

# Choong Seon Hong

## List of Publications by Year in Descending Order

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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.

566  
papers

7,362  
citations

39  
h-index

64  
g-index

684  
ext. papers

9,860  
ext. citations

3.5  
avg, IF

6.95  
L-index

#	Paper	IF	Citations
566	QoE optimization for HTTP adaptive streaming: Performance evaluation of MEC-assisted and client-based methods. <i>Journal of Visual Communication and Image Representation</i> , <b>2022</b> , 82, 103415	2.7	0
565	Digital-Twin-Enabled 6G: Vision, Architectural Trends, and Future Directions. <i>IEEE Communications Magazine</i> , <b>2022</b> , 60, 74-80	9.1	19
564	Risk Adversarial Learning System for Connected and Autonomous Vehicle Charging. <i>IEEE Internet of Things Journal</i> , <b>2022</b> , 1-1	10.7	0
563	Internet of things for secure surveillance for sewage wastewater treatment systems. <i>Environmental Research</i> , <b>2022</b> , 203, 111899	7.9	0
562	Intelligent EV Charging for Urban Prosumer Communities: An Auction and Multi-Agent Deep Reinforcement Learning Approach. <i>IEEE Transactions on Network and Service Management</i> , <b>2022</b> , 1-1	4.8	0
561	Affirmative Fusion Process for Improving Wearable Sensor Data Availability in Artificial Intelligence of Medical Things. <i>IEEE Sensors Journal</i> , <b>2022</b> , 1-1	4	1
560	A Deep Learning Accelerator Based on a Streaming Architecture for Binary Neural Networks. <i>IEEE Access</i> , <b>2022</b> , 10, 21141-21159	3.5	2
559	Energy-Efficient Resource Allocation in Multi-UAV-Assisted Two-Stage Edge Computing for Beyond 5G Networks. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2022</b> , 1-12	6.1	4
558	Distributed Auction-Based Incentive Mechanism for Energy Trading between Electric Vehicles and Mobile Charging Stations. <i>IEEE Access</i> , <b>2022</b> , 1-1	3.5	1
557	Runtime Testability on Autonomous System. <i>IEEE Transactions on Reliability</i> , <b>2022</b> , 1-15	4.6	
556	Edge Intelligence for Autonomous Driving Cars <b>2022</b> , 223-259		
555	Incentive Mechanisms for Federated Learning. <i>Wireless Networks</i> , <b>2021</b> , 71-128	0.6	0
554	Vehicular Networks and Autonomous Driving Cars. <i>Wireless Networks</i> , <b>2021</b> , 179-220	0.6	
553	Wireless Virtual Reality. <i>Wireless Networks</i> , <b>2021</b> , 155-178	0.6	
552	Fundamentals of Federated Learning. <i>Wireless Networks</i> , <b>2021</b> , 11-23	0.6	0
551	Smart Industries and Intelligent Reflecting Surfaces. <i>Wireless Networks</i> , <b>2021</b> , 221-239	0.6	1
550	ST-BFL: A Structured Transparency Empowered Cross-Silo Federated Learning on the Blockchain Framework. <i>IEEE Access</i> , <b>2021</b> , 9, 155634-155650	3.5	5

549	Security and Privacy. <i>Wireless Networks</i> , <b>2021</b> , 129-141	0.6	
548	Radio and Computing Resource Allocation in Co-located Edge Computing: A Generalized Nash Equilibrium Model. <i>IEEE Transactions on Mobile Computing</i> , <b>2021</b> , 1-1	4.6	1
547	Dispersed Federated Learning: Vision, Taxonomy, and Future Directions. <i>IEEE Wireless Communications</i> , <b>2021</b> , 1-7	13.4	6
546	. <i>IEEE Transactions on Wireless Communications</i> , <b>2021</b> , 20, 1935-1949	9.6	121
545	Internet of Planets (IoP): A New Era of the Internet. <i>IT Professional</i> , <b>2021</b> , 23, 76-81	1.9	1
544	Blockchain for IoT-based smart cities: Recent advances, requirements, and future challenges. <i>Journal of Network and Computer Applications</i> , <b>2021</b> , 181, 103007	7.9	44
543	Cloud- and IoT-based deep learning technique-incorporated secured health monitoring system for dead diseases. <i>Soft Computing</i> , <b>2021</b> , 25, 12159-12174	3.5	2
542	When CVaR Meets With Bluetooth PAN: A Physical Distancing System for COVID-19 Proactive Safety. <i>IEEE Sensors Journal</i> , <b>2021</b> , 21, 13858-13869	4	4
541	Ruin Theory for Energy-Efficient Resource Allocation in UAV-Assisted Cellular Networks. <i>IEEE Transactions on Communications</i> , <b>2021</b> , 69, 3943-3956	6.9	4
540	Joint Location, Bandwidth and Power Optimization for THz-Enabled UAV Communications. <i>IEEE Communications Letters</i> , <b>2021</b> , 25, 1984-1988	3.8	11
539	On the Optimality of Reconfigurable Intelligent Surfaces (RISs): Passive Beamforming, Modulation, and Resource Allocation. <i>IEEE Transactions on Wireless Communications</i> , <b>2021</b> , 20, 4347-4363	9.6	22
538	FedSVRG Based Communication Efficient Scheme for Federated Learning in MEC Networks. <i>IEEE Transactions on Vehicular Technology</i> , <b>2021</b> , 70, 7300-7304	6.8	3
537	Latency-Sensitive Service Delivery With UAV-Assisted 5G Networks. <i>IEEE Wireless Communications Letters</i> , <b>2021</b> , 10, 1518-1522	5.9	2
536	. <i>IEEE Transactions on Wireless Communications</i> , <b>2021</b> , 20, 4585-4600	9.6	45
535	Deep Learning Based Caching for Self-Driving Cars in Multi-Access Edge Computing. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2021</b> , 22, 2862-2877	6.1	44
534	On the Role of Hash-Based Signatures in Quantum-Safe Internet of Things: Current Solutions and Future Directions. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 8, 1-17	10.7	14
533	Coexistence Mechanism Between eMBB and uRLLC in 5G Wireless Networks. <i>IEEE Transactions on Communications</i> , <b>2021</b> , 69, 1736-1749	6.9	27
532	Energy-Efficient Resource Management in UAV-Assisted Mobile Edge Computing. <i>IEEE Communications Letters</i> , <b>2021</b> , 25, 249-253	3.8	29

