on Communications, 2011, E94-B, 1964-1972.	0.7	9
60	Shared Backup Path Protection-Based Resource Allocation Considering Inter-Core and Inter-Mode Crosstalk for Spectrally-Spatially Elastic Optical Networks. IEEE Communications Letters, 2022, 26, 637-641.	4.1	9
61	Performance comparisons of optimal routing by pipe, hose, and intermediate models. , 2009, , .		8
62	A heuristic routing algorithm for network coding aware 1+1 protection route design for instantaneous recovery. , 2014, , .		8
63	A hybrid instantaneous recovery route design scheme with two different coding aware scenarios. IEICE Communications Express, 2015, 4, 8-13.	0.4	8
64	Optimization approach to lower capacity requirements in backup networks. , 2016, , .		8
65	Cloud Provider Selection Models for Cloud Storage Services to Satisfy Availability Requirements. IEICE Transactions on Communications, 2017, E100.B, 1406-1418.	0.7	8
66	Robust Virtual Network Function Deployment against Uncertain Traffic Arrival Rates. , 2021, , .		8
67	Main and Secondary Controller Assignment With Optimal Priority Policy Against Multiple Failures. IEEE Transactions on Network and Service Management, 2021, 18, 4391-4405.	4.9	8
68	Node-Oriented Traffic Prediction and Scheduling Based on Graph Convolutional Network in Metro Optical Networks. , 2021, , .		8
69	Fine Two-Phase Routing with Traffic Matrix. , 2009, , .		7
70	Re-Configurable Parallel Match Evaluators Applied to Scheduling Schemes for Input-Queued Packet Switches. , 2009, , .		7
71	An Analytical Model of Spectrum Fragmentation in a Two-Service Elastic Optical Link. , 2015, , .		7
72	Reducing the power consumption of hoseémodel networks with bundled links. IET Networks, 2015, 4, 119-127.	1.8	7

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73	Defragmentation Using Reroutable Backup Paths in Toggled 1+1 Path Protected Elastic Optical Networks. , 2018, , .		7
74	Carrier-Scale Packet Processing System Using Interleaved 3D-Stacked DRAM. , 2018, , .		7
75	Survivable Virtual Network Embedding Model with Shared Protection over Elastic Optical Network. , 2019, , .		7
76	Virtual Network Function Allocation in Service Function Chains Using Backups With Availability Schedule. IEEE Transactions on Network and Service Management, 2021, 18, 4294-4310.	4.9	7
77	Robust Virtual Network Function Allocation in Service Function Chains With Uncertain Availability Schedule. IEEE Transactions on Network and Service Management, 2021, 18, 2987-3005.	4.9	7
78	Scalable Active Optical Access Network Using Variable High-Speed PLZT Optical Switch/Splitter. IEICE Transactions on Communications, 2012, E95-B, 730-739.	0.7	7
79	Maximum and Maximal Weight Matching Dispatching Schemes for MSM Clos-Network Packet Switches. IEICE Transactions on Communications, 2010, E93-B, 297-304.	0.7	6
80	Traffic splitting technique using meter table in software-defined network. , 2016, , .		6
81	Optimization Model for Backup Resource Allocation in Middleboxes. , 2018, , .		6
82	Carrier-Scale Packet Processing Architecture Using Interleaved 3D-Stacked DRAM and Its Analysis. IEEE Access, 2019, 7, 75500-75514.	4.2	6
83	Spectrum Fragmentation Management in Elastic Optical Networks. , 2019, , .		6
84	Virtual Network Function Allocation to Maximize Continuous Available Time of Service Function Chains. , 2019, , .		6
85	Optimum Route Design in 1+1 Protection with Network Coding for Instantaneous Recovery. IEICE Transactions on Communications, 2014, E97.B, 87-104.	0.7	6
86	Service Chain Provisioning With Sub-Chain-Enabled Coordinated Protection to Satisfy Availability Requirements. IEEE Transactions on Network and Service Management, 2022, 19, 1629-1649.	4.9	6
87	Resource Allocation Model Against Multiple Failures With Workload-Dependent Failure Probability. IEEE Transactions on Network and Service Management, 2022, 19, 1098-1116.	4.9	6
