

Athanasios V Vasilakos

List of Publications by Citations

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

596 papers	31,681 citations	98 h-index	160 g-index
676 ext. papers	37,883 ext. citations	5 avg, IF	8.03 L-index

#	Paper	IF	Citations
596	Body Area Networks: A Survey. <i>Mobile Networks and Applications</i> , 2011 , 16, 171-193	2.9	817
595	Security of the Internet of Things: perspectives and challenges. <i>Wireless Networks</i> , 2014 , 20, 2481-2501	2.5	746
594	A survey on trust management for Internet of Things. <i>Journal of Network and Computer Applications</i> , 2014 , 42, 120-134	7.9	704
593	A survey of millimeter wave communications (mmWave) for 5G: opportunities and challenges. <i>Wireless Networks</i> , 2015 , 21, 2657-2676	2.5	639
592	. <i>IEEE Wireless Communications</i> , 2013 , 20, 91-98	13.4	518
591	A Survey on Ambient Intelligence in Health Care. <i>Proceedings of the IEEE</i> , 2013 , 101, 2470-2494	14.3	408
590	Full duplex techniques for 5G networks: self-interference cancellation, protocol design, and relay selection 2015 , 53, 128-137		407
589	Security in cloud computing: Opportunities and challenges. <i>Information Sciences</i> , 2015 , 305, 357-383	7.7	394
588	Molecular communication and networking: opportunities and challenges. <i>IEEE Transactions on Nanobioscience</i> , 2012 , 11, 135-48	3.4	387
587	Big data analytics: a survey. <i>Journal of Big Data</i> , 2015 , 2,	11.7	360
586	Machine learning on big data: Opportunities and challenges. <i>Neurocomputing</i> , 2017 , 237, 350-361	5.4	345
585	Security and Privacy for Cloud-Based IoT: Challenges 2017 , 55, 26-33		325
584	Security and privacy for storage and computation in cloud computing. <i>Information Sciences</i> , 2014 , 258, 371-386	7.7	321
583	IoT-Based Big Data Storage Systems in Cloud Computing: Perspectives and Challenges. <i>IEEE Internet of Things Journal</i> , 2017 , 4, 75-87	10.7	301
582	The role of big data analytics in Internet of Things. <i>Computer Networks</i> , 2017 , 129, 459-471	5.4	299
581	Full-Duplex Wireless Communications: Challenges, Solutions, and Future Research Directions. <i>Proceedings of the IEEE</i> , 2016 , 104, 1369-1409	14.3	293
580	A game-theoretic method of fair resource allocation for cloud computing services. <i>Journal of Supercomputing</i> , 2010 , 54, 252-269	2.5	285