531	Latency Minimization in a Fuzzy-Based Mobile Edge Orchestrator for IoT Applications. <i>IEEE Communications Letters</i> , <b>2021</b> , 25, 84-88	3.8	6
530	3D Channel Characterization and Performance Analysis of UAV-Assisted Millimeter Wave Links. <i>IEEE Transactions on Wireless Communications</i> , <b>2021</b> , 20, 110-125	9.6	15
529	Trustworthy Digital Twins in the Industrial Internet of Things with Blockchain. <i>IEEE Internet Computing</i> , <b>2021</b> , 1-1	2.4	20
528	Cross-Silo Model-Based Secure Federated Transfer Learning for Flow-Based Traffic Classification <b>2021</b> ,		6
527	Multi-UAV-Assisted MEC System: Joint Association and Resource Management Framework <b>2021</b> ,		4
526	On-device Computational Caching-Enabled Augmented Reality for 5G and Beyond: A Contract Theory-Based Incentive Mechanism. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 1-1	10.7	3
525	Clouds Proportionate Medical Data Stream Analytics for Internet of Things-based Healthcare Systems. <i>IEEE Journal of Biomedical and Health Informatics</i> , <b>2021</b> , PP,	7.2	6
524	Edge-assisted Democratized Learning Towards Federated Analytics. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 1-1	10.7	6
523	. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2021</b> , 1-16	6.1	5
522	Ultra-Reliable Indoor Millimeter Wave Communications using Multiple Artificial Intelligence-Powered Intelligent Surfaces. <i>IEEE Transactions on Communications</i> , <b>2021</b> , 1-1	6.9	0
521	Federated Learning Over Wireless Networks: Convergence Analysis and Resource Allocation. <i>IEEE/ACM Transactions on Networking</i> , <b>2021</b> , 29, 398-409	3.8	60
520	Distributed and Democratized Learning: Philosophy and Research Challenges. <i>IEEE Computational Intelligence Magazine</i> , <b>2021</b> , 16, 49-62	5.6	3
519	Matching-Theory-Based Low-Latency Scheme for Multitask Federated Learning in MEC Networks. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 8, 11415-11426	10.7	19
518	An Incentive Mechanism for Federated Learning in Wireless Cellular Networks: An Auction Approach. <i>IEEE Transactions on Wireless Communications</i> , <b>2021</b> , 20, 4874-4887	9.6	21
517	UAV-Assisted Free Space Optical Communication System With Amplify-and-Forward Relaying. <i>IEEE Transactions on Vehicular Technology</i> , <b>2021</b> , 70, 8926-8936	6.8	6
516	Cyber Insurance Design for Validator Rotation in Sharded Blockchain Networks: A Hierarchical Game-Based Approach. <i>IEEE Transactions on Network and Service Management</i> , <b>2021</b> , 18, 3092-3106	4.8	3
515	Socially-Aware-Clustering-Enabled Federated Learning for Edge Networks. <i>IEEE Transactions on Network and Service Management</i> , <b>2021</b> , 18, 2641-2658	4.8	6
514	Multi-Agent Meta-Reinforcement Learning for Self-Powered and Sustainable Edge Computing Systems. <i>IEEE Transactions on Network and Service Management</i> , <b>2021</b> , 18, 3353-3374	4.8	4

