Francesco Palmieri

List of Publications by Year
in descending order

194 papers	4,266 citations	126708 33 h-index	161609 54 g-index
196 all docs	196 docs citations	196 times ranked	3921 citing authors

#	Article	IF	Citations
1	Enhancing COVID-19 tracking apps with human activity recognition using a deep convolutional neural network and HAR-images. Neural Computing and Applications, 2023, 35, 13861-13877.	3.2	17
2	Maximum Network Lifetime Problem with Time Slots and coverage constraints: heuristic approaches. Journal of Supercomputing, 2022, 78, 1330-1355.	2.4	5
3	Forecasting Electricity Consumption and Production in Smart Homes through Statistical Methods. Sustainable Cities and Society, 2022, 76, 103426.	5.1	23
4	Privacy-preserving Secure Media Streaming for Multi-user Smart Environments. ACM Transactions on Internet Technology, 2022, 22, 1-21.	3.0	1
5	Gotta CAPTCHA â€™Em All: A Survey of 20 Years of the Human-or-computer Dilemma. ACM Computing Surveys, 2022, 54, 1-33.	16.1	15
6	Artificial neural networks for resources optimization in energetic environment. Soft Computing, 2022, 26, 1779-1792.	2.1	13
7	Effectiveness ofÂVideo-Classification inÂAndroid Malware Detection Through API-Streams andÂCNN-LSTM Autoencoders. Communications in Computer and Information Science, 2022, , 171-194.	0.4	2
8	A federated approach to Android malware classification through Perm-Maps. Cluster Computing, 2022, 25, 2487-2500.	3.5	8
9	DNS tunnels detection via DNS-images. Information Processing and Management, 2022, 59, 102930.	5.4	11
10	Electricity production and consumption modeling through fuzzy logic. International Journal of Intelligent Systems, 2022, 37, 8348-8364.	3.3	6
11	GGA: A modified genetic algorithm with gradient-based local search for solving constrained optimization problems. Information Sciences, 2021, 547, 136-162.	4.0	95
12	Network traffic classification using deep convolutional recurrent autoencoder neural networks for spatialâ€"temporal features extraction. Journal of Network and Computer Applications, 2021, 173, 102890.	5.8	77
13	A Cluster-Based Multidimensional Approach for Detecting Attacks on Connected Vehicles. IEEE Internet of Things Journal, 2021, 8, 12518-12527.	5.5	31
14	Time-Delay Fractional Optimal Control Problems: A Survey Based on Methodology. Lecture Notes in Mechanical Engineering, 2021, , 325-337.	0.3	4
15	Comparison Between Protein-Protein Interaction Networks CD4$$^+$$T and CD8$$^+$$T and a Numerical Approach for Fractional HIV Infection of CD4$$^{+}$$T Cells. Lecture Notes in Computer Science, 2021, , 78-94.	1.0	2
16	Effective classification of android malware families through dynamic features and neural networks. Connection Science, 2021, 33, 786-801.	1.8	28
17	An Empirical Evaluation of Prediction by Partial Matching in Assembly Assistance Systems. Applied Sciences (Switzerland), 2021, 11, 3278.	1.3	10
18	On the undetectability of payloads generated through automatic tools: A humanâ€oriented approach. Concurrency Computation Practice and Experience, 2021, 33, e6351.	1.4	1