579	. <i>IEEE/ACM Transactions on Networking</i> , 2015 , 23, 810-823	3.8	282
578	A review of industrial wireless networks in the context of Industry 4.0. <i>Wireless Networks</i> , 2017 , 23, 23-41.5	41.5	279
577	Directional routing and scheduling for green vehicular delay tolerant networks. <i>Wireless Networks</i> , 2013 , 19, 161-173	2.5	260
576	Software-Defined Industrial Internet of Things in the Context of Industry 4.0. <i>IEEE Sensors Journal</i> , 2016 , 1-1	4	259
575	Mobile Cloud Computing: A Survey, State of Art and Future Directions. <i>Mobile Networks and Applications</i> , 2014 , 19, 133-143	2.9	254
574	Routing Metrics of Cognitive Radio Networks: A Survey. <i>IEEE Communications Surveys and Tutorials</i> , 2014 , 16, 92-109	37.1	251
573	TRAC: Truthful auction for location-aware collaborative sensing in mobile crowdsourcing 2014 ,		245
572	False Data Injection on State Estimation in Power Systems-Attacks, Impacts, and Defense: A Survey. <i>IEEE Transactions on Industrial Informatics</i> , 2017 , 13, 411-423	11.9	245
571	Data Mining for the Internet of Things: Literature Review and Challenges. <i>International Journal of Distributed Sensor Networks</i> , 2015 , 11, 431047	1.7	241
570	. <i>IEEE Transactions on Industrial Informatics</i> , 2017 , 13, 2039-2047	11.9	238
569	Web services composition: A decade's overview. <i>Information Sciences</i> , 2014 , 280, 218-238	7.7	238
568	A Survey on Topology Control in Wireless Sensor Networks: Taxonomy, Comparative Study, and Open Issues. <i>Proceedings of the IEEE</i> , 2013 , 101, 2538-2557	14.3	235
567	. <i>IEEE Communications Surveys and Tutorials</i> , 2020 , 22, 1121-1167	37.1	230
566	Fog Computing for Sustainable Smart Cities. <i>ACM Computing Surveys</i> , 2017 , 50, 1-43	13.4	230
565	An adaptive geometry-based stochastic model for non-isotropic MIMO mobile-to-mobile channels. <i>IEEE Transactions on Wireless Communications</i> , 2009 , 8, 4824-4835	9.6	227
564	Compressed data aggregation for energy efficient wireless sensor networks 2011 ,		221
563	A Survey of Green Mobile Networks: Opportunities and Challenges. <i>Mobile Networks and Applications</i> , 2012 , 17, 4-20	2.9	217
562	Brain computer interface: control signals review. <i>Neurocomputing</i> , 2017 , 223, 26-44	5.4	215

561	BSeln: A blockchain-based secure mutual authentication with fine-grained access control system for industry 4.0. <i>Journal of Network and Computer Applications</i> , 2018 , 116, 42-52	7.9	212
560	Big data: From beginning to future. <i>International Journal of Information Management</i> , 2016 , 36, 1231-1247	6.4	209
559	Enhancing smart grid with microgrids: Challenges and opportunities. <i>Renewable and Sustainable Energy Reviews</i> , 2017 , 72, 205-214	16.2	202
558	When things matter: A survey on data-centric internet of things. <i>Journal of Network and Computer Applications</i> , 2016 , 64, 137-153	7.9	201
557	A Survey on Service-Oriented Network Virtualization Toward Convergence of Networking and Cloud Computing. <i>IEEE Transactions on Network and Service Management</i> , 2012 , 9, 373-392	4.8	199
556	CDC: Compressive Data Collection for Wireless Sensor Networks. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2015 , 26, 2188-2197	3.7	198
555	Software-Defined Networking for Internet of Things: A Survey. <i>IEEE Internet of Things Journal</i> , 2017 , 4, 1994-2008	10.7	197
554	Software-Defined and Virtualized Future Mobile and Wireless Networks: A Survey. <i>Mobile Networks and Applications</i> , 2015 , 20, 4-18	2.9	197
553	Information-centric networking for the internet of things: challenges and opportunities. <i>IEEE Network</i> , 2016 , 30, 92-100	11.4	191
552	Routing for disruption tolerant networks: taxonomy and design. <i>Wireless Networks</i> , 2010 , 16, 2349-2370	2.5	190
551	Flooding-limited and multi-constrained QoS multicast routing based on the genetic algorithm for MANETs. <i>Mathematical and Computer Modelling</i> , 2011 , 53, 2238-2250		187
550	A Survey of Security Challenges in Cognitive Radio Networks: Solutions and Future Research Directions. <i>Proceedings of the IEEE</i> , 2012 , 100, 3172-3186	14.3	184
549	Interference-Based Topology Control Algorithm for Delay-Constrained Mobile Ad Hoc Networks. <i>IEEE Transactions on Mobile Computing</i> , 2015 , 14, 742-754	4.6	174
548	ECG-cryptography and authentication in body area networks. <i>IEEE Transactions on Information Technology in Biomedicine</i> , 2012 , 16, 1070-8		168
547	Information centric network: Research challenges and opportunities. <i>Journal of Network and Computer Applications</i> , 2015 , 52, 1-10	7.9	166
546	Managing Performance Overhead of Virtual Machines in Cloud Computing: A Survey, State of the Art, and Future Directions. <i>Proceedings of the IEEE</i> , 2014 , 102, 11-31	14.3	163
545	Mobile Crowd Sensing for Traffic Prediction in Internet of Vehicles. <i>Sensors</i> , 2016 , 16,	3.8	161
544	Algorithm design for data communications in duty-cycled wireless sensor networks: A survey 2013 , 51, 107-113		159

