

Mohammad S Obaidat

List of Publications by Citations

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455
papers

5,953
citations

39
h-index

56
g-index

552
ext. papers

7,450
ext. citations

3.8
avg, IF

6.58
L-index

#	Paper	IF	Citations
455	A Cooperative Quality-Aware Service Access System for Social Internet of Vehicles. <i>IEEE Internet of Things Journal</i> , 2018 , 5, 2506-2517	10.7	195
454	. <i>IEEE Journal on Selected Areas in Communications</i> , 2009 , 27, 466-479	14.2	130
453	TSCA: A Temporal-Spatial Real-Time Charging Scheduling Algorithm for On-Demand Architecture in Wireless Rechargeable Sensor Networks. <i>IEEE Transactions on Mobile Computing</i> , 2018 , 17, 211-224	4.6	100
452	A robust and efficient password-based conditional privacy preserving authentication and group-key agreement protocol for VANETs. <i>Future Generation Computer Systems</i> , 2018 , 84, 216-227	7.5	93
451	Digital watermarking-based DCT and JPEG model. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2003 , 52, 1640-1647	5.2	92
450	. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2020 , 1-12	6.1	90
449	Soft-WSN: Software-Defined WSN Management System for IoT Applications. <i>IEEE Systems Journal</i> , 2018 , 12, 2074-2081	4.3	89
448	Wireless sensor network-based fire detection, alarming, monitoring and prevention system for Bord-and-Pillar coal mines. <i>Journal of Systems and Software</i> , 2012 , 85, 571-581	3.3	89
447	. <i>IEEE Systems Journal</i> , 2017 , 11, 1084-1093	4.3	88
446	. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 1352-1361	11.9	87
445	. <i>IEEE Network</i> , 2018 , 32, 66-73	11.4	86
444	Phonocardiogram signal analysis: techniques and performance comparison. <i>Journal of Medical Engineering and Technology</i> , 1993 , 17, 221-7	1.8	83
443	Coalition Games for Spatio-Temporal Big Data in Internet of Vehicles Environment: A Comparative Analysis. <i>IEEE Internet of Things Journal</i> , 2015 , 2, 310-320	10.7	81
442	Social-Oriented Adaptive Transmission in Opportunistic Internet of Smartphones. <i>IEEE Transactions on Industrial Informatics</i> , 2017 , 13, 810-820	11.9	77
441	Distributed Home Energy Management System With Storage in Smart Grid Using Game Theory. <i>IEEE Systems Journal</i> , 2017 , 11, 1857-1866	4.3	74
440	A Secure Three-Factor User Authentication Protocol With Forward Secrecy for Wireless Medical Sensor Network Systems. <i>IEEE Systems Journal</i> , 2020 , 14, 39-50	4.3	74
439	Collaborative Learning Automata-Based Routing for Rescue Operations in Dense Urban Regions Using Vehicular Sensor Networks. <i>IEEE Systems Journal</i> , 2015 , 9, 1081-1090	4.3	64