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19	Optimal control of system governed by nonlinear volterra integral and fractional derivative equations. Computational and Applied Mathematics, 2021, 40, 1.	1.0	5
20	Association rule-based malware classification using common subsequences of API calls. Applied Soft Computing Journal, 2021, 105, 107234.	4.1	31
21	A stacked autoencoder–based convolutional and recurrent deep neural network for detecting cyberattacks in interconnected power control systems. International Journal of Intelligent Systems, 2021, 36, 7080-7102.	3.3	8
22	Human oriented solutions for intelligent analysis, multimedia and communication systems. Concurrency Computation Practice and Experience, 2021, 33, e6532.	1.4	0
23	A combination of clustering-based under-sampling with ensemble methods for solving imbalanced class problem in intelligent systems. Technological Forecasting and Social Change, 2021, 169, 120796.	6.2	9
24	PERMS: An efficient rescue route planning system in disasters. Applied Soft Computing Journal, 2021, 111, 107667.	4.1	10
25	Low-Resource Footprint, Data-Driven Malware Detection on Android. IEEE Transactions on Sustainable Computing, 2020, 5, 213-222.	2.2	17
26	Compression–based steganography. Concurrency Computation Practice and Experience, 2020, 32, e5322.	1.4	9
27	Securing visual search queries in ubiquitous scenarios empowered by smart personal devices. Information Sciences, 2020, 508, 393-404.	4.0	7
28	Knowledge elicitation based on genetic programming for non destructive testing of critical aerospace systems. Future Generation Computer Systems, 2020, 102, 633-642.	4.9	32
29	A machine learning evolutionary algorithm-based formula to assess tumor markers and predict lung cancer in cytologically negative pleural effusions. Soft Computing, 2020, 24, 7281-7293.	2.1	10
30	Securing PIN–based authentication in smartwatches with just two gestures. Concurrency Computation Practice and Experience, 2020, 32, e5549.	1.4	12
31	Malware detection in mobile environments based on Autoencoders and API-images. Journal of Parallel and Distributed Computing, 2020, 137, 26-33.	2.7	76
32	A machine learning–based memory forensics methodology for TOR browser artifacts. Concurrency Computation Practice and Experience, 2020, , e5935.	1.4	1
33	Discovering genomic patterns in SARS–CoV–2 variants. International Journal of Intelligent Systems, 2020, 35, 1680-1698.	3.3	16
34	Security, Privacy and Trust for Smart Mobile- Internet of Things (M-IoT): A Survey. IEEE Access, 2020, 8, 167123-167163.	2.6	70
35	Securing the internet of vehicles through lightweight block ciphers. Pattern Recognition Letters, 2020, 135, 264-270.	2.6	21
36	A Fraud-Resilient Blockchain-Based Solution for Invoice Financing. IEEE Transactions on Engineering Management, 2020, 67, 1086-1098.	2.4	35

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37	A genetic approach for the maximum network lifetime problem with additional operating time slot constraints. Soft Computing, 2020, 24, 14735-14741.	2.1	8
38	Special Issue on Intelligent Systems in Sensor Networks and Internet of Things. Sensors, 2020, 20, 3182.	2.1	1
39	On the File Recovery in Systems Infected by Ransomware. Advances in Intelligent Systems and Computing, 2020, , 1412-1425.	0.5	1
40	Network Forensics of WhatsApp: A Practical Approach Based on Side-Channel Analysis. Advances in Intelligent Systems and Computing, 2020, , 780-791.	0.5	5
41	CirclePIN. ACM Transactions on Cyber-Physical Systems, 2020, 4, 1-19.	1.9	19
42	A Methodological Perspective on Lawful Internet Surveillance. , 2020, , .		0
43	One-pass lossless data hiding and compression of remote sensing data. Future Generation Computer Systems, 2019, 90, 222-239.	4.9	37
44	A data-driven approximate dynamic programming approach based on association rule learning: Spacecraft autonomy as a case study. Information Sciences, 2019, 504, 501-519.	4.0	19
45	A Deep Learning Approach for Maximum Activity Links in D2D Communications. Sensors, 2019, 19, 2941.	2.1	8
46	Network anomaly detection based on logistic regression of nonlinear chaotic invariants. Journal of Network and Computer Applications, 2019, 148, 102460.	5.8	21
47	Leaf: An open-source cybersecurity training platform for realistic edge-IoT scenarios. Journal of Systems Architecture, 2019, 97, 107-129.	2.5	24
48	Detecting unfair recommendations in trust-based pervasive environments. Information Sciences, 2019, 486, 31-51.	4.0	36
49	A Scheduling Framework for Latency Optimization on 5G Mobile Edge Computing Infrastructures. , 2019, , .		1
50	A Distributed Flow Correlation Attack to Anonymizing Overlay Networks Based on Wavelet Multi-resolution Analysis. IEEE Transactions on Dependable and Secure Computing, 2019, , 1-1.	3.7	7
51	A study on forecasting electricity production and consumption in smart cities and factories. International Journal of Information Management, 2019, 49, 546-556.	10.5	37
52	Distributed temporal link prediction algorithm based on label propagation. Future Generation Computer Systems, 2019, 93, 627-636.	4.9	16
53	Distributed Group Key Management for Event Notification Confidentiality among Sensors. IEEE Transactions on Dependable and Secure Computing, 2019, , 1-1.	3.7	13
54	Loss-Tolerant Event Communications Within Industrial Internet of Things by Leveraging on Game Theoretic Intelligence. IEEE Internet of Things Journal, 2018, 5, 1679-1689.	5.5	11