513	Data Freshness and Energy-Efficient UAV Navigation Optimization: A Deep Reinforcement Learning Approach. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2021</b> , 22, 5994-6006	6.1	25
512	Risk-Aware Energy Scheduling for Edge Computing With Microgrid: A Multi-Agent Deep Reinforcement Learning Approach. <i>IEEE Transactions on Network and Service Management</i> , <b>2021</b> , 18, 3476-3497	4.8	9
511	CROWD-CDN: A cryptocurrency incentivized crowdsourced peer-to-peer content delivery framework. <i>Computer Communications</i> , <b>2021</b> , 179, 260-271	5.1	2
510	Energy-Aware Resource Management for Federated Learning in Multi-Access Edge Computing Systems. <i>IEEE Access</i> , <b>2021</b> , 9, 34938-34950	3.5	7
509	Federated Learning for Internet of Things: Recent Advances, Taxonomy, and Open Challenges. <i>IEEE Communications Surveys and Tutorials</i> , <b>2021</b> , 23, 1759-1799	37.1	67
508	Federated Learning for Task and Resource Allocation in Wireless High Altitude Balloon Networks. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 1-1	10.7	16
507	Distributed Radio Slice Allocation in Wireless Network Virtualization: Matching Theory Meets Auctions. <i>IEEE Access</i> , <b>2020</b> , 8, 73494-73507	3.5	10
506	Sharing Incentive Mechanism, Task Assignment and Resource Allocation for Task Offloading in Vehicular Mobile Edge Computing <b>2020</b> ,		1
505	Auction based Incentive Design for Efficient Federated Learning in Cellular Wireless Networks <b>2020</b> ,		7
504	Day-ahead Energy Sharing Schedule for the P2P Prosumer Community Using LSTM and Swarm Intelligence <b>2020</b> ,		3
503	Towards Flying Mobile Edge Computing <b>2020</b> ,		5
502	Performance Evaluation of Edge Computing Assisted Adaptive Streaming Algorithms <b>2020</b> ,		2
501	Joint Offloading and IEEE 802.11p-Based Contention Control in Vehicular Edge Computing. <i>IEEE Wireless Communications Letters</i> , <b>2020</b> , 1-1	5.9	6
500	Self Organizing Federated Learning Over Wireless Networks: A Socially Aware Clustering Approach <b>2020</b> ,		21
499	Provenance-enabled packet path tracing in the RPL-based internet of things. <i>Computer Networks</i> , <b>2020</b> , 173, 107189	5.4	11
498	UAV-Assisted Multi-Access Edge Computing System: An Energy-Efficient Resource Management Framework <b>2020</b> ,		9
497	Quality Adaptation and Resource Allocation for Scalable Video in D2D Communication Networks. <i>IEEE Access</i> , <b>2020</b> , 8, 48060-48073	3.5	2
496	Machine Learning Based Edge-Assisted UAV Computation Offloading for Data Analyzing <b>2020</b> ,		6

495	Edge Computing Resources Reservation in Vehicular Networks: A Meta-Learning Approach. <i>IEEE Transactions on Vehicular Technology</i> , <b>2020</b> , 69, 5634-5646	6.8	22
494	Radio Resource Management Techniques for 5G Verticals <b>2020</b> , 119-136		3
493	Collaborative Task Offloading for Overloaded Mobile Edge Computing in Small-Cell Networks <b>2020</b> ,		4
492	Unmanned Aerial Vehicle Allocation and Deep Learning based Content Caching in Wireless Network <b>2020</b> ,		4
491	Joint Radio Resource Allocation and Content Caching in Heterogeneous Virtualized Wireless Networks. <i>IEEE Access</i> , <b>2020</b> , 8, 36764-36775	3.5	11
490	Network Slicing: Recent Advances, Taxonomy, Requirements, and Open Research Challenges. <i>IEEE Access</i> , <b>2020</b> , 8, 36009-36028	3.5	52
489	A Crowdsourcing Framework for On-Device Federated Learning. <i>IEEE Transactions on Wireless Communications</i> , <b>2020</b> , 19, 3241-3256	9.6	75
488	CM2D: Cost Minimization Under the Competitive Market in Dynamic Social Networks. <i>IEEE Access</i> , <b>2020</b> , 8, 4428-4441	3.5	1
487	Federated Learning Based Mobile Edge Computing for Augmented Reality Applications <b>2020</b> ,		13
486	Edge-Computing-Enabled Smart Cities: A Comprehensive Survey. <i>IEEE Internet of Things Journal</i> , <b>2020</b> , 7, 10200-10232	10.7	104
485	Let's Share the Resource When We're Co-Located: Colocation Edge Computing. <i>IEEE Transactions on Vehicular Technology</i> , <b>2020</b> , 69, 5618-5633	6.8	3
484	. <i>IEEE Access</i> , <b>2020</b> , 8, 168854-168864	3.5	18
483	Flexible computation offloading in a fuzzy-based mobile edge orchestrator for IoT applications. <i>Journal of Cloud Computing: Advances, Systems and Applications</i> , <b>2020</b> , 9, 66	3.2	5
482	Cross-Silo Horizontal Federated Learning for Flow-based Time-related-Features Oriented Traffic Classification <b>2020</b> ,		3
481	Energy-Efficient Offloading and User Association in UAV-assisted Vehicular Ad Hoc Network <b>2020</b> ,		1
480	Federated Learning for Cellular Networks: Joint User Association and Resource Allocation <b>2020</b> ,		4
479	Heterogeneous Projection of Disruptive Malware Prevalence in Mobile Social Networks. <i>IEEE Communications Letters</i> , <b>2020</b> , 24, 1673-1677	3.8	2
478	Auction Mechanism for Dynamic Bandwidth Allocation in Multi-Tenant Edge Computing. <i>IEEE Transactions on Vehicular Technology</i> , <b>2020</b> , 69, 15162-15176	6.8	10