438	Random early detection for congestion avoidance in wired networks: a discretized pursuit learning-automata-like solution. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2010 , 40, 66-76		58
437	QoS-Guaranteed Bandwidth Shifting and Redistribution in Mobile Cloud Environment. <i>IEEE Transactions on Cloud Computing</i> , 2014 , 2, 181-193	3.3	57
436	Connectivity preserving localized coverage algorithm for area monitoring using wireless sensor networks. <i>Computer Communications</i> , 2011 , 34, 1484-1496	5.1	55
435	A Deep Learning Based Artificial Neural Network Approach for Intrusion Detection. <i>Communications in Computer and Information Science</i> , 2017 , 44-53	0.3	54
434	Efficient and Secure Anonymous Authentication With Location Privacy for IoT-Based WBANs. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 2603-2611	11.9	53
433	QUALITY OF SERVICE OPTIMIZATION IN AN IOT-DRIVEN INTELLIGENT TRANSPORTATION SYSTEM. <i>IEEE Wireless Communications</i> , 2019 , 26, 10-17	13.4	52
432	Clustering and splitting charging algorithms for large scaled wireless rechargeable sensor networks. <i>Journal of Systems and Software</i> , 2016 , 113, 381-394	3.3	51
431	A Learning Automata Based Solution for Preventing Distributed Denial of Service in Internet of Things 2011 ,		51
430	An ant swarm-inspired energy-aware routing protocol for wireless ad-hoc networks. <i>Journal of Systems and Software</i> , 2010 , 83, 2188-2199	3.3	51
429	New Clustering-Based Semantic Service Selection and User Preferential Model. <i>IEEE Systems Journal</i> , 2020 , 1-9	4.3	50
428	Novel Framework of Risk-Aware Virtual Network Embedding in Optical Data Center Networks. <i>IEEE Systems Journal</i> , 2018 , 12, 2473-2482	4.3	48
427	Performance Analysis of IEEE 802.15.6 MAC Protocol under Non-Ideal Channel Conditions and Saturated Traffic Regime. <i>IEEE Transactions on Computers</i> , 2015 , 64, 2912-2925	2.5	47
426	Selection of intermediate routes for secure data communication systems using graph theory application and grey wolf optimisation algorithm in MANETs. <i>IET Networks</i> , 2020 ,	2.8	46
425	Border Surveillance With WSN Systems in a Distributed Manner. <i>IEEE Systems Journal</i> , 2018 , 12, 3703-3712	4.3	45
424	GTCharge: A game theoretical collaborative charging scheme for wireless rechargeable sensor networks. <i>Journal of Systems and Software</i> , 2016 , 121, 88-104	3.3	43
423	Learning Automata-Based QoS Framework for Cloud IaaS. <i>IEEE Transactions on Network and Service Management</i> , 2014 , 11, 15-24	4.8	43
422	Vehicular Security Through Reputation and Plausibility Checks. <i>IEEE Systems Journal</i> , 2014 , 8, 384-394	4.3	43
421	Biometric Authentication Using Mouse Gesture Dynamics. <i>IEEE Systems Journal</i> , 2013 , 7, 262-274	4.3	43

420	. <i>IEEE Transactions on Industrial Electronics</i> , 1993 , 40, 235-242	8.9	43
419	Adaptive wireless networks using learning automata. <i>IEEE Wireless Communications</i> , 2011 , 18, 75-81	13.4	42
418	An ant colony optimization approach for reputation and quality-of-service-based security in wireless sensor networks. <i>Security and Communication Networks</i> , 2009 , 2, 215-224	1.9	42
417	A Lightweight Privacy-Preserving Authentication Protocol for VANETs. <i>IEEE Systems Journal</i> , 2020 , 14, 3547-3557	4.3	42
416	An adaptive task allocation technique for green cloud computing. <i>Journal of Supercomputing</i> , 2018 , 74, 370-385	2.5	39
415	LA-MHR: Learning Automata Based Multilevel Heterogeneous Routing for Opportunistic Shared Spectrum Access to Enhance Lifetime of WSN. <i>IEEE Systems Journal</i> , 2019 , 13, 313-323	4.3	39
414	EEAODR: An energy-efficient ad hoc on-demand routing protocol for mobile ad hoc networks. <i>International Journal of Communication Systems</i> , 2009 , 22, 789-817	1.7	38
413	Combining Mouse and Keystroke Dynamics Biometrics for Risk-Based Authentication in Web Environments 2012 ,		36
412	LAID: a learning automata-based scheme for intrusion detection in wireless sensor networks. <i>Security and Communication Networks</i> , 2009 , 2, 105-115	1.9	35
411	An efficient approach for distributed dynamic channel allocation with queues for real-time and non-real-time traffic in cellular networks. <i>Journal of Systems and Software</i> , 2009 , 82, 1112-1124	3.3	34
410	FORK: A novel two-pronged strategy for an agent-based intrusion detection scheme in ad-hoc networks. <i>Computer Communications</i> , 2008 , 31, 3855-3869	5.1	34
409	A Lightweight and Provably Secure Key Agreement System for a Smart Grid With Elliptic Curve Cryptography. <i>IEEE Systems Journal</i> , 2019 , 13, 2830-2838	4.3	34
408	Authorship verification using deep belief network systems. <i>International Journal of Communication Systems</i> , 2017 , 30, e3259	1.7	32
407	Safety Challenges and Solutions in Mobile Social Networks. <i>IEEE Systems Journal</i> , 2015 , 9, 834-854	4.3	31
406	Existence of dumb nodes in stationary wireless sensor networks. <i>Journal of Systems and Software</i> , 2014 , 91, 135-146	3.3	31
405	FACES: Friend-Based Ad Hoc Routing Using Challenges to Establish Security in MANETs Systems. <i>IEEE Systems Journal</i> , 2011 , 5, 176-188	4.3	30
404	Learning automaton-based self-protection algorithm for wireless sensor networks. <i>IET Networks</i> , 2018 , 7, 353-361	2.8	29
403	Design and Analysis of an Enhanced Patient-Server Mutual Authentication Protocol for Telecare Medical Information System. <i>Journal of Medical Systems</i> , 2015 , 39, 137	5.1	28