543	Molecular communication among biological nanomachines: a layered architecture and research issues. <i>IEEE Transactions on Nanobioscience</i> , 2014 , 13, 169-97	3.4	156
542	Future Internet of Things: open issues and challenges. <i>Wireless Networks</i> , 2014 , 20, 2201-2217	2.5	155
541	Prediction-based data aggregation in wireless sensor networks: Combining grey model and Kalman Filter. <i>Computer Communications</i> , 2011 , 34, 793-802	5.1	153
540	Understanding user behavior in online social networks: a survey 2013 , 51, 144-150		152
539	ReTrust: attack-resistant and lightweight trust management for medical sensor networks. <i>IEEE Transactions on Information Technology in Biomedicine</i> , 2012 , 16, 623-32		150
538	Approximating Congestion + Dilation in Networks via "Quality of Routing" Games. <i>IEEE Transactions on Computers</i> , 2012 , 61, 1270-1283	2.5	147
537	Vehicular Communications: Survey and Challenges of Channel and Propagation Models. <i>IEEE Vehicular Technology Magazine</i> , 2015 , 10, 55-66	9.9	147
536	Security and privacy challenges in mobile cloud computing: Survey and way ahead. <i>Journal of Network and Computer Applications</i> , 2017 , 84, 38-54	7.9	146
535	Small-world human brain networks: Perspectives and challenges. <i>Neuroscience and Biobehavioral Reviews</i> , 2017 , 77, 286-300	9	146
534	. <i>IEEE Journal on Selected Areas in Communications</i> , 2009 , 27, 495-509	14.2	142
533	Reliable Multicast with Pipelined Network Coding Using Opportunistic Feeding and Routing. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2014 , 25, 3264-3273	3.7	139
532	On the Partially Overlapped Channel Assignment on Wireless Mesh Network Backbone: A Game Theoretic Approach. <i>IEEE Journal on Selected Areas in Communications</i> , 2012 , 30, 119-127	14.2	137
531	. <i>IEEE Transactions on Vehicular Technology</i> , 2011 , 60, 692-703	6.8	137
530	Power Minimization Based Resource Allocation for Interference Mitigation in OFDMA Femtocell Networks. <i>IEEE Journal on Selected Areas in Communications</i> , 2014 , 32, 333-344	14.2	136
529	. <i>IEEE Transactions on Network and Service Management</i> , 2014 , 11, 417-430	4.8	133
528	Gradient-driven parking navigation using a continuous information potential field based on wireless sensor network. <i>Information Sciences</i> , 2017 , 408, 100-114	7.7	132
527	. <i>IEEE Transactions on Computers</i> , 2016 , 65, 244-255	2.5	131
526	4S: A secure and privacy-preserving key management scheme for cloud-assisted wireless body area network in m-healthcare social networks. <i>Information Sciences</i> , 2015 , 314, 255-276	7.7	131