88	Optical broadcast-and-select network architecture with centralized multi-carrier light source. IEICE Electronics Express, 2008, 5, 796-801.	0.8	5
89	A mathematical model for wavelength assignment in wavelength division multiplexing mesh networks with wavelength reuse. IEICE Communications Express, 2012, 1, 125-130.	0.4	5
90	Preventive start-time optimisation of open shortest path first link weights for hose model. IET Networks, 2014, 3, 143-149.	1.8	5

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91	Performance of a routing and wavelength assignment scheme for an optical carrier-reusable ring network. IET Networks, 2014, 3, 267-274.	1.8	5
92	Implementation of traffic splitting using meter table in software-defined networking. Journal of Engineering, 2017, 2017, 662-665.	1.1	5
93	Optimization of Backup Resource Assignment for Middleboxes. , 2019, , .		5
94	Demonstration of Network Service Header Based Service Function Chain Application with Function Allocation Model. , 2020, , .		5
95	Impairment-aware spectrum allocation in elastic optical networks: A dispersion-sensitive approach. Optical Fiber Technology, 2021, 61, 102431.	2.7	5
96	Scaling and Offloading Optimization in Pre-CORD and Post-CORD Multi-Access Edge Computing. IEEE Transactions on Network and Service Management, 2021, 18, 4503-4516.	4.9	5
97	Spatial Feature-Based Prioritization for Transmission of Point Cloud Data in 3D-Image Sensor Networks. IEEE Sensors Journal, 2021, 21, 23145-23161.	4.7	5
98	Optimization Model for Backup Network Design with Primary and Backup Routing against Multiple Link Failures under Uncertain Traffic Demands. IEICE Transactions on Communications, 2021, E104.B, 378-390.	0.7	5
99	Design of Scheduler Plugins for Reliable Function Allocation in Kubernetes. , 2021, , .		5
100	Jointly Inter-Core XT and Impairment Aware Lightpath Provisioning in Elastic Optical Networks. , 2021, , .		5
101	Resilient Resource Allocation Model in Service Function Chains with Diversity and Redundancy. , 2021, , .		5
102	Heuristic Approach to Distributed Server Allocation with Preventive Start-Time Optimization against Server Failure. IEICE Transactions on Communications, 2021, E104.B, 942-950.	0.7	5
103	Analytical Model of Middlebox Unavailability under Shared Protection Allowing Multiple Backups. IEICE Transactions on Communications, 2021, E104.B, 1147-1158.	0.7	5
104	Adaptive Elastic Spectrum Allocation Based on Traffic Fluctuation Estimate under Time-Varying Traffic in Flexible OFDM-Based Optical Networks. IEICE Transactions on Communications, 2017, E100.B, 962-973.	0.7	5
105	Performance Analysis of Clos-Network Packet Switch with Virtual Output Queues. IEICE Transactions on Communications, 2011, E94-B, 3437-3446.	0.7	5
106	Backup Resource Allocation of Virtual Machines for Probabilistic Protection under Capacity Uncertainty. IEICE Transactions on Communications, 2022, E105.B, 814-832.	0.7	5
107	Optimal Routing by the Intermediate Model-Joining the Pipe and Hose Models-. IEICE Transactions on Communications, 2009, E92-B, 3247-3251.	0.7	4
108	Carrier wavelength reuse of multicarrier distributed OADM Network using optical carrier regeneration. , 2010, , .		4

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109	Scheme to Find k Disjoint Paths in Multi-Cost. , 2011, , .		4
110	Scalability analysis and demonstration of distributed multicarrier reusable network with optical add/drop multiplexers. , 2013, , .		4
111	A routing and wavelength assignment scheme supporting multiple light-source nodes in optical carrier-distributed networks. , 2014, , .		4
112	A heuristic routing algorithm with erasure correcting code based instantaneous recovery technique. , 2014, , .		4