402	Security analysis and design of an efficient ECC-based two-factor password authentication scheme. <i>Security and Communication Networks</i> , 2016 , 9, 4166-4181	1.9	28
401	Networks of learning automata for the vehicular environment: a performance analysis study. <i>IEEE Wireless Communications</i> , 2014 , 21, 41-47	13.4	28
400	Application of Deep Learning to Sentiment Analysis for recommender system on cloud 2017 ,		27
399	A probabilistic zonal approach for swarm-inspired wildfire detection using sensor networks. <i>International Journal of Communication Systems</i> , 2008 , 21, 1047-1073	1.7	27
398	A robust ElGamal-based password-authentication protocol using smart card for client-server communication. <i>International Journal of Communication Systems</i> , 2017 , 30, e3242	1.7	26
397	Learning Automata Based Sentiment Analysis for recommender system on cloud 2013 ,		26
396	A low-overhead fault-tolerant routing algorithm for mobile ad hoc networks: A scheme and its simulation analysis. <i>Simulation Modelling Practice and Theory</i> , 2010 , 18, 637-649	3.9	26
395	Residential Energy Management in Smart Grid: A Markov Decision Process-Based Approach 2013 ,		25
394	Resource-Optimized Multiarmed Bandit-Based Offload Path Selection in Edge UAV Swarms. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 4889-4896	10.7	25
393	On the placement of controllers in software-Defined-WAN using meta-heuristic approach. <i>Journal of Systems and Software</i> , 2018 , 145, 180-194	3.3	25
392	Local Similarity Imputation Based on Fast Clustering for Incomplete Data in Cyber-Physical Systems. <i>IEEE Systems Journal</i> , 2018 , 12, 1610-1620	4.3	24
391	GTCCS: A Game Theoretical Collaborative Charging Scheduling for On-Demand Charging Architecture. <i>IEEE Transactions on Vehicular Technology</i> , 2018 , 67, 12124-12136	6.8	24
390	Clustering-Driven Wireless Data Broadcasting. <i>IEEE Wireless Communications</i> , 2009 , 16, 80-87	13.4	23
389	UWSim: A Simulator for Underwater Sensor Networks. <i>Simulation</i> , 2008 , 84, 327-338	1.2	23
388	Provably Secure and Anonymous Password Authentication Protocol for Roaming Service in Global Mobility Networks Using Extended Chaotic Maps. <i>Wireless Personal Communications</i> , 2015 , 84, 2013-2034	1.9	22
387	. <i>IEEE Systems Journal</i> , 2016 , 10, 628-636	4.3	22
386	An anonymous and provably secure authentication scheme for mobile user. <i>International Journal of Communication Systems</i> , 2016 , 29, 1529-1544	1.7	22
385	2010 ,		22