525	. <i>IEEE/ACM Transactions on Networking</i> , 2013 , 21, 1145-1158	3.8	131
524	Energy Big Data Analytics and Security: Challenges and Opportunities. <i>IEEE Transactions on Smart Grid</i> , 2016 , 7, 2423-2436	10.7	126
523	Cloud-assisted body area networks: state-of-the-art and future challenges. <i>Wireless Networks</i> , 2014 , 20, 1925-1938	2.5	124
522	A survey of wireless technologies coexistence in WBAN: analysis and open research issues. <i>Wireless Networks</i> , 2014 , 20, 2165-2199	2.5	119
521	Secure and Privacy Preserving Protocol for Cloud-Based Vehicular DTNs. <i>IEEE Transactions on Information Forensics and Security</i> , 2015 , 10, 1299-1314	8	118
520	Design and Analysis of Secure Lightweight Remote User Authentication and Key Agreement Scheme in Internet of Drones Deployment. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 3572-3584	10.7	117
519	. <i>IEEE Communications Surveys and Tutorials</i> , 2019 , 21, 1533-1560	37.1	117
518	Secure Biometric-Based Authentication Scheme Using Chebyshev Chaotic Map for Multi-Server Environment. <i>IEEE Transactions on Dependable and Secure Computing</i> , 2018 , 15, 824-839	3.9	116
517	An efficient ECC-based provably secure three-factor user authentication and key agreement protocol for wireless healthcare sensor networks. <i>Computers and Electrical Engineering</i> , 2018 , 69, 534-554	4.3	113
516	Game Dynamics and Cost of Learning in Heterogeneous 4G Networks. <i>IEEE Journal on Selected Areas in Communications</i> , 2012 , 30, 198-213	14.2	112
515	EPCBIR: An efficient and privacy-preserving content-based image retrieval scheme in cloud computing. <i>Information Sciences</i> , 2017 , 387, 195-204	7.7	111
514	Physarum Optimization: A Biology-Inspired Algorithm for the Steiner Tree Problem in Networks. <i>IEEE Transactions on Computers</i> , 2015 , 64, 818-831	2.5	110
513	The Quest for Privacy in the Internet of Things. <i>IEEE Cloud Computing</i> , 2016 , 3, 36-45		109
512	EDAL: An Energy-Efficient, Delay-Aware, and Lifetime-Balancing Data Collection Protocol for Wireless Sensor Networks 2013 ,		108
511	LAM-CIoT: Lightweight authentication mechanism in cloud-based IoT environment. <i>Journal of Network and Computer Applications</i> , 2020 , 150, 102496	7.9	108
510	Security in Software-Defined Networking: Threats and Countermeasures. <i>Mobile Networks and Applications</i> , 2016 , 21, 764-776	2.9	107
509	Design of secure key management and user authentication scheme for fog computing services. <i>Future Generation Computer Systems</i> , 2019 , 91, 475-492	7.5	107
508	Nodes organization for channel assignment with topology preservation in multi-radio wireless mesh networks. <i>Ad Hoc Networks</i> , 2012 , 10, 760-773	4.8	106

507	Robust CyberPhysical Systems: Concept, models, and implementation. <i>Future Generation Computer Systems</i> , 2016 , 56, 449-475	7.5	105
506	QoE-Driven Channel Allocation Schemes for Multimedia Transmission of Priority-Based Secondary Users over Cognitive Radio Networks. <i>IEEE Journal on Selected Areas in Communications</i> , 2012 , 30, 1215-1224	14.2	105
505	. <i>IEEE Journal on Selected Areas in Communications</i> , 2014 , 32, 4-15	14.2	102
504	Hierarchical Data Aggregation Using Compressive Sensing (HDACS) in WSNs. <i>ACM Transactions on Sensor Networks</i> , 2015 , 11, 1-25	2.9	101
503	Backpressure-based routing protocol for DTNs. <i>Computer Communication Review</i> , 2010 , 40, 405-406	1.4	101
502	Biometrics-Based Privacy-Preserving User Authentication Scheme for Cloud-Based Industrial Internet of Things Deployment. <i>IEEE Internet of Things Journal</i> , 2018 , 5, 4900-4913	10.7	100
501	. <i>IEEE Transactions on Mobile Computing</i> , 2012 , 11, 1538-1554	4.6	99
500	Enabling Semantic Search Based on Conceptual Graphs over Encrypted Outsourced Data. <i>IEEE Transactions on Services Computing</i> , 2019 , 12, 813-823	4.8	99
499	. <i>IEEE Systems Journal</i> , 2017 , 11, 395-404	4.3	98
498	. <i>IEEE Journal on Selected Areas in Communications</i> , 2015 , 33, 2052-2069	14.2	97
497	A survey on lightweight block ciphers for low-resource devices: Comparative study and open issues. <i>Journal of Network and Computer Applications</i> , 2015 , 58, 73-93	7.9	96
496	MuSIC: Mobility-Aware Optimal Service Allocation in Mobile Cloud Computing 2013 ,		96
495	. <i>IEEE/ACM Transactions on Networking</i> , 2010 , 18, 1234-1247	3.8	96
494	A Pretreatment Workflow Scheduling Approach for Big Data Applications in Multicloud Environments. <i>IEEE Transactions on Network and Service Management</i> , 2016 , 13, 581-594	4.8	96
493	. <i>IEEE Transactions on Communications</i> , 2009 , 57, 3794-3804	6.9	95
492	MAPCloud: Mobile Applications on an Elastic and Scalable 2-Tier Cloud Architecture 2012 ,		94
491	Behavior of crossover operators in NSGA-III for large-scale optimization problems. <i>Information Sciences</i> , 2020 , 509, 470-487	7.7	93
490	Socially Aware Networking: A Survey. <i>IEEE Systems Journal</i> , 2015 , 9, 904-921	4.3	92