113	Preventive start-time optimization against network failure. , 2014, , .		4
114	Virtual machine selection scheme considering reliability for cloud services. , 2015, , .		4
115	Two-service analytical model for partially-shared elastic optical link spectrum. , 2016, , .		4
116	Packet Processing Architecture Using Last-Level-Cache Slices and Interleaved 3D-Stacked DRAM. IEEE Access, 2020, 8, 59290-59304.	4.2	4
117	Shared backup resource assignment for middleboxes considering server protection capabilities. Computer Networks, 2021, 186, 107734.	5.1	4
118	Load Balancing Model under Multiple Failures with Workload-Dependent Failure Probability. , 2021, , .		4
119	Implementation of Backup Resource Management Controller for Reliable Function Allocation in Kubernetes. , 2021, , .		4
120	Preventive Start-Time Optimization to Determine Link Weights Against Probabilistic Link Failures. IEEE Transactions on Network and Service Management, 2021, 18, 2275-2293.	4.9	4
121	A Scheme to Update OSPF Network Metrics without Loops while Minimizing Routing Instability Duration. IEICE Transactions on Communications, 2012, E95.B, 1423-1426.	0.7	4
122	Application-Centric, Energy-Efficient Network Architecture ACTION, Based on Virtual Optical Slice Core and Deterministic Optical Access Network. Journal of the Optical Society of Korea, 2015, 19, 340-345.	0.6	4
123	Analysis of Space-Space-Space Clos-Network Packet Switch. , 2009, , .		3
124	Enhancing Preventive Start-time Optimization considering both failure and non-failure scenarios. , 2013, , .		3
125	Preventive Start-Time Optimization of Link Weights With Link Reinforcement. IEEE Communications Letters, 2014, 18, 1179-1182.	4.1	3
126	Analysis of flows reduction scheme by adopting two MPLS tags in software-defined network. , 2016, , .		3

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127	A cloud provider selection scheme for cloud storage services. IEICE Communications Express, 2016, 5, 401-406.	0.4	3
128	A coding-aware reliable route design scheme for instantaneous recovery. Telecommunication Systems, 2016, 62, 495-509.	2.5	3
129	Instantaneous recovery route design scheme using multiple coding-aware protection scenarios. Telecommunication Systems, 2017, 64, 75-85.	2.5	3
130	Performance of route partitioning scheme for hitless defragmentation in elastic optical networks. , 2017, , .		3
131	Expected Capacity Guaranteed Routing based on Dynamic Link Failure Prediction. , 2019, , .		3
132	A Span Power Management Scheme for Rapid Lightpath Provisioning and Releasing in Multi-Core Fiber Networks. IEEE/ACM Transactions on Networking, 2019, 27, 734-747.	3.8	3
133	Preventive Start-time Optimization to Determine Link Weights against Multiple Link Failures. , 2019, , .		3
134	Robust Optimization for Probabilistic Protection with Primary and Backup Allocations under Uncertain Demands. , 2021, , .		3
135	Delay-Aware Backup Resource Allocation with Probabilistic Protection for Network Services. , 2021, , .		3
136	Link Weight Optimization Scheme for Link Reinforcement in IP Networks. IEICE Transactions on Communications, 2017, E100.B, 417-425.	0.7	3
137	Estimation of Current Traffic Matrices from Long-Term Traffic Variations. IEICE Transactions on Communications, 2009, E92-B, 171-183.	0.7	3
138	Optimal Primary and Backup Resource Allocation with Workload-Dependent Failure Probability. , 2020, , .		3
139	Robust Optimization for Probabilistic Protection with Multiple Types of Resources in Cloud. , 2020, , .		3
140	Crosstalk-Aware vs. Crosstalk-Avoided Approaches in Spectrally-Spatially Elastic Optical Networks: Which is the Better Choice?. , 2022, , .		3
141	Resilient Virtual Network Function Allocation with Diversity and Fault Tolerance Considering Dynamic Requests. , 2022, , .		3
