## CITATION REPORT List of articles citing

Disjoint paths in a network

DOI: 10.1002/net.3230040204 Networks, 1974, 4, 125-145.

Source: https://exaly.com/paper-pdf/11780919/citation-report.pdf

Version: 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. 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.

#	Paper	IF	Citations
501			23
500	Multipath routing for video unicast over bandwidth-limited networks.		6
499	On optimum path problems. <i>Networks</i> , <b>1976</b> , 6, 287-305	1.6	2
498	A Survey of Methods for Improving Computer Network Reliability and Availability. <b>1977</b> , 10, 42-50		17
497	Analyse und Synthese zuverl\( \text{Siger Netze. 1979, 23, 225-250} \)		
496	Computer-communication network reliability: Trends and issues. <b>1981</b> , 21, 79-95		1
495	The complexity of finding maximum disjoint paths with length constraints. <i>Networks</i> , <b>1982</b> , 12, 277-286	5 1.6	101
494	Shortest-path algorithms: Taxonomy and annotation. <i>Networks</i> , <b>1984</b> , 14, 275-323	1.6	195
493	A quick method for finding shortest pairs of disjoint paths. <i>Networks</i> , <b>1984</b> , 14, 325-336	1.6	464
492	Heuristics for finding a maximum number of disjoint bounded paths. <i>Networks</i> , <b>1984</b> , 14, 531-544	1.6	22
491	Acyclic k-connected subgraphs for distributed alternate routing in communications networks. <b>1988</b> , 22, 181-189		1
490	. <b>1988</b> , 36, 855-859		45
489			4
488	Large fault-tolerant interconnection networks. <b>1989</b> , 5, 107-123		77
487	An algorithm for designing survivable networks. <b>1989</b> , 68, 64-76		23
486			
485	The complexity of finding two disjoint paths with min-max objective function. <b>1990</b> , 26, 105-115		107

484	Graph Algorithms. <b>1990</b> , 525-631	64
483		1
482		14
481	. 1991,	1
480		13
479	. <b>1991</b> , 21, 1060-1070	O
478		3
477	Bounds for the symmetric 2-peripatetic salesman problem. <b>1992</b> , 23, 357-367	21
476	REFORMA - a tool based on PC for telecom network optimization. <b>1992</b> , 3, 485-490	
475	A survey of applications of mathematical programming to circuit-switched network planning problems. <b>1992</b> , 3, 499-515	1
474	Finding disjoint paths with different path-costs: Complexity and algorithms. <i>Networks</i> , <b>1992</b> , 22, 653-6671.6	56
473	Directed Steiner problems with connectivity constraints. <b>1993</b> , 47, 109-128	6
472	Impact of a transmission facility link failure on dynamic call routing circuit-switched networks under various circuit layout policies. <b>1993</b> , 1, 143-169	10
471	. <b>1993</b> , 39, 443-455	51
470	The design of survivable directed networks. <b>1993</b> , 2, 349-377	3
469		21
468	Investigation of a multiple passive sensor tracking algorithm.	1
467	Optimized k-shortest-paths algorithm for facility restoration. <b>1994</b> , 24, 823-834	19

466	•	133
465	. <b>1994</b> , 42, 166-177	27
464	•	32
463	Performance analysis of fast distributed link restoration algorithms. <b>1995</b> , 8, 325-345	8
462	Span-disjoint paths for physical diversity in networks.	14
461	An algorithm for determining the feasibility of SONET/ATM rings in broadband networks.	2
460	. <b>1995</b> , 33, 100-107	2
459	An integrated system for designing minimum cost survivable telecommunications networks. <b>1996</b> , 26, 856-862	20
458	Virtual trees routing protocol for a wireless ATM LAN.	2
457	Price-directive decomposition applied to routing in telecommunication networks. <b>1996</b> , 91, 587-599	1
456	Addressing network survivability issues by finding the K-best paths through a trellis graph.	21
455	Optimal physical diversity algorithms and survivable networks.	37
454	Finding the k Shortest Paths. <b>1998</b> , 28, 652-673	716
453	Resilient authentication using path independence. <b>1998</b> , 47, 1351-1362	45
452	WDM loop-back recovery in mesh networks. <b>1999</b> ,	41
451	DEVIATION ALGORITHMS FOR RANKING SHORTEST PATHS. <b>1999</b> , 10, 247-261	101
450	On network survivability algorithms based on trellis graph transformations.	6
449	An efficient implementation of an algorithm for finding K shortest simple paths. <i>Networks</i> , <b>1999</b> , 34, 88-101	62

448	Redundant trees for preplanned recovery in arbitrary vertex-redundant or edge-redundant graphs. <b>1999</b> , 7, 641-652	181
447	Disjoint Paths in Networks. 1-11	3
446	Dynamic routing of bandwidth guaranteed tunnels with restoration.	117
445	Operations Research at Bell Laboratories through the 1970s: Part II. <b>2000</b> , 48, 351-361	1
444	IP over optical networks: architectural aspects. <b>2000</b> , 38, 94-102	68
443	Protocols for self-organization of a wireless sensor network. <b>2000</b> , 7, 16-27	1094
442	Capacity performance of dynamic provisioning in optical networks. <b>2001</b> , 19, 40-48	48
441		1
440	A theory of tie-set graph and its application to information network management. 2001, 29, 367-379	15
439	Capacity efficient distributed routing of mesh-restored lightpaths in optical networks.	19
438	A heuristic to generate all best partially disjoint paths in a communications network.	О
437	A disjoint path selection scheme with SRLG in GMPLS networks.	3
436	Minimax Models for Diverse Routing. <b>2002</b> , 14, 81-95	4
435	Finding multiple routing paths in wide-area WDM networks.	
434	Integer Programming and Combinatorial Optimization. 2002,	1
433	Design of static resilient WDM mesh networks with multiple heuristic criteria.	11
432	Dynamic expansion of M:N protection groups in GMPLS optical networks.	О
431		16