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55	Stackelberg games for modeling defense scenarios against cloud security threats. Journal of Network and Computer Applications, 2018, 110, 99-107.	5.8	18
56	A scalable distributed machine learning approach for attack detection in edge computing environments. Journal of Parallel and Distributed Computing, 2018, 119, 18-26.	2.7	103
57	Event-based sensor data exchange and fusion in the Internet of Things environments. Journal of Parallel and Distributed Computing, 2018, 118, 328-343.	2.7	42
58	Integrity for an Event Notification Within the Industrial Internet of Things by Using Group Signatures. IEEE Transactions on Industrial Informatics, 2018, 14, 3669-3678.	7.2	26
59	Intelligent Data-Centric Critical Systems: Security and Resilience Key Challenges. , 2018, , 1-5.		0
60	Saving energy in aggressive intrusion detection through dynamic latency sensitivity recognition. Computers and Security, 2018, 76, 311-326.	4.0	5
61	A coral-reefs and Game Theory-based approach for optimizing elastic cloud resource allocation. Future Generation Computer Systems, 2018, 78, 343-352.	4.9	62
62	Multi-layer cloud architectural model and ontology-based security service framework for IoT-based smart homes. Future Generation Computer Systems, 2018, 78, 1040-1051.	4.9	158
63	Distributed strategic learning and game theoretic formulation of network embedded coding. Journal of Computational Science, 2018, 28, 426-438.	1.5	3
64	Building a network embedded FEC protocol by using game theory. Information Sciences, 2018, 433-434, 365-380.	4.0	6
65	On the protection of consumer genomic data in the Internet of Living Things. Computers and Security, 2018, 74, 384-400.	4.0	32
66	Information theoreticâ€based detection and removal of slander and/or falseâ€praise attacks for robust trust management with Dempsterâ€Shafer combination of linguistic fuzzy terms. Concurrency Computation Practice and Experience, 2018, 30, e4302.	1.4	13
67	Data hiding using compressed archives. , 2018, , .		3
68	On the optimal tuning and placement of FEC codecs within multicasting trees for resilient publish/subscribe services in edge-IoT architectures. Future Generation Computer Systems, 2018, 88, 140-150.	4.9	5
69	Cloud Message Queueing and Notification: Challenges and Opportunities. IEEE Cloud Computing, 2018, 5, 11-16.	5.3	10
70	Invisible CAPPCHA: A usable mechanism to distinguish between malware and humans on the mobile IoT. Computers and Security, 2018, 78, 255-266.	4.0	23
71	Introducing Fraudulent Energy Consumption in Cloud Infrastructures: A New Generation of Denial-of-Service Attacks. IEEE Systems Journal, 2017, 11, 460-470.	2.9	30
72	A Multiobjective Wavelength Routing Approach Combining Network and Traffic Engineering With Energy Awareness. IEEE Systems Journal, 2017, 11, 2410-2421.	2.9	4