142	Preventive start-time optimization of OSPF link weights against link failure for hose model. , 2012, , .		2
143	Survivable lightpath provisioning in multi-domain optical networks. , 2014, , .		2
144	Implementing traffic distribution function of smart OSPF in software-defined networking. , 2015, , .		2

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145	Task allocation scheme based on computational and network resources for heterogeneous Hadoop clusters. , 2016, , .		2
146	Lightpath threshold adaptation algorithm for dispersion-adaptive first-last fit spectrum allocation scheme in elastic optical networks. , 2016, , .		2
147	Multi-campus ICT equipment virtualization architecture for cloud and NFV integrated service. , 2017, , .		2
148	Unavailability-aware Shared Virtual Backup Allocation Model for Middleboxes. , 2020, , .		2
149	Approximation Algorithms to Distributed Server Allocation With Preventive Start-Time Optimization Against Server Failure. IEEE Networking Letters, 2021, 3, 191-195.	1.9	2
150	Estimating ADSL Link Capacity by Measuring RTT of Different Length Packets. IEICE Transactions on Communications, 2011, E94-B, 3583-3587.	0.7	2
151	Algorithms for Distributed Server Allocation Problem. IEICE Transactions on Communications, 2020, E103.B, 1341-1352.	0.7	2
152	Spatial-Importance-Based Computation Scheme for Real-Time Object Detection From 3D Sensor Data. IEEE Access, 2022, 10, 5672-5680.	4.2	2
153	Optimal Virtual Network Function Placement in Chains Using Backups with Availability Schedule. , 2020, , .		2
154	Scalable network emulator architecture to support IP+optical network management. , 2010, , .		1
155	Scheduling for input-queued packet switches by a re-configurable parallel match evaluator. IEEE Communications Letters, 2010, 14, 357-359.	4.1	1
156	Resilient optical broadcast-and-select network using centralized multi-carrier light source. , 2010, , .		1
157	Efficient singlecast / multicast method For active optical access network using PLZT high-speed optical switches. , 2010, , .		1
158	Hybrid pump-wavelength configuration for optical packet switch with parametric wavelength converters. , 2011, , .		1
159	Effectual conversion in optical path networks with parametric wavelength converters. IEICE Communications Express, 2012, 1, 66-71.	0.4	1
160	Load-balanced shortest-path-based routing with even traffic splitting. , 2012, , .		1
161	Dynamic pump-wavelength selection for optical packet switch with recursive parametric wavelength conversion. , 2012, , .		1
162	Smart failure insensitive routing: smart failure insensitive routing to enhance resource utilisation and robustness. IET Networks, 2013, 2, 45-52.	1.8	1

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163	Design of IP tunneling for OSPF network to reduce advertising delay. IEICE Communications Express, 2014, 3, 229-234.	0.4	1
164	An Analytical Model of Spectrum Fragmentation in a Two-Service Elastic Optical Link. , 2014, , .		1
165	SudokuWeb: A web-based solver for mathematical puzzles. , 2014, , .		1
166	Performance evaluation of partition scheme with first-last fit spectrum allocation for elastic optical networks. , 2016, , .		1
167	Optimization Model for Designing Multiple Virtualized Campus Area Networks Coordinating with Wide Area Networks. , 2018, , .		1
168	Designing a Hadoop system based on computational resources and network delay for wide area networks. Telecommunication Systems, 2019, 70, 13-25.	2.5	1
169	Approach to problem of minimizing network power consumption based on robust optimization. International Journal of Communication Systems, 2019, 32, e3891.	2.5	1
170	Optimization Model for Primary and Backup Resource Allocation with Workload-Dependent Failure Probability. IEEE Transactions on Network and Service Management, 2021, , 1-1.	4.9	1