477	Deep Learning With Persistent Homology for Orbital Angular Momentum (OAM) Decoding. <i>IEEE Communications Letters</i> , <b>2020</b> , 24, 117-121	3.8	9
476	Parking Assignment: Minimizing Parking Expenses and Balancing Parking Demand Among Multiple Parking Lots. <i>IEEE Transactions on Automation Science and Engineering</i> , <b>2020</b> , 17, 1320-1331	4.9	9
475	Risk-Sensitive Task Fetching and Offloading for Vehicular Edge Computing. <i>IEEE Communications Letters</i> , <b>2020</b> , 24, 617-621	3.8	13
474	Energy Efficient Communication and Computation Resource Slicing for eMBB and URLLC Coexistence in 5G and Beyond. <i>IEEE Access</i> , <b>2020</b> , 8, 136024-136035	3.5	7
473	Generalized Nash Equilibrium Game for Radio and Computing Resource Allocation in Co-located MEC <b>2020</b> ,		5
472	6G Wireless Systems: A Vision, Architectural Elements, and Future Directions. <i>IEEE Access</i> , <b>2020</b> , 8, 147029-147044	3.5	14
471	A Contract-Theoretic Cyber Insurance for Withdraw Delay in the Blockchain Networks with Shards <b>2020</b> ,		1
470	Asymptotic Optimality of Reconfigurable Intelligent Surfaces: Passive Beamforming and Achievable Rate <b>2020</b> ,		10
469	Deep Reinforcement Learning Based Strategy for Quadrotor UAV Pursuer and Evader Problem <b>2020</b> ,		2
468	Pricing and Resource Allocation Optimization for IoT Fog Computing and NFV: An EPEC and Matching Based Perspective. <i>IEEE Transactions on Mobile Computing</i> , <b>2020</b> , 1-1	4.6	4
467	Contract-Based Scheduling of URLLC Packets in Incumbent EMBB Traffic. <i>IEEE Access</i> , <b>2020</b> , 8, 167516-167526	3.5	7
466	Controlling the Outbreak of COVID-19: A Noncooperative Game Perspective. <i>IEEE Access</i> , <b>2020</b> , 8, 215570-215581	3.2	11
465	Federated Learning for Edge Networks: Resource Optimization and Incentive Mechanism. <i>IEEE Communications Magazine</i> , <b>2020</b> , 58, 88-93	9.1	93
464	Orchestrating product provenance story: When IOTA ecosystem meets electronics supply chain space. <i>Computers in Industry</i> , <b>2020</b> , 123, 103334	11.6	12
463	Traffic-Aware and Energy-Efficient vNF Placement for Service Chaining: Joint Sampling and Matching Approach. <i>IEEE Transactions on Services Computing</i> , <b>2020</b> , 13, 172-185	4.8	99
462	Joint Communication, Computation, Caching, and Control in Big Data Multi-Access Edge Computing. <i>IEEE Transactions on Mobile Computing</i> , <b>2020</b> , 19, 1359-1374	4.6	88
461	Autonomous Driving Cars in Smart Cities: Recent Advances, Requirements, and Challenges. <i>IEEE Network</i> , <b>2020</b> , 34, 174-181	11.4	57
460	Self-Driving Car Meets Multi-Access Edge Computing for Deep Learning-Based Caching <b>2019</b> ,		10

459	A Heuristic Mixed Model for Viral Marketing Cost Minimization in Social Networks <b>2019</b> ,		2
458	Infotainment Enabled Smart Cars: A Joint Communication, Caching, and Computation Approach. <i>IEEE Transactions on Vehicular Technology</i> , <b>2019</b> , 68, 8408-8420	6.8	33
457	Q-Learning Based Social Community-Aware Energy Efficient Cooperative Caching in 5G Networks <b>2019</b> ,		1
456	A Chance Constrained Based Formulation for Dynamic Multiplexing of eMBB-uRLLC Traffics in 5G New Radio <b>2019</b> ,		16
455	Edge Computing Assisted Joint Quality Adaptation for Mobile Video Streaming. <i>IEEE Access</i> , <b>2019</b> , 7, 129082-129094	3.5	11
454	Reinforcement Learning-Based Vehicle-Cell Association Algorithm for Highly Mobile Millimeter Wave Communication. <i>IEEE Transactions on Cognitive Communications and Networking</i> , <b>2019</b> , 5, 1073-1085	6.6	18
453	DeepAuC: Joint deep learning and auction for congestion-aware caching in Named Data Networking. <i>PLoS ONE</i> , <b>2019</b> , 14, e0220813	3.7	1
452	Facility Location Problem Approach for Distributed Drones. <i>Symmetry</i> , <b>2019</b> , 11, 118	2.7	13
451	Orchestrating Resource Management in LTE-Unlicensed Systems With Backhaul Link Constraints. <i>IEEE Transactions on Wireless Communications</i> , <b>2019</b> , 18, 1360-1375	9.6	8
450	Federated Learning over Wireless Networks: Optimization Model Design and Analysis <b>2019</b> ,		268
449	Healthcare IoT-Based Affective State Mining Using a Deep Convolutional Neural Network. <i>IEEE Access</i> , <b>2019</b> , 7, 75189-75202	3.5	22
448	Network Slicing: Dynamic Isolation Provisioning and Energy Efficiency <b>2019</b> , 109-139		0
447	A matching based coexistence mechanism between eMBB and uRLLC in 5G wireless networks <b>2019</b> ,		17
446	Network Slicing for 5G and Beyond Networks <b>2019</b> ,		17
445	5G Networks <b>2019</b> , 1-12		1
444	Resource Management for Network Slicing <b>2019</b> , 25-42		1
443	Network Slicing: Radio Resource Allocation <b>2019</b> , 43-67		0
442	Network Slicing: Radio Resource Allocation Using Non-orthogonal Multiple Access <b>2019</b> , 69-89		1