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73	Layered multicast for reliable event notification over large-scale networks. Information Sciences, 2017, 379, 177-194.	4.0	4
74	Developing a trust model for pervasive computing based on Apriori association rules learning and Bayesian classification. Soft Computing, 2017, 21, 6297-6315.	2.1	61
75	On-Board Format-Independent Security of Functional Magnetic Resonance Images. Transactions on Embedded Computing Systems, 2017, 16, 1-15.	2.1	21
76	Traffic matrix estimation with software-defined NFV: Challenges and opportunities. Journal of Computational Science, 2017, 22, 162-170.	1.5	9
77	Exploiting Battery-Drain Vulnerabilities in Mobile Smart Devices. IEEE Transactions on Sustainable Computing, 2017, 2, 90-99.	2.2	13
78	Improving the gossiping effectiveness with distributed strategic learning (Invited paper). Future Generation Computer Systems, 2017, 71, 221-233.	4.9	9
79	Bayesian resource discovery in infrastructure-less networks. Information Sciences, 2017, 376, 95-109.	4.0	15
80	Automated extraction of fragments of Bayesian networks from textual sources. Applied Soft Computing Journal, 2017, 60, 508-519.	4.1	17
81	A wave propagation-based adaptive probabilistic broadcast containment strategy for reactive MANET routing protocols. Pervasive and Mobile Computing, 2017, 40, 628-638.	2.1	9
82	Trust management for distributed heterogeneous systems by using linguistic term sets and hierarchies, aggregation operators and mechanism design. Future Generation Computer Systems, 2017, 74, 325-336.	4.9	25
83	Non-deterministic security driven meta scheduler for distributed cloud organizations. Simulation Modelling Practice and Theory, 2017, 76, 67-81.	2.2	23
84	A collaborative clinical analysis service based on theory of evidence, fuzzy linguistic sets and prospect theory and its application to craniofacial disorders in infants. Future Generation Computer Systems, 2017, 67, 230-241.	4.9	18
85	Supporting dynamic updates in storage clouds with the Aklâ€"Taylor scheme. Information Sciences, 2017, 387, 56-74.	4.0	29
86	Securing Information Exchange in VANETs by Using Pairing-Based Cryptography. International Journal of Foundations of Computer Science, 2017, 28, 781-797.	0.8	3
87	Hierarchical and Shared Access Control. IEEE Transactions on Information Forensics and Security, 2016, 11, 850-865.	4.5	43
88	A Blind Signature-Based Approach for Cross-Domain Authentication in the Cloud Environment. International Journal of Data Warehousing and Mining, 2016, 12, 34-48.	0.4	8
89	Enhanced Network Support for Federated Cloud Infrastructures. IEEE Cloud Computing, 2016, 3, 16-23.	5.3	2
90	Interoperable Access Control by Means of a Semantic Approach. , 2016, , .		4

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91	A cloud-based architecture for emergency management and first responders localization in smart city environments. Computers and Electrical Engineering, 2016, 56, 810-830.	3.0	58
92	A Novel NTT-based Authentication Scheme for 10 GHz Quantum Key Distribution Systems. IEEE Transactions on Industrial Electronics, 2016, , 1-1.	5.2	12
93	A Publish/Subscribe Protocol for Event-Driven Communications in the Internet of Things. , 2016, , .		12
94	Distributed strategic learning for effective gossiping in wireless networks. , 2016, , .		3
95	Using Screen Brightness to Improve Security in Mobile Social Network Access. IEEE Transactions on Dependable and Secure Computing, 2016, , 1-1.	3.7	9
96	Optimal Data Replica Placement in Large-Scale Federated Architectures. Lecture Notes in Computer Science, 2016, , 257-267.	1.0	1
97	A secure payment system for multimedia on demand on mobile VANET clouds. Security and Communication Networks, 2016, 9, 4378-4390.	1.0	1
98	Performance Modeling of Big Data-Oriented Architectures. Computer Communications and Networks, 2016, , 3-34.	0.8	3
99	Distributed Strategic Learning for Building Network Embedded Coding to Achieve Reliable Event Notification. , 2016, , .		1
100	An HLA–based framework for simulation of large–scale critical systems. Concurrency Computation Practice and Experience, 2016, 28, 400-419.	1.4	21
101	Cryptographic Hierarchical Access Control for Dynamic Structures. IEEE Transactions on Information Forensics and Security, 2016, 11, 2349-2364.	4.5	70
102	GRASP-based resource re-optimization for effective big data access in federated clouds. Future Generation Computer Systems, 2016, 54, 168-179.	4.9	33
103	Smart Cloud Storage Service Selection Based on Fuzzy Logic, Theory of Evidence and Game Theory. IEEE Transactions on Computers, 2016, 65, 2348-2362.	2.4	138
104	A Game-Theoretic Approach to Network Embedded FEC over Large-Scale Networks. Communications in Computer and Information Science, 2016, , 353-364.	0.4	3
105	A hybrid load-balancing and energy-aware RWA algorithm for telecommunication networks. Computer Communications, 2016, 77, 85-99.	3.1	9
106	On the Relations Between Security Notions in Hierarchical Key Assignment Schemes for Dynamic Structures. Lecture Notes in Computer Science, 2016, , 37-54.	1.0	3
107	Format-Independent Protection of DNA Microarray Images. , 2015, , .		5
108	An energy–aware engineered control plane for wavelength–routed networks. Transactions on Emerging Telecommunications Technologies, 2015, 26, 231-249.	2.6	5