430	A disjoint path selection scheme with shared risk link groups in GMPLS networks. <b>2002</b> , 6, 406-408	69
429	A fault-tolerant MPLS-based control and communication network for the Lucent LambdaRouter. <b>2002</b> , 6, 153-169	3
428	Optical network design and restoration. <b>2002</b> , 4, 58-84	140
427	Generalized MPLS-based distributed control architecture for automatically switched transport networks. <b>2002</b> , 6, 33-49	2
426	Fast, scalable, and distributed restoration in general mesh optical networks. <b>2002</b> , 6, 67-81	7
425	Dynamic Routing in the ATM-Networks: Problems and Solutions. 2003, 64, 855-885	
424	Optical Networks Magazine, Volume 4, Number 1. <b>2003</b> , 4, 1-116	
423	Optical Networks Magazine, Volume 4, Number 2. <b>2003</b> , 4, 1-104	
422	On the complexity of vertex-disjoint length-restricted path problems. <b>2003</b> , 12, 131	17
421	Link-disjoint paths for reliable QoS routing. 2003, 16, 779-798	55
420	. <b>2003</b> , 8, 3-13	
419	Protecting multicast sessions in WDM optical mesh networks. <b>2003</b> , 21, 884-892	68
418	Provisioning of survivable multicast sessions against single link failures in optical WDM mesh networks. <b>2003</b> , 21, 2587-2594	107
417	Routing and protection in GMPLS networks: from shortest paths to optimized designs. <b>2003</b> , 21, 2828-2838	30
416	The interface between IP and WDM and its effect on the cost of survivability. 2003, 41, 74-79	8
415	·	
414	Note on the problem of partially link disjoint paths.	
413	Dynamic routing of restorable bandwidth-guaranteed tunnels using aggregated network resource usage information. <b>2003</b> , 11, 399-410	71

412	Algorithmic approaches for efficient enumeration of candidate p-cycles and capacitated p-cycle network design.	51
411	Dynamic provisioning of survivable multicast sessions in optical WDM mesh networks.	4
410		7
409	Reconfiguration of identical vehicles in 3D.	
408	Disjoint path algorithms for planar reconfiguration of identical vehicles.	О
407	Routing and design in K-shared networks.	
406	Algorithms for computing QoS paths with restoration. 2003,	21
405	Minimum energy disjoint path routing in wireless ad-hoc networks. 2003,	110
404	The algorithm and simulations for the asynchronous track association. 2003,	
403	Designing operational WDM networks.	O
402	Online traffic engineering in GMPLS networks: From shortest-path to design-based routing. <b>2003</b> , 429-440	
401	Dynamic dual-homing protection in WDM mesh networks. 2004,	1
400	FASTeR: Sub-50 ms shared restoration in mesh networks. <b>2004</b> , 9, 99-110	
399	Diverse routing for shared risk resource groups (SRRG) failures in WDM optical networks.	14
398	On multipath routing using widest pair of disjoint paths.	
397	A restoration software framework for survivable WDM optical networks.	
396	Node-disjoint path routing in wireless networks: tradeoff between path lifetime and total energy. <b>2004</b> ,	1
395		5

394 BIBLIOGRAPHY. **2004**, 679-711

393	Efficient capacity sharing for path protection in meshed optical networks. <b>2004</b> , 3, 152	О
392	Resource-efficient path-protection schemes and online selection of routes in reliable WDM networks. <b>2004</b> , 3, 188	7
391	Transport metropolitan optical networking: evolving trends in the architecture design and computer modeling. <b>2004</b> , 22, 2653-2670	6
390	The disjoint path-pair matrix approach for online routing in reliable WDM networks. 2004,	6
389	Lagrangean relaxation algorithm for disjoint paths with different path costs. 2004,	
388	A Centralized Path Computation System for GMPLS Transport Networks: Design Issues and Performance Studies. <b>2005</b> , 187-194	
387	Finding multiple routing paths in wide-area WDM networks. <b>2005</b> , 28, 811-818	O
386	Balanced paths in acyclic networks: Tractable cases and related approaches. <i>Networks</i> , <b>2005</b> , 45, 104-111.6	11
385	Design of Survivable Networks: A survey. <i>Networks</i> , <b>2005</b> , 46, 1-21	149
384	Building Edge-Failure Resilient Networks. <b>2005</b> , 43, 17-41	6
383	Finding Minimum Energy Disjoint Paths in Wireless Ad-Hoc Networks. <b>2005</b> , 11, 401-417	27
382	Routing of Uncertain Traffic Demands. <b>2005</b> , 6, 283-313	113
381	Wavelength Rerouting in Survivable WDM Networks. <b>2005</b> , 431-442	1
380	Network Traffic Engineering with Varied Levels of Protection in the Next Generation Internet. <b>2005</b> , 99-124	6
379	Performance Evaluation and Planning Methods for the Next Generation Internet. 2005,	О
378	A new approach for establishing pairwise keys for securing wireless sensor networks. <b>2005</b> ,	16
377	Designing fault tolerant ad hoc networks.	2

376	On-line disjoint path routing for network capacity maximization in ad hoc networks.	1
375	Resilient Routing Layers for Network Disaster Planning. <b>2005</b> , 1097-1105	17
374	Routing with partially disjoint shared path (PDSP) protection.	
373	Sensitivity of backup capacity requirements to traffic distribution and resilience constraints.	4
372	Survivable low-cost low-delay multicast trees. 2005,	4
371	Distributed schemes for diverse path computation in multidomain MPLS networks. <b>2005</b> , 43, 138-146	19
370		О
369	K Pairs of Disjoint Paths Algorithm for Protection in WDM Optical Networks.	1
368	Interworking of planning and operation for reliable and cost-effective transport networks.	
367	Algorithms for computing QoS paths with restoration. <b>2005</b> , 13, 648-661	24
366	Minimum cost paths subject to minimum vulnerability for reliable communications.	О
365	Resilient routing layers for recovery in packet networks.	18
364	On maximum available bandwidth through disjoint paths.	1
363	Multipath minimum energy routing in ad hoc network.	2
362	Diverse routing in WDM optical networks with shared risk link group (SRLG) failures.	
361	Advances in QoS path(s) selection problem.	
360	A novel shared segment protection method for guaranteed recovery time.	5
359	Survivable traffic grooming with path protection at the connection level in WDM mesh networks. <b>2005</b> , 23, 2846-2853	25