441	A Deep Learning Model Generation Framework for Virtualized Multi-Access Edge Cache Management. <i>IEEE Access</i> , <b>2019</b> , 7, 62734-62749	3.5	12
440	Cost and Latency Tradeoff in Mobile Edge Computing: A Distributed Game Approach <b>2019</b> ,		6
439	A Downlink Resource Scheduling Strategy for URLLC Traffic <b>2019</b> ,		19
438	eMBB-URLLC Resource Slicing: A Risk-Sensitive Approach. <i>IEEE Communications Letters</i> , <b>2019</b> , 23, 740-743	3.8	93
437	A comparison of interval division methods in adaptive IEEE 802.11pBased multi-channel medium access control protocols for vehicular ad hoc networks. <i>International Journal of Distributed Sensor Networks</i> , <b>2019</b> , 15, 155014771983356	1.7	2
436	Joint Cache Allocation With Incentive and User Association in Cloud Radio Access Networks Using Hierarchical Game. <i>IEEE Access</i> , <b>2019</b> , 7, 20773-20788	3.5	6
435	When Edge Computing Meets Microgrid: A Deep Reinforcement Learning Approach. <i>IEEE Internet of Things Journal</i> , <b>2019</b> , 6, 7360-7374	10.7	22
434	Matching Games for 5G Networking Paradigms. <i>EAI/Springer Innovations in Communication and Computing</i> , <b>2019</b> , 69-105	0.6	1
433	Threshold Estimation Models for Linear Threshold-Based Influential User Mining in Social Networks. <i>IEEE Access</i> , <b>2019</b> , 7, 105441-105461	3.5	4
432	Knapsack-Based Reverse Influence Maximization for Target Marketing in Social Networks. <i>IEEE Access</i> , <b>2019</b> , 7, 44182-44198	3.5	15
431	. <i>IEEE Access</i> , <b>2019</b> , 7, 107576-107590	3.5	17
430	Towards Coexistence of Cellular and WiFi Networks in Unlicensed Spectrum: A Neural Networks Based Approach. <i>IEEE Access</i> , <b>2019</b> , 7, 110023-110034	3.5	12
429	Prediction Based Sub-Task Offloading in Mobile Edge Computing <b>2019</b> ,		5
428	Wireless Network Slicing: Generalized Kelly Mechanism-Based Resource Allocation. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2019</b> , 37, 1794-1807	14.2	22
427	Weighted Proportional Allocation Based Power Allocation in Wireless Network Virtualization for Future Wireless Networks <b>2019</b> ,		2
426	Meta-Learning-Based Deep Learning Model Deployment Scheme for Edge Caching <b>2019</b> ,		4
425	A Multi-Agent System toward the Green Edge Computing with Microgrid <b>2019</b> ,		8
424	Incentivize to Build: A Crowdsourcing Framework for Federated Learning <b>2019</b> ,		9

423	Multi-UAVs Collaboration System based on Machine Learning for Throughput Maximization <b>2019</b> ,		6
422	Artificial Intelligence-based Service Aggregation for Mobile-Agent in Edge Computing <b>2019</b> ,		6
421	FLchain: Federated Learning via MEC-enabled Blockchain Network <b>2019</b> ,		42
420	Optimal Task-UAV-Edge Matching for Computation Offloading in UAV Assisted Mobile Edge Computing <b>2019</b> ,		13
419	Energy Efficient Multi-Tenant Resource Slicing in Virtualized Multi-Access Edge Computing <b>2019</b> ,		4
418	Blockchain-based Node-aware Dynamic Weighting Methods for Improving Federated Learning Performance <b>2019</b> ,		23
417	Energy Efficient Resource Allocation in UAV-based Heterogeneous Networks <b>2019</b> ,		4
416	Fog Load Balancing for Massive Machine Type Communications: A Game and Transport Theoretic Approach. <i>IEEE Access</i> , <b>2019</b> , 7, 4204-4218	3.5	21
415	MAC protocols with dynamic interval schemes for VANETs. <i>Vehicular Communications</i> , <b>2019</b> , 15, 40-62	5.7	14
414	A Game-Theoretic Approach for Fair Coexistence Between LTE-U and Wi-Fi Systems. <i>IEEE Transactions on Vehicular Technology</i> , <b>2019</b> , 68, 442-455	6.8	36
413	. <i>IEEE Transactions on Smart Grid</i> , <b>2019</b> , 10, 5345-5359	10.7	1
412	Ruin Theory for Dynamic Spectrum Allocation in LTE-U Networks. <i>IEEE Communications Letters</i> , <b>2019</b> , 23, 366-369	3.8	11
411	Cache Aware User Association for Wireless Heterogeneous Networks. <i>IEEE Access</i> , <b>2019</b> , 7, 3472-3485	3.5	12
410	Internet of things forensics: Recent advances, taxonomy, requirements, and open challenges. <i>Future Generation Computer Systems</i> , <b>2019</b> , 92, 265-275	7.5	134
409	Resource Allocation for Ultra-Reliable and Enhanced Mobile Broadband IoT Applications in Fog Network. <i>IEEE Transactions on Communications</i> , <b>2019</b> , 67, 489-502	6.9	70
408	Edge-of-things computing framework for cost-effective provisioning of healthcare data. <i>Journal of Parallel and Distributed Computing</i> , <b>2019</b> , 123, 54-60	4.4	24
407	Network Virtualization with Energy Efficiency Optimization for Wireless Heterogeneous Networks. <i>IEEE Transactions on Mobile Computing</i> , <b>2019</b> , 18, 2386-2400	4.6	11
406	Ultra-Reliable Communication in 5G mmWave Networks: A Risk-Sensitive Approach. <i>IEEE Communications Letters</i> , <b>2018</b> , 22, 708-711	3.8	20