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109	Innovative Mobile Internet Services and Applications. Mobile Information Systems, 2015, 2015, 1-2.	0.4	1
110	Secure and reliable data communication in developing regions and rural areas. Pervasive and Mobile Computing, 2015, 24, 117-128.	2.1	7
111	An Artificial Intelligence-Based Trust Model for Pervasive Computing. , 2015, , .		15
112	Supporting First Responders Localization during Crisis Management. , 2015, , .		1
113	Novel Insider Threat Techniques. , 2015, , .		1
114	Modeling performances of concurrent big data applications. Software - Practice and Experience, 2015, 45, 1127-1144.	2.5	29
115	Energy efficiency of elastic frequency grids in multilayer IP/MPLS-over-flexgrid networks. Journal of Network and Computer Applications, 2015, 56, 41-47.	5.8	10
116	On the Protection of fMRI Images in Multi-domain Environments. , 2015, , .		12
117	A triadic closure and homophily-based recommendation system for online social networks. World Wide Web, 2015, 18, 1579-1601.	2.7	39
118	Heterogeneous Network Handover Using 3GPP ANDSF. , 2015, , .		4
119	An uncertainty-managing batch relevance-based approach to network anomaly detection. Applied Soft Computing Journal, 2015, 36, 408-418.	4.1	57
120	The untrusted handover security of the S-PMIPv6 on LTE-A. , 2015, , .		1
121	A honeypot system with honeyword-driven fake interactive sessions. , 2015, , .		12
122	Energy-oriented denial of service attacks: an emerging menace for large cloud infrastructures. Journal of Supercomputing, 2015, 71, 1620-1641.	2.4	61
123	Modeling energy-efficient secure communications in multi-mode wireless mobile devices. Journal of Computer and System Sciences, 2015, 81, 1464-1478.	0.9	47
124	A knowledge-based platform for Big Data analytics based on publish/subscribe services and stream processing. Knowledge-Based Systems, 2015, 79, 3-17.	4.0	83
125	Modeling security requirements for cloudâ€based systemâ€‰development. Concurrency Computation Practice and Experience, 2015, 27, 2107-2124.	1.4	28
126	Cloud-based adaptive compression and secure management services for 3D healthcare data. Future Generation Computer Systems, 2015, 43-44, 120-134.	4.9	96