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488	. <i>IEEE Transactions on Computers</i> , 2015 , 64, 1968-1982	2.5	91
487	Secure Data Sharing and Searching at the Edge of Cloud-Assisted Internet of Things. <i>IEEE Cloud Computing</i> , 2017 , 4, 34-42		90
486	A security and trust framework for virtualized networks and software-defined networking. <i>Security and Communication Networks</i> , 2016 , 9, 3059-3069	1.9	89
485	Designing blockchain-based applications a case study for imported product traceability. <i>Future Generation Computer Systems</i> , 2019 , 92, 399-406	7.5	89
484	A framework for truthful online auctions in cloud computing with heterogeneous user demands 2013 ,		84
483	A Multi-Tenant Cloud-Based DC Nano Grid for Self-Sustained Smart Buildings in Smart Cities 2017 , 55, 14-21		83
482	. <i>IEEE Transactions on Network and Service Management</i> , 2012 , 9, 254-267	4.8	83
481	A new approach to the design of reinforcement schemes for learning automata: Stochastic estimator learning algorithm. <i>Neurocomputing</i> , 1995 , 7, 275-297	5.4	83
480	Designing Secure Lightweight Blockchain-Enabled RFID-Based Authentication Protocol for Supply Chains in 5G Mobile Edge Computing Environment. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 7081-7093	11.9	83
479	GCHAR: An efficient Group-based Context-Aware human activity recognition on smartphone. <i>Journal of Parallel and Distributed Computing</i> , 2018 , 118, 67-80	4.4	82
478	An Online Mechanism for Resource Allocation and Pricing in Clouds. <i>IEEE Transactions on Computers</i> , 2016 , 65, 1172-1184	2.5	82
477	A Framework for Truthful Online Auctions in Cloud Computing with Heterogeneous User Demands. <i>IEEE Transactions on Computers</i> , 2016 , 65, 805-818	2.5	80
476	Joint Forensics-Scheduling Strategy for Delay-Sensitive Multimedia Applications over Heterogeneous Networks. <i>IEEE Journal on Selected Areas in Communications</i> , 2011 , 29, 1358-1367	14.2	80
475	Resource and Revenue Sharing with Coalition Formation of Cloud Providers: Game Theoretic Approach 2011 ,		79
474	Cloud data integrity checking with an identity-based auditing mechanism from RSA. <i>Future Generation Computer Systems</i> , 2016 , 62, 85-91	7.5	77
473	Design and analysis of authenticated key agreement scheme in cloud-assisted cyberphysical systems. <i>Future Generation Computer Systems</i> , 2020 , 108, 1267-1286	7.5	77
472	A Survey of Self-Organization Mechanisms in Multiagent Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2017 , 47, 441-461	7.3	76