405	Phishing-Aware: A Neuro-Fuzzy Approach for Anti-Phishing on Fog Networks. <i>IEEE Transactions on Network and Service Management</i> , <b>2018</b> , 15, 1076-1089	4.8	19
404	A multi-game approach for effective co-existence in unlicensed spectrum between LTE-U system and Wi-Fi access point <b>2018</b> ,		5
403	Cooperative between V2C and V2V charging: Less range anxiety and more charged EVs <b>2018</b> ,		9
402	Dual threshold load balancing in SDN environment using process migration <b>2018</b> ,		2
401	Data trustworthiness in IoT <b>2018</b> ,		6
400	Intelligent service fulfillment for software defined networks in smart city <b>2018</b> ,		9
399	. <i>IEEE Access</i> , <b>2018</b> , 6, 16493-16514	3.5	29
398	Fair Sharing of Backup Power Supply in Multi-Operator Wireless Cellular Towers. <i>IEEE Transactions on Wireless Communications</i> , <b>2018</b> , 17, 2080-2093	9.6	10
397	Incentivizing Energy Reduction for Emergency Demand Response in Multi-Tenant Mixed-Use Buildings. <i>IEEE Transactions on Smart Grid</i> , <b>2018</b> , 9, 3701-3715	10.7	18
396	Hierarchical Matching Game for Service Selection and Resource Purchasing in Wireless Network Virtualization. <i>IEEE Communications Letters</i> , <b>2018</b> , 22, 121-124	3.8	39
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392	Reinforcement Learning Based Data Self-Destruction Scheme for Secured Data Management. <i>Symmetry</i> , <b>2018</b> , 10, 136	2.7	
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390	A cost optimized reverse influence maximization in social networks <b>2018</b> ,		7
389	Wireless network virtualization with non-orthogonal multiple access <b>2018</b> ,		13
388	Multi-operator backup power sharing in wireless base stations <b>2018</b> ,		1

387	Network Virtualization Resource Allocation and Economics Based on Prey-Bredator Food Chain Model. <i>IEEE Transactions on Communications</i> , <b>2018</b> , 1-1	6.9	5
386	A Survey on Coordinated Power Management in Multi-Tenant Data Centers <b>2018</b> ,		2
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384	Learning-Based Caching in Cloud-Aided Wireless Networks. <i>IEEE Communications Letters</i> , <b>2018</b> , 22, 137-140	3.5	18
383	Adaptive TDMA and CSMA-Based MAC Protocols for Vehicular Ad Hoc Networks: A Survey. <i>Lecture Notes in Electrical Engineering</i> , <b>2018</b> , 163-171	0.2	1
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368	Game Theory for Cyber Security and Privacy. <i>ACM Computing Surveys</i> , <b>2017</b> , 50, 1-37	13.4	92
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356	Mobile charger billing system using lightweight Blockchain <b>2017</b> ,		16
355	Collaborative cache allocation and computation offloading in mobile edge computing <b>2017</b> ,		39
354	The 5G Cellular Backhaul Management Dilemma: To Cache or to Serve. <i>IEEE Transactions on Wireless Communications</i> , <b>2017</b> , 16, 4866-4879	9.6	13
353	An architecture of IPTV service based on PVR-Micro data center and PMIPv6 in cloud computing. <i>Multimedia Tools and Applications</i> , <b>2017</b> , 76, 21579-21612	2.5	5
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351	Offloading in HetNet: A Coordination of Interference Mitigation, User Association, and Resource Allocation. <i>IEEE Transactions on Mobile Computing</i> , <b>2017</b> , 16, 2276-2291	4.6	46
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349	Access point selection algorithm for providing optimal AP in SDN-based wireless network <b>2017</b> ,		5
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347	D2D communications under LTE-U system: QoS and co-existence issues are incorporated <b>2017</b> ,		1
346	In-Network Caching for Paid Contents in Content Centric Networking <b>2017</b> ,		13
345	Contract-Based Cache Partitioning and Pricing Mechanism in Wireless Network Slicing <b>2017</b> ,		5
344	An approach of cost optimized influence maximization in social networks <b>2017</b> ,		5
343	Downlink power allocation in virtualized wireless networks <b>2017</b> ,		5
342	Multi-stage stackelberg game approach for colocation datacenter demand response <b>2017</b> ,		2
341	An Efficient Multi-channel MAC Protocol for Vehicular Ad Hoc Networks. <i>Lecture Notes in Electrical Engineering</i> , <b>2017</b> , 822-830	0.2	1
340	Directional Multi-channel MAC for VANETs. <i>Lecture Notes in Electrical Engineering</i> , <b>2017</b> , 803-812	0.2	
339	Scalable aggregation-based packet forwarding in Content Centric Networking <b>2016</b> ,		6
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337	Delivering Scalable Video Streaming in ICN enabled Long Term Evolution networks <b>2016</b> ,		4
336	Decentralized spectrum allocation in D2D underlying cellular networks <b>2016</b> ,		5
335	Traffic offloading via Markov approximation in heterogeneous cellular networks <b>2016</b> ,		3
334	An efficient and reliable Green Light Optimal Speed Advisory system for autonomous cars <b>2016</b> ,		3