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127	Adaptive Stealth Energy-Related DoS Attacks against Cloud Data Centers. , 2014, , .		12
128	A perspective of the journal's life in the last three years. Journal of High Speed Networks, 2014, 20, 193-193.	0.6	0
129	On Reliability and Security in Knowledge Grids. , 2014, , .		0
130	Countering Browser Fingerprinting Techniques: Constructing a Fake Profile with Google Chrome. , 2014, , .		13
131	Secure and distributed video surveillance via portable devices. Journal of Ambient Intelligence and Humanized Computing, 2014, 5, 205-213.	3.3	25
132	A distributed approach to network anomaly detection based on independent component analysis. Concurrency Computation Practice and Experience, 2014, 26, 1113-1129.	1.4	66
133	Hybrid indoor and outdoor location services for new generation mobile terminals. Personal and Ubiquitous Computing, 2014, 18, 271-285.	1.9	37
134	Exploiting mean field analysis to model performances of big data architectures. Future Generation Computer Systems, 2014, 37, 203-211.	4.9	56
135	A secure file sharing service for distributed computing environments. Journal of Supercomputing, 2014, 67, 691-710.	2.4	12
136	A Cluster-Based Data-Centric Model for Network-Aware Task Scheduling in Distributed Systems. International Journal of Parallel Programming, 2014, 42, 755-775.	1.1	15
137	A botnet-based command and control approach relying on swarm intelligence. Journal of Network and Computer Applications, 2014, 38, 22-33.	5.8	28
138	Multimedia-based battery drain attacks for Android devices. , 2014, , .		11
139	An Efficient and Transparent One-Time Authentication Protocol with Non-interactive Key Scheduling and Update. , 2014, , .		11
140	Towards an energy-aware Internet: modeling a cross-layer optimization approach. Telecommunication Systems, 2013, 52, 1247.	1.6	23
141	Network anomaly detection with the restricted Boltzmann machine. Neurocomputing, 2013, 122, 13-23.	3.5	295
142	An intelligent security architecture for distributed firewalling environments. Journal of Ambient Intelligence and Humanized Computing, 2013, 4, 223-234.	3.3	12
143	On the Performance of Energy-Division Multiple Access Over Fading Channels. Wireless Personal Communications, 2013, 68, 1351-1364.	1.8	2
144	FeelTrust: Providing Trustworthy Communications in Ubiquitous Mobile Environment. , 2013, , .		26

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145	Modeling energy consumption in next-generation wireless access-over-WDM networks with hybrid power sources. Mathematical and Computer Modelling, 2013, 58, 1389-1404.	2.0	10
146	Interconnecting Federated Clouds by Using Publish-Subscribe Service. Cluster Computing, 2013, 16, 887-903.	3.5	74
147	Eco-sustainable routing in optical networks. Photonic Network Communications, 2013, 26, 140-149.	1.4	3
148	On the detection of card-sharing traffic through wavelet analysis and Support Vector Machines. Applied Soft Computing Journal, 2013, 13, 615-627.	4.1	28
149	Text Compression and Encryption through Smart Devices for Mobile Communication. , 2013, , .		19
150	A distributed scheduling framework based on selfish autonomous agents for federated cloud environments. Future Generation Computer Systems, 2013, 29, 1461-1472.	4.9	42
151	Scalable service discovery in ubiquitous and pervasive computing architectures: A percolation-driven approach. Future Generation Computer Systems, 2013, 29, 693-703.	4.9	38
152	On Secure Data Management in Health-Care Environment. , 2013, , .		23
153	An Energy-Aware Framework for Reliable and Secure End-to-End Ubiquitous Data Communications. , 2013, , .		22
154	Evaluating energy savings in WoL-enabled networks of PCs. , 2013, , .		9
155	Towards Service Orchestration Between Smart Grids and Telecom Networks. Lecture Notes in Computer Science, 2013, , 300-309.	1.0	4
156	Analyzing the Internet Stability in Presence of Disasters. Lecture Notes in Computer Science, 2013, , 253-268.	1.0	9
157	Fully Distributed Secure Video Surveillance Via Portable Device with User Awareness. Lecture Notes in Computer Science, 2013, , 414-429.	1.0	1
158	Using bivariate polynomial to design a dynamic key management scheme for wireless sensor networks. Computer Science and Information Systems, 2013, 10, 589-609.	0.7	11
159	Percolation-based routing in the Internet. Journal of Systems and Software, 2012, 85, 2559-2573.	3.3	8
160	Device Tracking in Private Networks via NAPT Log Analysis. , 2012, , .		8
161	An energy-aware dynamic RWA framework for next-generation wavelength-routed networks. Computer Networks, 2012, 56, 2420-2442.	3.2	37
162	On the Performance of Energy-Division Multiple Access with Regular Constellations. Wireless Personal Communications, 2012, 64, 233-253.	1.8	1