384	Movement-Based Solutions to Energy Limitation in Wireless Sensor Networks: State of the Art and Future Trends. <i>IEEE Network</i> , 2021 , 35, 188-193	11.4	22
383	MR-Chord: Improved Chord Lookup Performance in Structured Mobile P2P Networks. <i>IEEE Systems Journal</i> , 2015 , 9, 743-751	4.3	21
382	Online risk-based authentication using behavioral biometrics. <i>Multimedia Tools and Applications</i> , 2014 , 71, 575-605	2.5	21
381	Providing reliable and link stability-based geocasting model in underwater environment. <i>International Journal of Communication Systems</i> , 2012 , 25, 356-375	1.7	21
380	Efficient medium access control for cyberphysical systems with heterogeneous networks. <i>IEEE Systems Journal</i> , 2015 , 9, 22-30	4.3	20
379	A robust mutual authentication protocol for WSN with multiple base-stations. <i>Ad Hoc Networks</i> , 2018 , 75-76, 1-18	4.8	20
378	Towards an incentive-compatible, reputation-based framework for stimulating cooperation in opportunistic networks: a survey. <i>IET Networks</i> , 2017 , 6, 169-178	2.8	20
377	. <i>Computing in Science and Engineering</i> , 2004 , 6, 35-42	1.5	20
376	A methodology for improving computer access security. <i>Computers and Security</i> , 1993 , 12, 657-662	4.9	20
375	Temporal-Correlation-Aware Dynamic Self-Management of Wireless Sensor Networks. <i>IEEE Transactions on Industrial Informatics</i> , 2016 , 12, 2127-2138	11.9	20
374	Extracting mobility pattern from target trajectory in wireless sensor networks. <i>International Journal of Communication Systems</i> , 2015 , 28, 213-230	1.7	19
373	Network-coded multiple-source cooperation aided relaying for free-space optical transmission. <i>International Journal of Communication Systems</i> , 2012 , 25, 1465-1478	1.7	19
372	Principles of Wireless Sensor Networks 2012 ,		19
371	PRATIT: a CNN-based emotion recognition system using histogram equalization and data augmentation. <i>Multimedia Tools and Applications</i> , 2020 , 79, 2285-2307	2.5	19
370	A high efficient node capture attack algorithm in wireless sensor network based on route minimum key set. <i>Security and Communication Networks</i> , 2013 , 6, 230-238	1.9	18
369	. <i>IEEE Wireless Communications</i> , 2011 , 18, 82-88	13.4	18
368	Feedback Suppression in Multicast Satellite Networks Using Game Theory. <i>IEEE Systems Journal</i> , 2012 , 6, 657-666	4.3	18
367	Towards a framework for large-scale multimedia data storage and processing on Hadoop platform. <i>Journal of Supercomputing</i> , 2014 , 68, 488-507	2.5	17

366	2012,		17
365	. <i>IEEE Internet of Things Journal</i> , 2020 , 7, 6056-6068	10.7	17
364	Provably Secure Pairing-Free Identity-Based Partially Blind Signature Scheme and Its Application in Online E-cash System. <i>Arabian Journal for Science and Engineering</i> , 2016 , 41, 3163-3176		17
363	MEGAN: Multipurpose Energy-Efficient, Adaptable, and Low-Cost Wireless Sensor Node for the Internet of Things. <i>IEEE Systems Journal</i> , 2020 , 14, 144-151	4.3	17
362	A Reinforcement Learning-Based Network Traffic Prediction Mechanism in Intelligent Internet of Things. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 2169-2180	11.9	17
361	Smart mobility management in 5G heterogeneous networks. <i>IET Networks</i> , 2018 , 7, 119-128	2.8	16
360	Situation-Aware Protocol Switching in Software-Defined Wireless Sensor Network Systems. <i>IEEE Systems Journal</i> , 2018 , 12, 2353-2360	4.3	16
359	Adaptive call admission control in 3GPP LTE networks. <i>International Journal of Communication Systems</i> , 2014 , 27, 1522-1534	1.7	16
358	IGFS: A New MAC Protocol Exploiting Heterogeneous Propagation Delays in the Dynamic Bandwidth Allocation on WDM-EPON. <i>IEEE Systems Journal</i> , 2010 , 4, 49-56	4.3	16
357	WHOMoVeS: An optimized broadband sensor network for military vehicle tracking. <i>International Journal of Communication Systems</i> , 2008 , 21, 277-300	1.7	16
356	DEESR: Dynamic Energy Efficient and Secure Routing Protocol for Wireless Sensor Networks in Urban Environments. <i>Journal of Information Processing Systems</i> , 2010 , 6, 269-294		16
355	2016,		16
354	PFCBAS: Pairing Free and Provable Certificate-Based Aggregate Signature Scheme for the e-Healthcare Monitoring System. <i>IEEE Systems Journal</i> , 2020 , 14, 1704-1715	4.3	16
353	. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 1947-1956	11.9	16
352	Cryptography-Based Misbehavior Detection and Trust Control Mechanism for Opportunistic Network Systems. <i>IEEE Systems Journal</i> , 2018 , 12, 3191-3202	4.3	15
351	Finding overlapping communities in a complex network of social linkages and Internet of things. <i>Journal of Supercomputing</i> , 2013 , 66, 1749-1772	2.5	15
350	An adaptive learning approach for fault-tolerant routing in Internet of Things 2012,		15
349	A novel Geocast technique with hole detection in underwater sensor networks 2010,		15