358	. <b>2005</b> , 23, 3111-3124	13
357	Finding Two Disjoint Paths in a Network with Normalized 🖶 -MIN-SUM Objective Function. <b>2005</b> , 954-963	10
356	. <b>2005</b> , 23, 437-449	16
355	Interference-aware routing in multihop wireless networks using directional antennas.	8
354	Approximating optimal spare capacity allocation by successive survivable routing. 2005, 13, 198-211	84
353	On the complexity of and algorithms for finding the shortest path with a disjoint counterpart. <b>2006</b> , 14, 147-158	42
352	An Improved Approximation Algorithm for Computing Disjoint QoS Paths.	1
351	Energy Efficient Reliable Routing in Wireless Sensor Networks. <b>2006</b> ,	2
350	Constrained shortest link-disjoint paths selection: a network programming based approach. <b>2006</b> , 53, 1174-1187	16
349	Polyhedral Approaches to the Design of Survivable Networks. <b>2006</b> , 367-389	4
349	Polyhedral Approaches to the Design of Survivable Networks. <b>2006</b> , 367-389  Novel heuristic algorithms of candidate p-cycles in mesh WDM networks. <b>2006</b> ,	4
		4
348	Novel heuristic algorithms of candidate p-cycles in mesh WDM networks. <b>2006</b> ,  Evaluation of restoration techniques incorporating optimal principle in WDM optical networks.	2
348	Novel heuristic algorithms of candidate p-cycles in mesh WDM networks. <b>2006</b> ,  Evaluation of restoration techniques incorporating optimal principle in WDM optical networks. <b>2006</b> , 29, 1146-1162	
348 347 346	Novel heuristic algorithms of candidate p-cycles in mesh WDM networks. 2006,  Evaluation of restoration techniques incorporating optimal principle in WDM optical networks. 2006, 29, 1146-1162  Optimum Arrangement of Reliable Label-Switched Paths in MPLS Over Optical Networks. 2006, 31, 29-41	2
348 347 346 345	Novel heuristic algorithms of candidate p-cycles in mesh WDM networks. 2006,  Evaluation of restoration techniques incorporating optimal principle in WDM optical networks. 2006, 29, 1146-1162  Optimum Arrangement of Reliable Label-Switched Paths in MPLS Over Optical Networks. 2006, 31, 29-41  Finding disjoint paths with related path costs. 2006, 12, 83-96	2
348 347 346 345 344	Novel heuristic algorithms of candidate p-cycles in mesh WDM networks. 2006,  Evaluation of restoration techniques incorporating optimal principle in WDM optical networks. 2006, 29, 1146-1162  Optimum Arrangement of Reliable Label-Switched Paths in MPLS Over Optical Networks. 2006, 31, 29-41  Finding disjoint paths with related path costs. 2006, 12, 83-96  Relay node placement in large scale wireless sensor networks. 2006, 29, 490-501  A heuristic approach for combined equipment-planning and routing in multi-layer SDH/WDM	2 12 223

Comparison of capacity requirements for the self-protecting multipath and similar mechanisms in 340 resilient packet networks. Adaptive bandwidth allocation: impact of routing and load balancing on tunnel capacity 339 requirements. OPN07-4: Maximum Survivability using Two Disjoint Paths under Multiple Failures in Mesh 338 4 Networks. 2006, Path Diminution is Unavoidable in Node-Disjoint Multipath Routing with Single Route Discovery. 337 7 A Novel Graph Model for Maximum Survivability in Mesh Networks under Multiple Generic Risks. 336 1 2007. Finding Minimum-Cost Paths with Minimum Sharability. 2007, 335 7 Achieving Shared Protection for Dynamic Multicast Sessions in Survivable Mesh WDM Networks. 19 334 2007, 25, 83-95 Reliable Routing with QoS Guarantees for Multi-Domain IP/MPLS Networks. 2007, 333 33 CoSE: A SRLG-Disjoint Routing Algorithm. 2007, 332 11 New Algorithms for the Minimum-Cost Single-Source Unsplittable Flow Problem. 2007, 331 Research and simulation of ASON survivability testbed. 2007, 330 O Design and provisioning of survivable WDM mesh networks supporting multicast traffic. 2007, 6, 1064 329 Integration of AI and OR Techniques in Constraint Programming for Combinatorial Optimization 328 4 Problems. 2007, On Diverse Routing for Shared Risk Link Groups (SRLGs) in Optical Mesh Networks. 2007, 327 326 Recovery techniques in next generation networks. 2007, 9, 2-17 31 An Approximation Algorithm for Provisioning of Survivable Multicast Sessions in WDM Networks. 325 2007, Provision of connection-specific availability guarantees in communication networks. 2007, 2 324 Dynamic Multicast Protection Algorithms for Reducing Residual Links in WDM Mesh Networks. 323 2007,

322	Enhancing Robustness Under Dual-Link Failures. <b>2007</b> ,	1
321	Protection for adaptive multi-layer traffic engineering. 2007,	3
320	Guaranteed on-demand discovery of node-disjoint paths in ad hoc networks. 2007, 30, 2917-2930	11
319	On-line disjoint path routing for network capacity maximization in energy-constrained ad hoc networks. <b>2007</b> , 5, 272-285	4
318	Minimum latency joint scheduling and routing in wireless sensor networks. <b>2007</b> , 5, 832-843	25
317	Efficient calculation of the most reliable pair of link disjoint paths in telecommunication networks. <b>2007</b> , 181, 1055-1064	11
316	Transmission of layered video streaming via multi-path on ad hoc networks. <b>2007</b> , 34, 155-177	12
315	Achieving resource reduction for protecting multicast sessions in WDM mesh networks. <b>2008</b> , 15, 131-140	3
314	Branch-and-price-and-cut algorithms for solving the reliable h-paths problem. 2008, 42, 443-466	14
313	Scheduling bulk file transfers with start and end times. <b>2008</b> , 52, 1105-1122	16
313	Scheduling bulk file transfers with start and end times. <b>2008</b> , 52, 1105-1122  . <b>2008</b> , 57, 272-282	16 32
312	. <b>2008</b> , 57, 272-282  Impact of routing and wavelength selection strategies on GMPLS-controlled distributed	32
312	. 2008, 57, 272-282  Impact of routing and wavelength selection strategies on GMPLS-controlled distributed restoration. 2008, 7, 388  Experimental evaluation of GMPLS enhanced routing for differentiated survivability in all-optical	32 5
312 311 310	. 2008, 57, 272-282  Impact of routing and wavelength selection strategies on GMPLS-controlled distributed restoration. 2008, 7, 388  Experimental evaluation of GMPLS enhanced routing for differentiated survivability in all-optical networks. 2008, 7, 496  Fault-Tolerant Topology Control for All-to-One and One-to-All Communication in Wireles Networks.	32 5 3
312 311 310 309	. 2008, 57, 272-282  Impact of routing and wavelength selection strategies on GMPLS-controlled distributed restoration. 2008, 7, 388  Experimental evaluation of GMPLS enhanced routing for differentiated survivability in all-optical networks. 2008, 7, 496  Fault-Tolerant Topology Control for All-to-One and One-to-All Communication in Wireles Networks. 2008, 7, 322-331	32 5 3
312 311 310 309 308	. 2008, 57, 272-282  Impact of routing and wavelength selection strategies on GMPLS-controlled distributed restoration. 2008, 7, 388  Experimental evaluation of GMPLS enhanced routing for differentiated survivability in all-optical networks. 2008, 7, 496  Fault-Tolerant Topology Control for All-to-One and One-to-All Communication in Wireles Networks. 2008, 7, 322-331  . 2008,  Cross-layer routing optimization in multirate wireless sensor networks for distributed source	32 5 3 22

