

Enabling small cell deployment with HetNet

IEEE Wireless Communications

19, 4-5

DOI: [10.1109/mwc.2012.6189405](https://doi.org/10.1109/mwc.2012.6189405)

Citation Report

#	ARTICLE	IF	CITATIONS
1	On performance of HetNet with coexisting small cell technology. , 2013, , .		16
2	On the impact of small cell discovery mechanisms on device power consumption over LTE networks. , 2013, , .		6
3	Combined learning for energy efficiency in heterogeneous cellular networks. , 2013, , .		1
4	Performance evaluation of Nash bargaining solution based user association in HetNet. , 2013, , .		4
5	Distributed energy-efficient inter-cell interference control with BS sleep mode and user fairness in cellular networks. , 2013, , .		1
6	MIMO Exploitation of 3D Multipath Statistics in a Heterogeneous LTE-Advanced Network. International Journal of Antennas and Propagation, 2013, 2013, 1-15.	0.7	4
7	Small LTE Base Stations Deployment in Vehicle-to-Road- Infrastructure Communications. , 0, , .		4
8	Dual Connectivity in LTE small cell networks. , 2014, , .		57
9	Small Cell Deployment and Smart Cooperation Scheme in Dual-Layer Wireless Networks. International Journal of Distributed Sensor Networks, 2014, 10, 929805.	1.3	4
10	PHY layer performance of heterogeneous LTE-Advanced network in 3D extended channel models. , 2014, , .		0
11	Optimal user association for delay-power tradeoffs in HetNets with hybrid energy sources. , 2014, , .		13
12	Adaptive user association in HetNets with renewable energy powered base stations. , 2014, , .		21
13	Performance capacity of MIMO heterogeneous LTE-advanced network. , 2014, , .		0
14	Enhancing cell edge users performance in open access small cells networks: A Cross layer approach. , 2014, , .		2
15	Distributed delay-energy aware user association in 3-tier HetNets with hybrid energy sources. , 2014, , .		21
16	Null-space cognitive precoding for heterogeneous networks. IET Communications, 2014, 8, 555-563.	1.5	12
17	Green Cognitive Mobile Networks With Small Cells for Multimedia Communications in the Smart Grid Environment. IEEE Transactions on Vehicular Technology, 2014, 63, 2115-2126.	3.9	108
18	Opportunistic User Association for Multi-Service HetNets Using Nash Bargaining Solution. IEEE Communications Letters, 2014, 18, 463-466.	2.5	60

#	ARTICLE	IF	CITATIONS
19	Set Optimization for Efficient Interference Alignment in Heterogeneous Networks. IEEE Transactions on Wireless Communications, 2014, 13, 5648-5660.	6.1	30
20	On Optimal Cell Activation for Coverage Preservation in Green Cellular Networks. IEEE Transactions on Mobile Computing, 2014, 13, 2580-2591.	3.9	32
21	Mobile Cloud Computing with Telecom Operator Cloud. , 2015, , 1-44.		0
22	User association based on Cobb-Douglas function in HetNets with hybrid energy sources. , 2015, , .		0
23	Iterative Equalization and Interference Alignment for Multiuser MIMO HetNets with Imperfect CSI. Mobile Information Systems, 2015, 2015, 1-8.	0.4	0
24	Transmission Cooperative Strategies for MIMO-OFDM Heterogeneous Networks. Radioengineering, 2015, 24, 431-441.	0.3	4
25	Multi-user HetNets with imperfect CSI: Iterative equalization aided IA. , 2015, , .		0
26	MOSQUITO: Mobile video streaming protocol for the high level QoE provisioning over heterogeneous wireless access networks. , 2015, , .		1
27	Metaheuristics for the deployment of 5G. IEEE Wireless Communications, 2015, 22, 40-46.	6.6	41
28	Impact of Interdisciplinary Research on Planning, Running, and Managing Electromobility as a Smart Grid Extension. IEEE Access, 2015, 3, 2281-2305.	2.6	22
29	Fairness aware joint sub-channel and power allocation via genetic algorithm in MIMO two-tier networks. , 2015, , .		0
30	In-Band Full-Duplex Relaying: A Survey, Research Issues and Challenges. IEEE Communications Surveys and Tutorials, 2015, 17, 500-524.	24.8	427
31	Impact of BS antenna number and array geometry on single-user LTE-A data throughputs in realistic Macro and Pico cellular environments. , 2015, , .		5
32	Cost-Optimal Placement and Backhauling of Small-Cell Networks. Journal of Lightwave Technology, 2015, 33, 3850-3857.	2.7	35
33	User-provided networking for QoE provisioning in mobile networks. IEEE Wireless Communications, 2015, 22, 26-33.	6.6	20
34	Efficient Transmitter and Receiver Designs for SC-FDMA Based Heterogeneous Networks. IEEE Transactions on Communications, 2015, 63, 2500-2510.	4.9	26
35	The impact of inter-site distance and Time-to-Trigger on Handover performance in LTE-A HetNets. , 2015, , .		12
36	Data Offloading Techniques in Cellular Networks: A Survey. IEEE Communications Surveys and Tutorials, 2015, 17, 580-603.	24.8	291