348	Cluster-Based Cross-Layer Design for Cooperative Caching in Mobile Ad Hoc Networks. <i>IEEE Systems Journal</i> , 2009 , 3, 499-508	4-3	15
347	Cache-Aware Computation Offloading in IoT Systems. <i>IEEE Systems Journal</i> , 2020 , 14, 61-72	4-3	15
346	A Provably Secure and Lightweight Identity-Based Two-Party Authenticated Key Agreement Protocol for IIoT Environments. <i>IEEE Systems Journal</i> , 2021 , 15, 1732-1741	4-3	15
345	. <i>IEEE Transactions on Dependable and Secure Computing</i> , 2021 , 1-1	3-9	15
344	Authenticated Key Agreement Scheme With User Anonymity and Untraceability for 5G-Enabled Softwarized Industrial Cyber-Physical Systems. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 1-15	6-1	15
343	D3: distributed approach for the detection of dumb nodes in wireless sensor networks. <i>International Journal of Communication Systems</i> , 2017 , 30, e2913	1-7	14
342	AID: A prototype for Agricultural Intrusion Detection using Wireless Sensor Network 2015 ,		14
341	A Robust Reputation-Based Computational Model for Trust Establishment in Pervasive Systems. <i>IEEE Systems Journal</i> , 2015 , 9, 878-891	4-3	14
340	An efficient and provable certificate-based proxy signature scheme for IIoT environment. <i>Information Sciences</i> , 2020 , 518, 142-156	7-7	14
339	Learning Automata-Based Data Aggregation Tree Construction Framework for Cyber-Physical Systems. <i>IEEE Systems Journal</i> , 2018 , 12, 1467-1479	4-3	14
338	BUA: A Blockchain-based Unlinkable Authentication in VANETs 2020 ,		14
337	. <i>IEEE Systems Journal</i> , 2019 , 13, 1514-1525	4-3	14
336	A secure and privacy preserving lightweight authentication scheme for smart-grid communication using elliptic curve cryptography. <i>Journal of Systems Architecture</i> , 2021 , 114, 101938	5-5	14
335	DEMANDS: Distributed Energy Management Using Noncooperative Scheduling in Smart Grid. <i>IEEE Systems Journal</i> , 2018 , 12, 2645-2653	4-3	13
334	Context-aware quality of service in wireless sensor networks 2014 , 52, 16-23		13
333	An acoustic communication based AQUA-GLOMO simulator for underwater networks. <i>Human-centric Computing and Information Sciences</i> , 2012 , 2, 3	5-4	13
332	2012 ,		13
331	. <i>IEEE Wireless Communications</i> , 2009 , 16, 70-78	13-4	13