304	A Greedy Technique for Finding the Most Reliable Edge-Disjoint-Path-Set in a Network. 2008,	7
303	Survivability: Protection and Restoration. 647-713	
302	. 2009,	6
301	Distributed adaptive diverse routing for voice-over-IP in service overlay networks. <b>2009</b> , 6, 175-189	8
300	Complexity of resilient network optimisation. <b>2009</b> , 20, 701-709	6
299	Resilient multipoint networks based on redundant trees. <b>2009</b> , 14, 113-130	1
298	An effective algorithm for obtaining the minimal cost pair of disjoint paths with dual arc costs. <b>2009</b> , 36, 1670-1682	13
297	SPREAD: Improving network security by multipath routing in mobile ad hoc networks. <b>2009</b> , 15, 279-294	51
296	Privacy-aware routing in sensor networks. <b>2009</b> , 53, 1512-1529	60
295	Finding non-dominated bicriteria shortest pairs of disjoint simple paths. <b>2009</b> , 36, 2892-2898	10
294	Target tracking with incomplete detection. <b>2009</b> , 113, 580-587	20
293	SMSR: A Scalable Multipath Source Routing Protocol for Wireless Sensor Networks. <b>2009</b> , 121-135	1
292	Ubiquitous Intelligence and Computing. 2009,	5
291	Critical Telecommunication Services Modeling in a Transmission System Power Operator. 2009,	1
290	Routing on Shortest Pair of Disjoint Paths with Bandwidth Guaranteed. 2009,	1
289	An Approach to Find Maximal Disjoint Paths with Reliability and Delay Constraints. 2009,	3
288	A survey of inter-domain peering and provisioning solutions for the next generation optical networks. <b>2009</b> , 11, 33-51	45
287	Path diversification: A multipath resilience mechanism. 2009,	30

286 An effective algorithm for obtaining the whole set of minimal cost pairs of disjoint paths with dual arc costs. **2010**, 19, 394-414

285	On the complexity of resilient network design. <i>Networks</i> , <b>2010</b> , 55, 108-118	1.6	20
284	Optimal routing with failure-independent path protection. <i>Networks</i> , <b>2010</b> , 55, 125-137	1.6	10
283	Topology and routing optimization for congestion minimization in optical wireless networks. <b>2010</b> , 7, 95-107		8
282	Failure disjoint paths. <b>2010</b> , 36, 1105-1112		1
281	Load Balancing Optimization of Capacitated Networks with Path Protection. <b>2010</b> , 36, 1249-1256		4
280	A Minimax Method for Finding the k Best Differentiated Paths. 2010, 29, 298-313		29
279	WDM Network Design. <b>2010</b> , 573-628		О
278	Wavelengths and Regenerators Sharing in GMPLS-Controlled WSONs. 2010,		1
277	Design of metro Ethernet networks. <b>2010</b> ,		3
276	. <b>2010</b> , 18, 922-933		17
275	EPenalty: a novel approach to find EDisjoint paths with differentiated path costs. 2010, 14, 354-356		23
274	Graphs and Algorithms in Communication Networks. 2010,		11
273	Multiagent System Technologies. <b>2010</b> ,		
272	. <b>2010</b> , 18, 1436-1449		6
271	An algorithm for finding optimal node-disjoint paths in optical switched networks. <b>2010</b> ,		1
270	. 2010,		1
269	Shared Path Protection in GMPLS networks with limited wavelength conversion capability. <b>2010</b> ,		О

268	Heuristic Algorithm for K-disjoint QoS Routing Problem. <b>2011</b> ,	1
267	SRLG-diverse routing of multiple circuits in a heterogeneous optical transport network. <b>2011</b> ,	1
266	A Polynomial Algorithm for the Vertex Disjoint Min-Min Problem in Planar Graphs. 2011,	
265	SRLG failure-disjoint path pair of min-sum cost in GMPLS networks. <b>2011</b> ,	O
264	. <b>2011</b> , 19, 657-669	40
263	Geographically-sensitive network centrality and survivability assessment. <b>2011</b> ,	3
262	Tracking multiple people under global appearance constraints. 2011,	90
261	Failure Localization for Shared Risk Link Groups in All-Optical Mesh Networks Using Monitoring Trails. <b>2011</b> , 29, 1597-1606	18
260	Anycast Routing for Survivable Optical Grids: Scalable Solution Methods and the Impact of Relocation. <b>2011</b> , 3, 767	25
259	Multiple Object Tracking Using K-Shortest Paths Optimization. <b>2011</b> , 33, 1806-19	636
259 258	Multiple Object Tracking Using K-Shortest Paths Optimization. 2011, 33, 1806-19  . 2011, 60, 341-350	636
258	. <b>2011</b> , 60, 341-350  A Torus-Based 4-Way Fault-Tolerant Backbone Network Architecture for Avionic WDM LANs. <b>2011</b> ,	2
258 257	. <b>2011</b> , 60, 341-350  A Torus-Based 4-Way Fault-Tolerant Backbone Network Architecture for Avionic WDM LANs. <b>2011</b> , 3, 335	2
258 257 256	. 2011, 60, 341-350  A Torus-Based 4-Way Fault-Tolerant Backbone Network Architecture for Avionic WDM LANs. 2011, 3, 335  A shortest cycle for each vertex of a graph. 2011, 111, 1057-1061	2 2 7
258 257 256 255	. 2011, 60, 341-350  A Torus-Based 4-Way Fault-Tolerant Backbone Network Architecture for Avionic WDM LANs. 2011, 3, 335  A shortest cycle for each vertex of a graph. 2011, 111, 1057-1061  Quality of service based protection in optical networks using diversity constraint. 2011, 46, 317-331	2 2 7
258 257 256 255 254	. 2011, 60, 341-350  A Torus-Based 4-Way Fault-Tolerant Backbone Network Architecture for Avionic WDM LANs. 2011, 3, 335  A shortest cycle for each vertex of a graph. 2011, 111, 1057-1061  Quality of service based protection in optical networks using diversity constraint. 2011, 46, 317-331  An efficient algorithm to enable path diversity in link state routing networks. 2011, 55, 1132-1149	2 2 7 4 16