333	Resources management in virtualized Information Centric Wireless Network <b>2016</b> ,		1
332	QoS aware collaborative communications with incentives in the downlink of cellular network: A matching approach <b>2016</b> ,		4
331	PowerNap: a power-aware distributed Wi-Fi access point scheduling algorithm. <i>Eurasip Journal on Wireless Communications and Networking</i> , <b>2016</b> , 2016,	3.2	5
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328	Efficient parallel multi-path interest forwarding for mobile user in CCN <b>2016</b> ,		3
327	Improving time slot acquisition through RSU's coordination for TDMA-based MAC protocol in VANETs <b>2016</b> ,		4
326	Multi-agent and reinforcement learning based code offloading in mobile fog <b>2016</b> ,		51
325	. <i>IEEE Communications Letters</i> , <b>2016</b> , 1-1	3.8	22
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317	A Multi-channel MAC Protocol with Power Control for Wireless Ad Hoc Networks. <i>Lecture Notes in Electrical Engineering</i> , <b>2016</b> , 63-73	0.2	1
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314	Web of Objects Based Ambient Assisted Living Framework for Emergency Psychiatric State Prediction. <i>Sensors</i> , <b>2016</b> , 16,	3.8	13
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312	Distributed Pricing Power Control for Downlink Co-tier Interference Coordination in Two-Tier Heterogeneous Networks <b>2016</b> ,		2
311	Multi-channel MAC Protocols and Power Control for Wireless Ad hoc Networks <b>2016</b> , 1-13		
310	Hosting virtual machines on a cloud datacenter: A matching theoretic approach <b>2016</b> ,		2
309	Online learning-based clustering approach for news recommendation systems <b>2016</b> ,		7
308	Coordinated power reduction in multi-tenant colocation datacenter: An emergency demand response study <b>2016</b> ,		6
307	An efficient multi-channel MAC protocol for wireless ad hoc networks. <i>Ad Hoc Networks</i> , <b>2016</b> , 44, 46-57	4.8	16
306	Coordinated Resource Partitioning and Data Offloading in Wireless Heterogeneous Networks. <i>IEEE Communications Letters</i> , <b>2016</b> , 20, 974-977	3.8	17
305	Forwarding strategy on SDN-based content centric network for efficient content delivery <b>2016</b> ,		12
304	An overlapping coalition formation approach to maximize payoffs in cloud computing environment <b>2016</b> ,		6
303	Congestion prevention mechanism based on Q-learning for efficient routing in SDN <b>2016</b> ,		12
302	Dynamics of service selection and provider pricing game in heterogeneous cloud market. <i>Journal of Network and Computer Applications</i> , <b>2016</b> , 69, 152-165	7.9	25
301	Matching-based distributed resource allocation in cognitive femtocell networks <b>2016</b> ,		1
300	Incentive-aligned mechanism for emergency demand response in multi-tenant mixed-use buildings <b>2016</b> ,		3
299	Reward-to-Reduce: An Incentive Mechanism for Economic Demand Response of Colocation Datacenters. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2016</b> , 34, 3941-3953	14.2	17
298	Cooperative caching for adaptive bit rate streaming in content delivery networks <b>2015</b> ,		1



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296	Joint Pricing and Load Balancing for Cognitive Spectrum Access: Non-Cooperation Versus Cooperation. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2015</b> , 33, 972-985	14.2	20
295	Multi-channel MAC protocol with Directional Antennas in wireless ad hoc networks <b>2015,</b>		5
294	A proximal algorithm for joint resource allocation and minimizing carbon footprint in geo-distributed fog computing <b>2015,</b>		57
293	Application of the lowest-ID algorithm in cluster-based TDMA system for VANETs <b>2015,</b>		1
292	A system model for energy efficient green-IoT network <b>2015,</b>		41
291	. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2015</b> , 33, 2892-2905	14.2	30
290	Resource management in dense heterogeneous networks <b>2015,</b>		9
289	Nearest multi-prototype based music mood classification <b>2015,</b>		1
288	A shared parking model in vehicular network using fog and cloud environment <b>2015,</b>		23
287	Data offloading in heterogeneous cellular networks: Stackelberg game based approach <b>2015,</b>		8
286	Defense technique against spoofing attacks using reliable ARP table in cloud computing environment <b>2015,</b>		5
285	A Fog based system model for cooperative IoT node pairing using matching theory <b>2015,</b>		30
284	Toward service selection game in a heterogeneous market cloud computing <b>2015,</b>		7
283	Power Control for Interference Management and QoS Guarantee in Heterogeneous Networks. <i>IEEE Communications Letters</i> , <b>2015</b> , 19, 1402-1405	3.8	24
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280	Network-assisted congestion control for information centric networking <b>2015,</b>		9