171	Analysis of Matching Dynamics of PIM with Multiple Iterations in an Input-Buffered Packet Switch. IEICE Transactions on Communications, 2010, E93-B, 2176-2179.	0.7	1
172	Strengthened preventive start-time optimisation that reduces congestion ratio under no failure scenario. Journal of Engineering, 2016, 2016, 441-443.	1.1	1
173	Performance of throughput-based Q-routing. IEICE Communications Express, 2017, 6, 137-141.	0.4	1
174	Defragmentation with Reroutable Backup Paths in Toggled 1+1 Protection Elastic Optical Networks. IEICE Transactions on Communications, 2020, E103-B, 211-223.	0.7	1
175	Heuristic Approach to Distributed Server Allocation with Preventive Start-Time Optimization against Server Failure. , 2020, , .		1
176	Real-Time Data Allocation Scheme Based on Dynamic Replacement in Burst Photonic Networks. , 2009, , .		0
177	Performance analysis on dynamics of parallel iterative matching in an input-buffered switch. , 2009, , .		0
178	Scalable Network Emulator Architecture for IP Optical Network Management. IEICE Transactions on Communications, 2010, E93-B, 1931-1934.	0.7	0
179	A design method of high-availability and low-optical-loss optical aggregation network architecture. , 2011, , .		0
180	A scheme to maintenance the maximum link load based on load ranking. , 2011, , .		0

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181	Optical Packet Switch with Recursive Parametric Wavelength Conversions. , 2011, , .		0
182	Evaluating tradeoff between PDP and k-FDP algorithms under sharing reliable links. , 2012, , .		0
183	Energy-Efficient Networks with Optimal Traffic Splitting. , 2013, , .		0
184	Design and implementation of a scheme based on link-load ranking to reduce advertisements in OSPF-TE networks. IEICE Communications Express, 2013, 2, 251-256.	0.4	0
185	A mathematical model for network coding aware optimum routing in 1+1 protection for instantaneous recovery with relaxing destination's node degree constraint. IEICE Communications Express, 2013, 2, 512-517.	0.4	0
186	Energy-efficient software defined wireless access point with openflow framework. , 2014, , .		0
187	Delay-sensitive slot allocation method minimizing switching idle time in PLZT optical switch for active optical access network. IEICE Communications Express, 2015, 4, 217-222.	0.4	0
188	Performance of Hitless Defragmentation Scheme in Quasi 1+1 Path Protected Elastic Optical Networks. , 2018, , .		0
189	Defragmentation Considering Link Congestion in Toggled 1+1 Path Protected Elastic Optical Networks. , 2019, , .		0
190	Connection Setup Signaling Scheme with Flooding-Based Path Searching for Diverse-Metric Network. IEICE Transactions on Communications, 2012, E95.B, 2600-2609.	0.7	0
191	Load-Balanced Non-split Shortest-Path-Based Routing with Hose Model and Its Demonstration. IEICE Transactions on Communications, 2013, E96.B, 1130-1140.	0.7	0
192	Network Optimization for Energy Saving Considering Link Failure with Uncertain Traffic Conditions. IEICE Transactions on Communications, 2014, E97.B, 2729-2738.	0.7	0
193	ePec-LDPC HARQ: An LDPC HARQ Scheme with Targeted Retransmission. IEICE Transactions on Communications, 2016, E99.B, 2168-2178.	0.7	0
194	Online parameter tuning of the flow classification method in the energy-efficient data center network "HOLST". Journal of Optical Communications and Networking, 2020, 12, 344.	4.8	0
195	Link-oriented Spectrum Resource Balancing for Hybrid Edge/Cloud Elastic Datacenter Optical Networks. , 2021, , .		0
196	Implementation of Real-time Function Deployment with Resource Migration in Kubernetes. , 2022, , .		0
197	Implementation of Service Function Chain Deployment with Allocation Models in Kubernetes. , 2022, , .		0