250	Scheme to Find k Disjoint Paths in Multi-Cost. <b>2011</b> ,	3
249	Empirical Evaluation of Multi-Agent Routing Approaches. 2012,	2
248	An algorithm for the shortest pairs of arc-disjoint paths problem. 2012,	
247	Mesh Routing for Error Resilient Delivery of Multiple-Description Coded Image/Video Content. <b>2012</b> ,	
246	Multicriteria movement synchronization scheduling problems and algorithms. <b>2012</b> , 61, 1039-1073	
245	Quantitative Measurement and Design of Source-Location Privacy Schemes for Wireless Sensor Networks. <b>2012</b> , 23, 1302-1311	41
244	A risk-sharing multicast recovery scheme based on redundant trees in optical networks. <b>2012</b> , 123, 1686-1689	)
243	Candidate-cycle-based heuristic algorithm for node-and-link protection of dynamic multicast traffic in optical DWDM networks. <b>2012</b> ,	1
242	A simple IP fast reroute scheme for full coverage. 2012,	9
241	Topological optimization for spare-sharing-based wavelength-routed all-optical networks. <b>2012</b> , 9, 297-313	1
240	MSDP with ACO: A maximal SRLG disjoint routing algorithm based on ant colony optimization. <b>2012</b> , 35, 394-402	15
239	On the complexity of the edge-disjoint minfhin problem in planar digraphs. <b>2012</b> , 432, 58-63	6
238	The backup reprovisioning problem of NEPCs on survivable WDM networks. <b>2012</b> , 18, 121-130	
237	An Open-Source Path Computation Element (PCE) Emulator: Design, Implementation, and Performance. <b>2012</b> , 30, 414-426	5
236	Fast Service Recovery Under Shared Protection in WDM Networks. <b>2012</b> , 30, 84-95	15
235	Complexity of column generation in network design with path-based survivability mechanisms.  Networks, <b>2012</b> , 59, 132-147	33
234	Link Disjoint Paths Using Auxiliary Graph Transformation in WDM Networks. 2013, 38, 2043-2054	
233	On Finding Min-Min Disjoint Paths. <b>2013</b> , 66, 641-653	13

232 Algorithms and Complexity. **2013**,

231	An efficient critical protection scheme for intra-domain routing using link characteristics. <b>2013</b> , 57, 117-133	0
230	On provisioning diverse circuits in heterogeneous multi-layer optical networks. <b>2013</b> , 36, 689-697	5
229	Realization strategies of dedicated path protection: A bandwidth cost perspective. <b>2013</b> , 57, 1974-1990	19
228	Investigating a Junction-Based Multipath Source Routing Algorithm for VANETs. 2013, 17, 600-603	27
227	An Efficient Approximate Algorithm for Disjoint QoS Routing. <b>2013</b> , 2013, 1-9	1
226	Modeling, Simulation and Visual Analysis of Crowds. 2013,	15
225	Complexity of a classical flow restoration problem. <i>Networks</i> , <b>2013</b> , 62, 149-160 1.6	6
224	Path protection with explicit availability constraints for virtual network embedding. 2013,	4
223	Re-identification for Improved People Tracking. <b>2014</b> , 309-330	6
222	Efficient algorithms for scheduling multiple bulk data transfers in inter-datacenter networks. <b>2014</b> , 27, 4144-4165	5
221	Linear time, possibly disjoint path search approach for ethernet based industrial automation networks. <b>2014</b> ,	4
220	A heuristic for widest edge-disjoint path pair lexicographic optimization. 2014,	7
219	DFDP: A Distributed Algorithm for Finding Disjoint Paths in Wireless Sensor Networks with Correctness Guarantee. <b>2014</b> , 10, 258959	6
218	How simple routing algorithms are good for solving RWA problem in survival optical networks?. <b>2014</b> ,	1
217	Evaluation of simple algorithms for solving RWA problem in survivable optical networks. <b>2014</b> ,	О
216	A Trajectory-Based Heuristic to Solve a Three-Objective Optimization Problem for Wireless Sensor Network Deployment. <b>2014</b> , 27-38	2
215	Self-Similar Traffic End-to-End Delay Minimization Multipath Routing Algorithm. <b>2014</b> , 18, 2121-2124	13

214	Air Traffic Control Area Configuration Advisories from Near-Optimal Distinct Paths. <b>2014</b> , 11, 764-784	2
213	A Polynomial-Time Algorithm for Computing Disjoint Lightpath Pairs in Minimum Isolated-Failure-Immune WDM Optical Networks. <b>2014</b> , 22, 470-483	2
212	Multi-Commodity Network Flow for Tracking Multiple People. <b>2014</b> , 36, 1614-27	93
211	Reliable delivery route computation for threshold secret shared content. 2014,	O
210	On shortest single/multiple path computation problems in Fiber-Wireless (FiWi) access networks. <b>2014</b> ,	2
209	Optimised heuristics for a geodiverse routing protocol. <b>2014</b> ,	18
208	Measuring Networkwide Traffic Delay in Schedule Optimization for Work-Zone Planning in Urban Networks. <b>2014</b> , 15, 2595-2604	9
207	Person Re-Identification. 2014,	178
206	Path diversification for future internet end-to-end resilience and survivability. <b>2014</b> , 56, 49-67	43
205	A hybrid rerouting scheme. <b>2014</b> , 56, 69-78	2
204	Automatic Vehicle Trajectory Extraction by Aerial Remote Sensing. <b>2014</b> , 111, 849-858	33
203	Cost-Efficient network improvement to achieve maximum path diversity. 2014,	6
202	A Constrained Time-Dependent K Shortest Paths Algorithm Addressing Overlap and Travel Time Deviation. <b>2015</b> , 4, 371-394	5
201	Survivable routing meets diversity coding. <b>2015</b> ,	6
200	On the dimensioning of survivable optical metro/core networks with dual-homed access. 2015,	
199	Resilient Wireless Sensor Networks Using Topology Control: A Review. <b>2015</b> , 15, 24735-70	14
198	Route Computation for Reliable Delivery of Threshold Secret Shared Content. <b>2015</b> , E98.B, 209-218	
197	Assuming multiobjective metaheuristics to solve a three-objective optimisation problem for Relay Node deployment in Wireless Sensor Networks. <b>2015</b> , 30, 675-687	36

## (2015-2015)

196	Generalized shared protection (GSP): Simulation results and proof of optimality. 2015,	2
195	When Software Defined Networks Meet Fault Tolerance: A Survey. <b>2015</b> , 351-368	14
194	FollowMe: Efficient Online Min-Cost Flow Tracking with Bounded Memory and Computation. 2015,	48
193	Algorithms for Sensor Systems. <b>2015</b> ,	1
192	Energy-efficient barrier coverage in bistatic radar sensor networks. 2015,	5
191	k -Maximally Disjoint Path Routing Algorithms for SDN. <b>2015</b> ,	14
190	A heuristic approach to finding diverse short paths. <b>2015</b> ,	11
189	The k-dissimilar vehicle routing problem. <b>2015</b> , 244, 129-140	33
188	Reoptimization of Dynamic Flexgrid Optical Networks After Link Failure Repairs. 2015, 7, 49	12
187	Instantaneous recovery of unicast connections in transport networks: Routing versus coding. <b>2015</b> , 82, 68-80	18
186	. <b>2015</b> , 23, 908-921	38
185	Analysing GeoPath diversity and improving routing performance in optical networks. <b>2015</b> , 82, 50-67	23
184	Tracking multiple interacting targets in a camera network. <b>2015</b> , 134, 64-73	19
183	Comparison of heuristic methods for the design of edge disjoint circuits. <b>2015</b> , 61, 90-102	1
182	Finding disjoint paths in networks with star shared risk link groups. <b>2015</b> , 579, 74-87	1
181	. <b>2015</b> , 23, 1229-1242	8
180	Multi-tiers route design coordinating QoS-specific K shortest paths over optical network. 2015,	
179	A Survey on Internet Multipath Routing and Provisioning. <b>2015</b> , 17, 2157-2175	71