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278	mDurance: A Novel Mobile Health System to Support Trunk Endurance Assessment. <i>Sensors</i> , <b>2015</b> , 15, 13159-83	3.8	24
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274	SDN based optimal user association and resource allocation in heterogeneous cognitive networks <b>2015</b> ,		6
273	Hybrid caching and requests forwarding in information centric networking <b>2015</b> ,		4
272	Coordinated Energy Management for Emergency Demand Response in Mixed-Use Buildings <b>2015</b> ,		6
271	Emergency psychiatric state prediction for ambient assisted living <b>2015</b> ,		1
270	Network economics approach to data offloading and resource partitioning in two-tier LTE HetNets <b>2015</b> ,		6
269	Traffic offloading under outage QoS constraint in heterogeneous cellular networks <b>2015</b> ,		1
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260	<b>2014,</b>		2
259	An efficient content delivery framework for SDN based LTE network <b>2014,</b>		8
258	HER-MAC: A Hybrid Efficient and Reliable MAC for Vehicular Ad Hoc Networks <b>2014,</b>		33
257	An ID/Locator Separation-Based Mobility Management Architecture for WSNs. <i>IEEE Transactions on Mobile Computing</i> , <b>2014</b> , 13, 2240-2254	4.6	9
256	Spectrum handoff model based on Hidden Markov model in Cognitive Radio Networks <b>2014,</b>		7
255	QoS-aware distributed adaptive cooperative routing in wireless sensor networks. <i>Ad Hoc Networks</i> , <b>2014</b> , 19, 28-42	4.8	33
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252	A QoS and profit aware cloud confederation model for IaaS service providers <b>2014,</b>		15
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249	e-VeMAC: An enhanced vehicular MAC protocol to mitigate the exposed terminal problem <b>2014,</b>		7
248	Optimal resource allocation for multimedia application in single and multiple cloud computing service providers <b>2014,</b>		2
247	A context-aware content delivery framework for QoS in mobile cloud <b>2014,</b>		8
246	Opportunistic resource allocation via stochastic network optimization in cognitive radio networks <b>2014,</b>		1
245	A reliable multi-hop safety message broadcast in Vehicular Ad hoc Networks <b>2014,</b>		5
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227	Broadcasting in multichannel cognitive radio ad hoc networks <b>2013</b> ,		5
226	Interference-dependent contention control in multi-hop wireless ad-hoc networks: An optimal cognitive MAC protocol <b>2013</b> ,		1

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204	A distributed wake-up scheduling algorithm for base stations in green cellular networks <b>2012</b> ,		5
203	A seamless content delivery scheme for flow mobility in Content Centric Network <b>2012</b> ,		2
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192	Fault tolerant virtual backbone for minimum temperature in in vivo sensor networks <b>2012</b> ,		2
191	Pricing control for hybrid overlay/underlay spectrum access in Cognitive Radio networks <b>2012</b> ,		3
190	A load balancing algorithm with QoS support over heterogeneous wireless networks <b>2012</b> ,		1

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179	Distributed IDS for efficient resource management in wireless sensor network <b>2011</b> ,		1
178	. <i>Journal of Communications and Networks</i> , <b>2011</b> , 13, 639-654	4.1	11
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173	A policy based management framework for machine to machine networks and services <b>2011</b> ,		5
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171	A mechanism for building Ad-hoc social network based on user's interest <b>2011</b> ,		8
170	A light-weight channel rendezvous scheduling for multi-channel medium access in sensor networks <b>2011</b> ,		2
169	Joint Rate and Power Control for Elastic and Inelastic Traffic in Multihop Wireless Networks <b>2011</b> ,		3
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119	Joint Scheduling and Channel Allocation in Wireless Mesh Networks <b>2008</b> ,		1
118	Developing Security Solutions for Wireless Mesh Enterprise Networks <b>2008</b> ,		6

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110	<b>2008,</b>		1
109	Design of a QoS-Aware Routing Mechanism for Wireless Multimedia Sensor Networks <b>2008,</b>		24
108	Hop-Count Based Congestion-Aware Multi-path Routing in Wireless Mesh Network <b>2008,</b>		5
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91	A Hop by Hop Rate Control Based QoS Management for Real Time Traffic in Wireless Sensor Networks. <i>Lecture Notes in Computer Science</i> , <b>2008</b> , 177-186	0.9	
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89	A Management Framework for IMS Using Service Managed Objects. <i>Lecture Notes in Computer Science</i> , <b>2008</b> , 483-486	0.9	1
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62	An Efficient ID-Based Bilinear Key Predistribution Scheme for Distributed Sensor Networks. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 260-269	0.9	1
61	An Efficient LU Decomposition-based Key Pre-distribution Scheme for Ensuring Security in Wireless Sensor Networks <b>2006</b> ,		3
60	On IPv6 traceback <b>2006</b> ,		6
59	QoS-aware fair scheduling in multihop wireless ad hoc networks <b>2006</b> ,		1
58	Security in wireless sensor networks: issues and challenges <b>2006</b> ,		192
57	Smartening the environment using wireless sensor networks in a developing country <b>2006</b> ,		10
56	On the Dynamic Management of Information in Ubiquitous Systems Using Evolvable Software Components. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 513-516	0.9	
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