330	Bandwidth-Effective Design of a Satellite-Based Hybrid Wireless Sensor Network for Mobile Target Detection and Tracking. <i>IEEE Systems Journal</i> , 2008 , 2, 74-82	4.3	13
329	Efficient and secure business model for content centric network using elliptic curve cryptography. <i>International Journal of Communication Systems</i> , 2019 , 32, e3839	1.7	13
328	Biometric Security and Internet of Things (IoT) 2019 , 477-509		13
327	. <i>IEEE Systems Journal</i> , 2017 , 11, 2929-2938	4.3	12
326	Wireless Body Area Networks with varying traffic in epidemic medical emergency situation 2015 ,		12
325	Learning automata based optimized multipath routing using leapfrog algorithm for VANETs 2017 ,		12
324	An ant-swarm inspired energy-efficient ad hoc on-demand routing protocol for mobile ad hoc networks 2013 ,		12
323	Detection of Identity-Based Attacks in Wireless Sensor Networks Using Signalprints 2010 ,		12
322	Node Stability-Based Location Updating in Mobile Ad-Hoc Networks. <i>IEEE Systems Journal</i> , 2008 , 2, 237-247	4.3	12
321	An approach for solving fully fuzzy multi-objective linear fractional optimization problems. <i>Soft Computing</i> , 2020 , 24, 9105-9119	3.5	12
320	MREA: a minimum resource expenditure node capture attack in wireless sensor networks. <i>Security and Communication Networks</i> , 2016 , 9, 5502-5517	1.9	12
319	An IBE Technique Using Partial Discrete Logarithm. <i>Procedia Computer Science</i> , 2016 , 93, 735-741	1.6	12
318	. <i>IEEE Systems Journal</i> , 2020 , 14, 1195-1205	4.3	12
317	A pairing-free certificateless digital multisignature scheme using elliptic curve cryptography. <i>International Journal of Computer Mathematics</i> , 2017 , 94, 39-55	1.2	11
316	ElGamal cryptosystem-based secure authentication system for cloud-based IoT applications. <i>IET Networks</i> , 2019 , 8, 289-298	2.8	11
315	A novel security scheme for behavioral authentication systems based on keystroke dynamics. <i>Security and Privacy</i> , 2019 , 2, e64	1.8	11
314	A PKI Adapted Model for Secure Information Dissemination in Industrial Control and Automation 6LoWPANs. <i>IEEE Access</i> , 2015 , 3, 875-889	3.5	11
313	An Energy Sensitive Computation Offloading Strategy in Cloud Robotic Network Based on GA. <i>IEEE Systems Journal</i> , 2019 , 13, 3513-3523	4.3	11

312	A New Scheme for IoT Service Function Chains Orchestration in SDN-IoT Network Systems. <i>IEEE Systems Journal</i> , 2019 , 13, 4081-4092	4.3	11
311	An analytical study of resource division and its impact on power and performance of multi-core processors. <i>Journal of Supercomputing</i> , 2014 , 68, 1265-1279	2.5	11
310	Dynamic sample size detection in learning command line sequence for continuous authentication. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2012 , 42, 1343-56		11
309	An enhanced mutual authentication and key establishment protocol for TMIS using chaotic map. <i>Journal of Information Security and Applications</i> , 2020 , 53, 102539	3.5	11
308	An Efficient Elliptic Curve Cryptography-Based Without Pairing KPABE for Internet of Things. <i>IEEE Systems Journal</i> , 2020 , 14, 2154-2163	4.3	11
307	Mobility-Aware Flow-Table Implementation in Software-Defined IoT 2016 ,		11
306	Contact Tracing Incentive for COVID-19 and other Pandemic Diseases from a Crowdsourcing Perspective. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	11
305	Efficient online/offline IBSS protocol using partial discrete logarithm for WSNs. <i>IET Networks</i> , 2018 , 7, 363-367	2.8	11
304	Utility-Aware Charging Scheduling for Multiple Mobile Chargers in Large-Scale Wireless Rechargeable Sensor Networks. <i>IEEE Transactions on Sustainable Computing</i> , 2020 , 1-1	3.5	10
303	CFR: A cooperative link failure recovery scheme in software-defined networks. <i>International Journal of Communication Systems</i> , 2018 , 31, e3560	1.7	10
302	Learning automata based decision making algorithm for task offloading in mobile cloud 2016 ,		10
301	An efficient design and validation technique for secure handover between 3GPP LTE and WLANs systems. <i>Journal of Systems and Software</i> , 2014 , 91, 163-173	3.3	10
300	Secure socket layer certificate verification: a learning automata approach. <i>Security and Communication Networks</i> , 2014 , 7, 1712-1718	1.9	10
299	An altruism-based trust-dependent message forwarding protocol for opportunistic networks. <i>International Journal of Communication Systems</i> , 2017 , 30, e3232	1.7	10
298	Energy-efficient smart metering for green smart grid communication 2014 ,		10
297	An Unlinkable Authenticated Key Agreement With Collusion Resistant for VANETs. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 70, 7992-8006	6.8	10
296	. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 7123-7132	11.9	10
295	Design of a Certificateless Designated Server Based Searchable Public Key Encryption Scheme. <i>Communications in Computer and Information Science</i> , 2017 , 3-15	0.3	9