178	Formation games of reliable networks. <b>2015</b> ,		8
177	Fault-tolerant topology for energy-harvesting heterogeneous wireless sensor networks. 2015,		O
176	Principles of Communication Networks Resilience. <b>2015</b> , 11-43		3
175	Exact and Heuristic Algorithms for Capacitated Vehicle Routing Problems with Quadratic Costs Structure. <b>2015</b> , 27, 658-676		6
174	Performance evaluation of resilience using service relocation for GMPLS networks. 2015,		
173	Improved approximation algorithms for computing (k) disjoint paths subject to two constraints. <b>2015</b> , 29, 153-164		6
172	Internet Optical Infrastructure. 2015,		0
171	. 2016,		13
170	Globally Optimal Text Line Extraction Based on K-Shortest Paths Algorithm. 2016,		2
169	Optimal link-disjoint node-Bomewhat disjoint[þaths. <b>2016</b> ,		3
168	A load balancing technique for efficient survivable multicasting in mesh optical networks. <b>2016</b> , 22, 1-8		4
167	The Bi-Objective k-Dissimilar Vehicle Routing Problem. <b>2016</b> , 306-320		2
166	Protecting virtual networks with DRONE. <b>2016</b> ,		9
165	The Rainbow Cycle Cover Problem. <i>Networks</i> , <b>2016</b> , 68, 260-270	1.6	7
164	Disruption-Free Expansion of Protected Optical Path Networks that Utilize Subsystem Modular OXC Nodes. <b>2016</b> , 8, 476		11
163	Computational Logistics. <b>2016</b> ,		
162	Routing Problems. <b>2016</b> , 53-87		
161	Factorization theory in diameter constrained reliability. <b>2016</b> ,		1

160	Practical Intrusion-Tolerant Networks. <b>2016</b> ,	6
159	Spatiotemporal risk-averse routing. <b>2016</b> ,	7
158	. 2016,	
157	Improved Algorithms for Two Energy-Optimal Routing Problems in Ad-Hoc Wireless Networks. <b>2016</b> ,	1
156	. 2016,	2
155	Energy Efficiency With Sliceable Multi-Flow Transponders and Elastic Regenerators in Survivable Virtual Optical Networks. <b>2016</b> , 64, 2539-2550	36
154	Dedicated Protection for Survivable Virtual Network Embedding. <b>2016</b> , 13, 913-926	41
153	\$k\$-Survivability: Diversity and Survival of Expendable Robots. <b>2016</b> , 1, 1164-1171	4
152	Efficient approximation algorithms for computing k disjoint constrained shortest paths. <b>2016</b> , 32, 144-158	8
151	OFDP: a distributed algorithm for finding disjoint paths with minimum total length in wireless sensor networks. <b>2016</b> , 31, 1623-1641	5
150	Shortest path problem with arc failure scenarios. <b>2017</b> , 6, 139-163	6
149	Multicolour paths in graphs: NP-hardness, algorithms, and applications on routing in WDM networks. <b>2017</b> , 33, 742-778	3
148	Algorithms for determining a node-disjoint path pair visiting specified nodes. 2017, 23, 189-204	14
147	Strategic Formation of Heterogeneous Networks. <b>2017</b> , 35, 751-763	1
146	Spatial Network Big Databases. <b>2017</b> ,	1
145	Spectrum-efficient multipath provisioning with content connectivity for the survivability of elastic optical datacenter networks. <b>2017</b> , 36, 353-365	5
144	A generalized quorum system for asynchronous sleep scheduling in multi-hop wireless networks. <b>2017</b> , 109, 146-161	2
143	. <b>2017</b> , 25, 2308-2319	11

142	Timely, Reliable, and Cost-Effective Internet Transport Service Using Dissemination Graphs. 2017,		7
141	A Stabilizing Algorithm for Finding Two Node-Disjoint Paths in Arbitrary Networks. <b>2017</b> , 28, 411-435		5
140	On fault-tolerant path optimization under QoS constraint in multi-channel wireless networks. <b>2017</b> , 695, 74-82		2
139	Factorization and exact evaluation of the source-terminal diameter-constrained reliability. <i>Networks</i> , <b>2017</b> , 70, 283-291	1.6	2
138	. <b>2017</b> , 14, 631-645		13
137	Diversity coding-based survivable routing with QoS and differential delay bounds. <b>2017</b> , 23, 118-128		4
136	An optimal adaptive stabilizing algorithm for two edge-disjoint paths problem. <b>2017</b> , 73, 1257-1273		
135	Software-defined adaptive survivability for elastic optical networks. <b>2017</b> , 23, 85-96		10
134	Automatic multiple zebrafish larvae tracking in unconstrained microscopic video conditions. <b>2017</b> , 7, 17596		13
133	Camera Calibration by Global Constraints on the Motion of Silhouettes. 2017,		O
132	Multi-modal Mean-Fields via Cardinality-Based Clamping. 2017,		2
131	Performance evaluation of multiple sports player tracking system based on graph optimization. <b>2017</b> ,		O
130	Guaranteeing Traffic Survivability and Latency Awareness in Multilayer Network Design. <b>2017</b> , 9, B53		4
129	Spectrum Continuity and Contiguity based Dedicated Protection for Flexible Optical Networks. <b>2017</b> , 16, 481-493		3
128	Redundancy system design for an aircraft door management system. <b>2018</b> , 94, 11-22		7
127	Multi-constraint QoS disjoint multipath routing in SDN. 2018,		6
126	On a two-phase solution approach for the bi-objective k-dissimilar vehicle routing problem. <b>2018</b> , 24, 515-550		2
125	Routing in Optical Networks, Multilayer Networks, and Overlay Networks. <b>2018</b> , 786-813		

Optimized mesh routing with intermediate recovery for error resilient delivery of MD coded image/video content. 2018, 118, 148-162

Optimal and heuristic network coding algorithms for multi-layered video broadcast. Networks, 2018, 71, 51-59

A Nonintersecting Multipath Routing Protocol for Wireless Sensor Networks. 2018,

1.6

Satellite Multi-Vehicle Tracking under Inconsistent Detection Conditions by Bilevel K-Shortest Paths Optimization. **2018**,