471	. <i>IEEE Transactions on Cloud Computing</i> , 2017 , 5, 485-498	3.3	76
470	Securing m-healthcare social networks: challenges, countermeasures and future directions. <i>IEEE Wireless Communications</i> , 2013 , 20, 12-21	13.4	76
469	. <i>IEEE Communications Surveys and Tutorials</i> , 2017 , 19, 3046-3096	37.1	75
468	TCP-Like Molecular Communications. <i>IEEE Journal on Selected Areas in Communications</i> , 2014 , 32, 2354-2367	11.4	75
467	An Effective Network Traffic Classification Method with Unknown Flow Detection. <i>IEEE Transactions on Network and Service Management</i> , 2013 , 10, 133-147	4.8	74
466	Survey on routing in data centers: insights and future directions. <i>IEEE Network</i> , 2011 , 25, 6-10	11.4	73
465	On the Design of Provably Secure Lightweight Remote User Authentication Scheme for Mobile Cloud Computing Services. <i>IEEE Access</i> , 2017 , 5, 25808-25825	3.5	71
464	Cloud robotics: Current status and open issues. <i>IEEE Access</i> , 2016 , 1-1	3.5	70
463	Accelerated PSO Swarm Search Feature Selection for Data Stream Mining Big Data. <i>IEEE Transactions on Services Computing</i> , 2015 , 1-1	4.8	69
462	A distributed trust evaluation model and its application scenarios for medical sensor networks. <i>IEEE Transactions on Information Technology in Biomedicine</i> , 2012 , 16, 1164-75		69
461	ACE: An Accurate and Efficient Multi-Entity Device-Free WLAN Localization System. <i>IEEE Transactions on Mobile Computing</i> , 2015 , 14, 261-273	4.6	68
460	Large-scale MIMO-based wireless backhaul in 5G networks. <i>IEEE Wireless Communications</i> , 2015 , 22, 58-66	3.4	67
459	Transmission Rate Control for Molecular Communication among Biological Nanomachines. <i>IEEE Journal on Selected Areas in Communications</i> , 2013 , 31, 835-846	14.2	67
458	Peer-to-Peer Media Streaming: Insights and New Developments. <i>Proceedings of the IEEE</i> , 2011 , 99, 2089-2109	14.9	67
457	Distributed k-connected fault-tolerant topology control algorithms with PSO in future autonomic sensor systems. <i>International Journal of Sensor Networks</i> , 2012 , 12, 53	0.8	67
456	Network Security and Privacy Challenges in Smart Vehicle-to-Grid. <i>IEEE Wireless Communications</i> , 2017 , 24, 88-98	13.4	66
455	A survey on data center networking for cloud computing. <i>Computer Networks</i> , 2015 , 91, 528-547	5.4	66
454	Exploring Data Validity in Transportation Systems for Smart Cities 2017 , 55, 26-33		65