294	QualityScan scheme for load balancing efficiency in vehicular ad hoc networks (VANETs). <i>Journal of Systems and Software</i> , 2015 , 104, 60-68	3.3	9
293	Chebyshev chaotic map-based ID-based cryptographic model using subtree and fuzzy-entity data sharing for public key cryptography. <i>Security and Privacy</i> , 2018 , 1, e12	1.8	9
292	Multilayered Impact Evaluation Model for Attacking Missions. <i>IEEE Systems Journal</i> , 2016 , 10, 1304-1315	4.3	9
291	Dynamic intelligence towards merging cloud and communication services. <i>Information Systems Frontiers</i> , 2014 , 16, 1-5	4	9
290	Energized geocasting model for underwater wireless sensor networks. <i>Simulation Modelling Practice and Theory</i> , 2013 , 37, 125-138	3.9	9
289	Time efficient dynamic threshold-based load balancing technique for Cloud Computing 2017 ,		9
288	An efficient learning automata based task offloading in mobile cloud computing environments 2017 ,		9
287	Energy-Efficient Prophet-PRoWait-EDR Protocols for Opportunistic Networks 2017 ,		9
286	Design of provably secure and efficient certificateless blind signature scheme using bilinear pairing. <i>Security and Communication Networks</i> , 2015 , 8, 4319-4332	1.9	9
285	Economics of customer's decisions in smart grid. <i>IET Networks</i> , 2015 , 4, 37-43	2.8	9
284	An ID-based Quadratic-Exponentiation Randomized Cryptographic scheme 2015 ,		9
283	A cryptography-based protocol against packet dropping and message tampering attacks on mobile ad hoc networks. <i>Security and Communication Networks</i> , 2014 , 7, 376-384	1.9	9
282	Prioritized payload tuning mechanism for wireless body area network-based healthcare systems 2014 ,		9
281	GROOV: A geographic routing over VANETs and its performance evaluation 2012 ,		9
280	A Secure and Energy-Efficient Scheme for Group-Based Routing in Heterogeneous Ad Hoc Sensor Networks and Its Simulation Analysis. <i>Simulation</i> , 2008 , 84, 131-146	1.2	9
279	A novel node architecture for optical networks: Modeling, analysis and performance evaluation. <i>Computer Communications</i> , 2007 , 30, 999-1014	5.1	9
278	An efficient adaptive bus arbitration scheme for scalable shared-medium ATM switch. <i>Computer Communications</i> , 2001 , 24, 790-797	5.1	9
277	Performance Evaluation of Computer and Telecommunications Systems. <i>Simulation</i> , 1999 , 72, 280-282	1.2	9

276	. <i>IEEE Transactions on Instrumentation and Measurement</i> , 1991 , 40, 847-850	5.2	9
275	Swarm intelligence-based radio resource management for V2V-based D2D communication. <i>International Journal of Communication Systems</i> , 2019 , 32, e3817	1.7	9
274	Efficient and secure content dissemination architecture for content centric network using ECC-based public key infrastructure. <i>Computer Communications</i> , 2020 , 157, 187-203	5.1	9
273	Efficient Identity-Based Distributed Decryption Scheme for Electronic Personal Health Record Sharing System. <i>IEEE Journal on Selected Areas in Communications</i> , 2021 , 39, 384-395	14.2	9
272	Hybrid charging scheduling schemes for three-dimensional underwater wireless rechargeable sensor networks. <i>Journal of Systems and Software</i> , 2018 , 146, 42-58	3.3	9
271	Enabling Efficient Data Sharing With Auditable User Revocation for IoV Systems. <i>IEEE Systems Journal</i> , 2021 , 1-12	4.3	9
270	Oceanic forces and their impact on the performance of mobile underwater acoustic sensor networks. <i>International Journal of Communication Systems</i> , 2017 , 30, e2882	1.7	8
269	An anonymous and robust multi-server authentication protocol using multiple registration servers. <i>International Journal of Communication Systems</i> , 2017 , 30, e3457	1.7	8
268	Smart-Evac: Big Data-Based Decision Making for Emergency Evacuation. <i>IEEE Cloud Computing</i> , 2015 , 2, 58-65		8
267	Web service discovery utilizing logical reasoning and semantic similarity. <i>International Journal of Communication Systems</i> , 2018 , 31, e3561	1.7	8
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