6

OpenSDC: A Novel, Generic Datapath for Software Defined Coalitions. **2018**,

О

118 . 2018,

117 Iterative Discovery of Multiple Disjoint Paths in Switched Networks with Multicast Frames. 2018,

4

Finding Disjoint Paths in Boolean-Valued Networks. 2018,

Identifying Backbones in Three-Dimensional Discrete Fracture Networks: A Bipartite Graph-Based Approach. **2018**, 16, 1948-1968

23

114 FRADIR: A Novel Framework for Disaster Resilience. 2018,

3

Iterative multi-path tracking for video and volume segmentation with sparse point supervision. **2018**, 50, 65-81

7

Minimum-Weight Link-Disjoint Node-Bomewhat Disjoint[Paths. 2018, 26, 1110-1122

8

Evaluation of algorithms for multipath route selection over the Internet. 2018,

1

110 Text Line Extraction Based on Integrated K-Shortest Paths Optimization. 2018,

109

112

111

Charting the Algorithmic Complexity of Waypoint Routing. 2018, 48, 42-48

8

Data Separation Considering Smoothness of Sensing Data in Physical Wireless Parameter Conversion Sensor Networks. **2019**,

107

108

. 2019,

106	Hazardous materials truck transportation problems: A classification and state of the art literature review. <b>2019</b> , 69, 305-328	32
105	Toward a Robust Multi-Objective Metaheuristic for Solving the Relay Node Placement Problem in Wireless Sensor Networks. <b>2019</b> , 19,	7
104	Link Failure Recovery in NFV for 5G and Beyond. <b>2019</b> ,	
103	Shortest-Path Diversification through Network Penalization. <b>2019</b> ,	2
102	Generating 3D Person Trajectories from Sparse Image Annotations in an Intelligent Vehicles Setting. <b>2019</b> ,	O
101	Multi-constraint QoS Disjoint Multipath Routing in SDN. <b>2019</b> , 377-387	
100	The undirected two disjoint shortest paths problem. <b>2019</b> , 47, 70-75	4
99	An efficient Manhattan-distance-constrained disjoint paths algorithm for incomplete mesh network. <b>2019</b> , 31, e4799	
98	Physical layer impairment-aware shared path protection in wavelength-routed optical networks. <b>2020</b> , 76, 5694-5714	2
97	Optimizing Topologies for Probabilistically Secure Multi-Robot Systems. 2020,	1
96	Clustering and Closure Coefficient Based on k-CT Components. <b>2020</b> , 8, 101145-101152	3
95	A Fast Failure Recovery Scheme for Fibbing Networks. <b>2020</b> , 1, 1196-1212	2
94	Finding Minimum-Weight Link-Disjoint Paths with a Few Common Nodes. <b>2020</b> , 34, 938-945	2
93	Optimizing energy and spectrum efficiency of virtual optical network embedding in elastic optical networks. <b>2020</b> , 37, 100568	1
92	Minimum Cost Survivable Routing Algorithms for Generalized Diversity Coding. <b>2020</b> , 28, 289-300	5
91	Route assignment and scheduling with trajectory coordination. <b>2021</b> , 53, 164-181	1
90	A polynomial-time algorithm for user-based relocation in free-floating car sharing systems. <b>2021</b> , 143, 65-85	9
89	Optimal node-disjoint paths in folded hypercubes. <b>2021</b> , 147, 100-107	1

## (2004-2021)

88	On undirected two-commodity integral flow, disjoint paths and strict terminal connection problems. <i>Networks</i> , <b>2021</b> , 77, 559-571	2
87	A novel risk perspective on location-routing planning: An application in cash transportation. <b>2021</b> , 150, 102356	1
86	Towards an Efficient and Exact Algorithm for Dynamic Dedicated Path Protection. 2021, 23,	О
85	LongPhase: an ultra-fast chromosome-scale phasing algorithm for small and large variants.	1
84	Counting People by Estimating People Flows. <b>2021</b> , PP,	2
83	Application of K disjoint shortest paths algorithm in vision recognition. 2021,	
82	Network Reliability and Fault Tolerance.	16
81	Finding Min-Sum Disjoint Shortest Paths from a Single Source to All Pairs of Destinations. <b>2006</b> , 206-216	3
80	Computing disjoint paths with length constraints. <b>1997</b> , 375-389	3
79	Survivable Routing with Dynamic Traffic. <b>2003</b> , 211-245	1
78	RREACT: A Distributed Network Restoration Protocol for Rapid Restoration of Active Communication Trunks. <b>1994</b> , 391-406	1
77	Canine Algorithm for Node Disjoint Paths. <b>2020</b> , 142-148	1
76	Estimating People Flows to Better Count Them in Crowded Scenes. <b>2020</b> , 723-740	8
75	Improved LP-rounding Approximations for the k-Disjoint Restricted Shortest Paths Problem. <b>2014</b> , 94-104	2
74	Maintaining Intruder Detection Capability in a Rectangular Domain with Sensors. <b>2015</b> , 27-40	3
73	Evacuation Route Planning. <b>2017</b> , 57-72	2
72	Algorithms for Provisioning Survivable Multicast Sessions against Link Failures in Mesh Networks. <b>2003</b> , 361-371	5
71	Self-Protecting Multipaths 🖪 Simple and Resource-Efficient Protection Switching Mechanism for MPLS Networks. <b>2004,</b> 526-537	14

70	Necessary Condition for Path Partitioning Constraints. 2007, 141-154	2
69	Fault-Tolerant Routing: k-Inconnected Many-to-One Routing in Wireless Networks. <b>2009</b> , 483-493	1
68	Context-Aware Route Planning. <b>2010</b> , 138-149	15
67	A Polynomial-Time Algorithm for Finding a Minimal Conflicting Set Containing a Given Row. <b>2011</b> , 373-384	3
66	Hardness of Finding Two Edge-Disjoint Min-Min Paths in Digraphs. <b>2011</b> , 300-307	1
65	Brief Announcement: A Stabilizing Algorithm for Finding Two Edge-Disjoint Paths in Arbitrary Graphs. <b>2011</b> , 433-434	4
64	A Dartboard Network Cut Based Approach to Evacuation Route Planning: A Summary of Results. <b>2012</b> , 325-339	7
63	Maximizing the Lifetime of a Sensor Network with Barrier Coverage. <b>2012</b> , 347-354	3
62	Algorithmen zur Berechnung minimaler disjunkter Wege in Netzen. <b>1979</b> , 87-93	1
61	Multi-camera multiple vehicle tracking in urban intersections based on multilayer graphs. <b>2020</b> , 14, 1673-16	90 3
60	Label switched path restoration under two random failures.	5
60 59	Label switched path restoration under two random failures.  Survivable Multicast Routing and Spectrum Assignment in Light-Tree-Based Elastic Optical Networks. 2015,	5
	Survivable Multicast Routing and Spectrum Assignment in Light-Tree-Based Elastic Optical	
59	Survivable Multicast Routing and Spectrum Assignment in Light-Tree-Based Elastic Optical Networks. <b>2015</b> ,	4
59 58	Survivable Multicast Routing and Spectrum Assignment in Light-Tree-Based Elastic Optical Networks. 2015,  An Approach for Finding Multiple Area of Specialization Configuration Advisories. 2013,	1
59 58 57	Survivable Multicast Routing and Spectrum Assignment in Light-Tree-Based Elastic Optical Networks. 2015,  An Approach for Finding Multiple Area of Specialization Configuration Advisories. 2013,  Finding Multiple Length-Bounded Disjoint Paths in Wireless Sensor Networks. 2011, 03, 384-390	1 2
59 58 57 56	Survivable Multicast Routing and Spectrum Assignment in Light-Tree-Based Elastic Optical Networks. 2015,  An Approach for Finding Multiple Area of Specialization Configuration Advisories. 2013,  Finding Multiple Length-Bounded Disjoint Paths in Wireless Sensor Networks. 2011, 03, 384-390  An Overview of Algorithms for Network Survivability. 2012, 2012, 1-19	1 2