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163	An asynchronous covert channel using spam. Computers and Mathematics With Applications, 2012, 63, 437-447.	1.4	34
164	Selfish routing and wavelength assignment strategies with advance reservation in inter-domain optical networks. Computer Communications, 2012, 35, 366-379.	3.1	10
165	Energy-Oriented Models for WDM Networks. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2012, , 534-548.	0.2	7
166	A Secure Distributed Video Surveillance System Based on Portable Devices. Lecture Notes in Computer Science, 2012, , 403-415.	1.0	10
167	Ensuring Privacy and Confidentiality in Digital Video Surveillance Systems. , 2012, , 245-267.		1
168	Saving Energy in Data Center Infrastructures. , 2011, , .		33
169	E-mail-Based Covert Channels for Asynchronous Message Steganography. , 2011, , .		17
170	Evaluating Network-Based DoS Attacks under the Energy Consumption Perspective: New Security Issues in the Coming Green ICT Area. , 2011, , .		34
171	Automatic Security Assessment for Next Generation Wireless Mobile Networks. Mobile Information Systems, 2011, 7, 217-239.	0.4	20
172	On the Optimization of GLite-Based Job Submission. Journal of Physics: Conference Series, 2011, 331, 062041.	0.3	0
173	Energy-Aware RWA for WDM Networks with Dual Power Sources. , 2011, , .		34
174	Gain design and power allocation for overloaded MIMO-OFDM systems with channel state information and iterative multiuser detection. , 2011, , .		1
175	Analyzing Local Strategies for Energy-Efficient Networking. Lecture Notes in Computer Science, 2011, , 291-300.	1.0	23
176	Towards a federated Metropolitan Area Grid environment: The SCoPE network-aware infrastructure. Future Generation Computer Systems, 2010, 26, 1241-1256.	4.9	30
177	A GRASP-based network re-optimization strategy for improving RWA in multi-constrained optical transport infrastructures. Computer Communications, 2010, 33, 1809-1822.	3.1	11
178	Network anomaly detection through nonlinear analysis. Computers and Security, 2010, 29, 737-755.	4.0	73
179	Constrained minimum lightpath affinity routing in multi-layer optical transport networks. Journal of High Speed Networks, 2010, 17, 185-205.	0.6	3
180	An Enhanced Firewall Scheme for Dynamic and Adaptive Containment of Emerging Security Threats. , 2010, , .		5

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181	Towards a Lawfully Secure and Privacy Preserving Video Surveillance System. Lecture Notes in Business Information Processing, 2010, , 73-84.	0.8	12
182	A Wide Area Network Optimization Service for Effective Access to Heterogeneous DataGrid Infrastructures. , 2010, , 137-147.		1
183	Providing true end-to-end security in converged voice over IP infrastructures. Computers and Security, 2009, 28, 433-449.	4.0	25
184	Network-aware scheduling for real-time execution support in data-intensive optical Grids. Future Generation Computer Systems, 2009, 25, 794-803.	4.9	26
185	A nonlinear, recurrence-based approach to traffic classification. Computer Networks, 2009, 53, 761-773.	3.2	55
186	SimulNet: a wavelength-routed optical network simulation framework. , 2009, , .		6
187	Containing large-scale worm spreading in the Internet by cooperative distribution of traffic filtering policies. Computers and Security, 2008, 27, 48-62.	4.0	12
188	A Minimum Cut Interference-based Integrated RWA Algorithm for Multi-constrained Optical Transport Networks. Journal of Network and Systems Management, 2008, 16, 421-448.	3.3	6
189	Network-Aware Replica Optimization in the SCoPE Grid Infrastructure. Lecture Notes in Computer Science, 2008, , 845-857.	1.0	2
190	A Scheme for Multiuser Communications based on Energy Division. , 2007, , .		1
191	Automated detection and containment of worms and viruses into heterogeneous networks: a simple network immune system. International Journal of Wireless and Mobile Computing, 2007, 2, 47.	0.1	4
192	SPARK: A smart parametric online RWA algorithm. Journal of Communications and Networks, 2007, 9, 368-376.	1.8	11
193	GMPLS-based service differentiation for scalable QoS support in all-optical Grid applications. Future Generation Computer Systems, 2006, 22, 688-698.	4.9	18
194	An MPLS-based architecture for scalable QoS and traffic engineering in converged multiservice mobile IP networks. Computer Networks, 2005, 47, 257-269.	3.2	21