453	Survey on channel reciprocity based key establishment techniques for wireless systems. <i>Wireless Networks</i> , 2015 , 21, 1835-1846	2.5	64
452	Interoperable and adaptive fuzzy services for ambient intelligence applications. <i>ACM Transactions on Autonomous and Adaptive Systems</i> , 2010 , 5, 1-26	1.2	64
451	Differential Modulation for Bidirectional Relaying With Analog Network Coding. <i>IEEE Transactions on Signal Processing</i> , 2010 , 58, 3933-3938	4.8	64
450	A Molecular Communications Model for Drug Delivery. <i>IEEE Transactions on Nanobioscience</i> , 2015 , 14, 935-45	3.4	62
449	A Low-Latency Communication Scheme for Mobile Wireless Sensor Control Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 317-332	7.3	62
448	. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2010 , 21, 1254-1266	3.7	61
447	Neural networks for computer-aided diagnosis in medicine: A review. <i>Neurocomputing</i> , 2016 , 216, 700-708	9.4	60
446	BASA: building mobile Ad-Hoc social networks on top of android. <i>IEEE Network</i> , 2014 , 28, 4-9	11.4	60
445	. <i>IEEE/ACM Transactions on Networking</i> , 2013 , 21, 204-217	3.8	60
444	SecCloud: Bridging Secure Storage and Computation in Cloud 2010 ,		59
443	A sustainable heuristic QoS routing algorithm for pervasive multi-layered satellite wireless networks. <i>Wireless Networks</i> , 2010 , 16, 1657-1673	2.5	59
442	. <i>IEEE Intelligent Transportation Systems Magazine</i> , 2015 , 7, 62-79	2.6	58
441	Delay-Induced Synchronization of Identical Linear Multiagent Systems. <i>IEEE Transactions on Cybernetics</i> , 2013 , 43, 476-89	10.2	58
440	. <i>IEEE Transactions on Information Forensics and Security</i> , 2014 , 9, 1962-1973	8	57
439	Toward Incentivizing Anti-Spoofing Deployment. <i>IEEE Transactions on Information Forensics and Security</i> , 2014 , 9, 436-450	8	57
438	An effective service-oriented networking management architecture for 5G-enabled internet of things. <i>Computer Networks</i> , 2020 , 173, 107208	5.4	56
437	Towards Bayesian-Based Trust Management for Insider Attacks in Healthcare Software-Defined Networks. <i>IEEE Transactions on Network and Service Management</i> , 2018 , 15, 761-773	4.8	56
436	A novel self-tuning feedback controller for active queue management supporting TCP flows. <i>Information Sciences</i> , 2010 , 180, 2249-2263	7.7	56

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434	Energy-efficient and traffic-aware service function chaining orchestration in multi-domain networks. <i>Future Generation Computer Systems</i> , 2019 , 91, 347-360	7.5	56
433	Designing Blockchain-Based Access Control Protocol in IoT-Enabled Smart-Grid System. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 5744-5761	10.7	56
432	Thermal-Aware Scheduling of Batch Jobs in Geographically Distributed Data Centers. <i>IEEE Transactions on Cloud Computing</i> , 2014 , 2, 71-84	3.3	55
431	Provably secure three-party authenticated key agreement protocol using smart cards. <i>Computer Networks</i> , 2014 , 58, 29-38	5.4	55
430	Secure Authentication Scheme for Medicine Anti-Counterfeiting System in IoT Environment. <i>IEEE Internet of Things Journal</i> , 2017 , 4, 1634-1646	10.7	54
429	Passive IP Traceback: Disclosing the Locations of IP Spoofers From Path Backscatter. <i>IEEE Transactions on Information Forensics and Security</i> , 2015 , 10, 471-484	8	54
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424	Latency performance modeling and analysis for hyperledger fabric blockchain network. <i>Information Processing and Management</i> , 2021 , 58, 102436	6.3	53
423	Noncooperative and Cooperative Optimization of Electric Vehicle Charging Under Demand Uncertainty: A Robust Stackelberg Game. <i>IEEE Transactions on Vehicular Technology</i> , 2016 , 65, 1043-1058	6.8	52
422	Parallel Processing Systems for Big Data: A Survey. <i>Proceedings of the IEEE</i> , 2016 , 104, 2114-2136	14.3	52
421	Multi-Source Temporal Data Aggregation in Wireless Sensor Networks. <i>Wireless Personal Communications</i> , 2011 , 56, 359-370	1.9	52
420	On the throughput-energy tradeoff for data transmission between cloud and mobile devices. <i>Information Sciences</i> , 2014 , 283, 79-93	7.7	51
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413	Anomaly detection and predictive maintenance for photovoltaic systems. <i>Neurocomputing</i> , 2018 , 310, 59-68	5.4	50
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411	. <i>IEEE Journal on Selected Areas in Communications</i> , 2017 , 35, 2127-2136	14.2	49
410	Joint virtual machine assignment and traffic engineering for green data center networks. <i>Performance Evaluation Review</i> , 2014 , 41, 107-112	0.4	49
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