Multipath Energy Efficient Routing in Mobile Ad Hoc Network. **2005**, 226-233

51	Network Routing - Pages 724-767. <b>2007</b> , 724-767	
50	Algorithmic Aspects of Minimum Energy Edge-Disjoint Paths in Wireless Networks. 2007, 410-421	1
49	Graphs and Algorithms in Communication Networks on Seven League Boots. <b>2009</b> , 1-59	
48	Subgraphs Generating Algorithm for Obtaining Set of Node-Disjoint Paths in Terrain-Based Mesh Graphs. <b>2010</b> , 398-409	
47	Bibliography. <b>2010</b> , 809-844	O
46	Relaxed Maintenance Protection Architecture by Dynamic Backup Path Configuration. 2011,	
45	Path Problems in Complex Networks. <b>2012</b> , 279-335	
44	Route Computation Method for Secure Delivery of Secret Shared Content. <b>2012</b> , E95.B, 3456-3463	1
43	Exploiting Pedestrian Interaction via Global Optimization and Social Behaviors. 2012, 1-26	
42	Approximation Algorithms for Disjoint st-Paths with Minimum Activation Cost. 2013, 1-12	1
41	Improved Approximation Algorithms for Computing k Disjoint Paths Subject to Two Constraints. <b>2013</b> , 325-336	1
40	Pedestrian Interaction in Tracking: The Social Force Model and Global Optimization Methods. <b>2013</b> , 267-294	3
39	Bibliography. 233-238	
38	Modeling method in the architectural planning of reliable complex health-care systems. 2013, 8, 35-46	
37	OFDP: A Distributed Algorithm for Finding Disjoint Paths with Minimum Total Energy Cost in Wireless Sensor Networks. <b>2014</b> , 694-705	
36	Routing Algorithms. <b>2014</b> , 89-145	
35	Upper and Lower Bounds for the Symmetric 2-Peripatetic Salesman Problem. <b>1992</b> , 307-315	

34	A Lower Bound Based Approach to the Design of Meshed Networks with Protected Transmission Paths. <b>1994</b> , 1445-1453	2
33	Dynamic Survivable Routing with M-Trails. <b>2015</b> , 187-201	
32	Failure Localization Via a Central Controller. <b>2015</b> , 35-116	
31	Planning the Deployment of Indoor Wireless Sensor Networks Through Multiobjective Evolutionary Techniques. <b>2015</b> , 128-139	
30	Exact Algorithms for Finding Partial Edge-Disjoint Paths. <b>2018</b> , 14-25	1
29	Micro Failure Region Models Inducing Massive Correlated Failures on Networks Topologies. <b>2019</b> , 130-141	
28	On Randomized Searching for Multi-robot Coordination. <b>2020</b> , 364-383	
27	Reducing the Gap Between the Conceptual Models of Students and Experts Using Graph-Based Adaptive Instructional Systems. <b>2020</b> , 538-556	2
26	. <b>2021</b> , 1-1	
25	Routing in Post-Disaster Scenarios. <b>2020</b> , 605-628	
24	A Heuristic Algorithm for Finding Attractive Fixed-Length Circuits in Street Maps. <b>2020</b> , 384-395	O
23	Resilient SDN, CDN and ICN Technology and Solutions. <b>2020</b> , 631-652	1
22	Routing and Wavelength (Spectrum) Assignment. <b>2020</b> , 447-484	1
21	Survivability in Optical Networks. 1-26	
20	Protection Survivability Architectures. 27-56	
19	Network Restoration. <b>2006</b> , 801-836	4
18	On Path Selection for Multipath Connection. <b>2007</b> , 513-518	
17	Multicast automatic protection switching in arbitrary redundant graphs.	

16	Heuristic search for one-to-many shortest path queries. <b>2021</b> , 89, 1175-1214	2
15	A Digital Communication Twin for Performance Prediction and Management of Bluetooth Mesh Networks. <b>2021</b> ,	
14	Minsum node-disjoint paths with time-varying delay functions. 1-15	
13	Iterative Message Passing Algorithm for Vertex-disjoint Shortest Paths. <b>2022</b> , 1-1	
12	LongPhase: an ultra-fast chromosome-scale phasing algorithm for small and large variants 2022,	0
11	SplitPath: High throughput using multipath routing in dual-radio Wireless Sensor Networks. <b>2022</b> , 207, 108832	O
10	PMU placement with multi-objective optimization considering resilient communication infrastructure. <b>2022</b> , 141, 108167	О
9	Design of Restricted Disjoint B-Path Algorithm in Dynamic Directed Hypergraph. <b>2022</b> , 11, 1857-1869	
8	On Searching Multiple Disjoint Shortest Paths in Scale-Free Networks with Hyperbolic Geometry. <b>2022</b> , 1-1	
7	Finding fixed-length circuits and cycles in undirected edge-weighted graphs: an application with street networks. <b>2022</b> , 28, 259-285	
6	SDNRCFII: an SDN-based Reliable Communication Framework for Industrial Internet. 2022,	
5	Polynomial-Time Algorithm for the Regional SRLG-disjoint Paths Problem. 2022,	
4	The Complexity of Regular Trail and Simple Path Queries on Undirected Graphs. 2022,	
3	A Multi-path Nonoverlapping Routing Algorithm for Deterministic Networking. 1, 193-199	
2	Relay selection in Bluetooth Mesh networks by embedding genetic algorithms in a Digital Communication Twin. <b>2022</b> ,	
1	Multi-view Tracking Using Weakly Supervised Human Motion Prediction. 2023,	O