#	ARTICLE	IF	CITATIONS
37	Wireless Network Virtualization: A Survey, Some Research Issues and Challenges. IEEE Communications Surveys and Tutorials, 2015, 17, 358-380.	24.8	570
38	Joint IA and SFBC Macrocells and Small-Cells Coexistence under Minor Information Exchange. Mobile Information Systems, 2016, 2016, 1-10.	0.4	4
39	Physical-Layer Transmission Cooperative Strategies for Heterogeneous Networks. , 2016, , .		0
40	Neutralizing interferences in two-hop amplify-and-forward MIMO relay systems. IEJ Transactions on Electrical and Electronic Engineering, 2016, 11, S108.	0.8	1
41	Cluster-Based Joint Cell Association and Interference Coordination Control in Heterogeneous Networks. , 2016, , .		2
42	Quality of experience provisioned mobile streaming protocol for the hyper-connected Internet of Things devices over the heterogeneous wireless access networks. International Journal of Distributed Sensor Networks, 2016, 12, 155014771666551.	1.3	2
43	Joint signal alignment and physical network coding for heterogeneous networks. , 2016, , .		0
44	Backhaul metro cell-based guard channel in femto/macro cellular heterogeneous networks. Telecommunication Systems, 2016, 61, 645-658.	1.6	2
45	Mobile Traffic Offloading in Heterogeneous Networks-Based Small Cell Technology. Arabian Journal for Science and Engineering, 2016, 41, 555-567.	1.1	1
46	Distributed power and channel allocation for cognitive femtocell network using a coalitional game approach. , 2016, , .		5
48	Learning Stationary Correlated Equilibria in Constrained General-Sum Stochastic Games. IEEE Transactions on Cybernetics, 2016, 46, 1640-1654.	6.2	12
49	An Energy-Efficient Resource Allocation and Interference Management Scheme in Green Heterogeneous Networks Using Game Theory. IEEE Transactions on Vehicular Technology, 2016, 65, 5384-5396.	3.9	45
50	Distributed Power and Channel Allocation for Cognitive Femtocell Network Using a Coalitional Game in Partition-Form Approach. IEEE Transactions on Vehicular Technology, 2017, 66, 3475-3490.	3.9	23
51	Backhaul aware joint uplink and downlink user association for delay-power tradeoffs in HetNets with hybrid energy sources. Transactions on Emerging Telecommunications Technologies, 2017, 28, e2968.	2.6	5
52	Enhancing performance of feedback-Based QoS scheduling for video delivery over WLANs. Computer Communications, 2017, 99, 77-83.	3.1	4
53	Joint Computation Offloading and Interference Management in Wireless Cellular Networks with Mobile Edge Computing. IEEE Transactions on Vehicular Technology, 2017, 66, 7432-7445.	3.9	311
54	Modeling and Analysis of Two-Tier HetNets With Cognitive Small Cells. IEEE Access, 2017, 5, 2904-2912.	2.6	27
55	Inter-Operator Resource Management for Millimeter Wave Multi-Hop Backhaul Networks. IEEE Transactions on Wireless Communications, 2017, 16, 5258-5272.	6.1	47

#	ARTICLE	IF	CITATIONS
56	Joint computation and radio resource management for cellular networks with mobile edge computing. , 2017, , .		8
57	UAV-Assisted Dynamic Coverage in a Heterogeneous Cellular System. IEEE Network, 2017, 31, 56-61.	4.9	116
58	Joint computation offloading, resource allocation and content caching in cellular networks with mobile edge computing. , 2017, , .		28
59	Analysis and Optimization of Caching and Multicasting in Large-Scale Cache-Enabled Heterogeneous Wireless Networks. IEEE Transactions on Wireless Communications, 2017, 16, 250-264.	6.1	126
60	Standardization and Security for Smart Grid Communications Based on Cognitive Radio Technologiesâ€”A Comprehensive Survey. IEEE Communications Surveys and Tutorials, 2017, 19, 423-445.	24.8	43
61	Hybrid Beamforming Designs for Massive MIMO Millimeter-Wave Heterogeneous Systems. IEEE Access, 2017, 5, 21806-21817.	2.6	44
62	User-Oriented Graph-Based Dynamic Frequency Reuse Scheme in Heterogeneous Networks. , 2017, , .		1
63	A multi-greedy spectrum auction algorithm for cognitive small cell networks. International Journal of Distributed Sensor Networks, 2017, 13, 155014771771721.	1.3	0
64	A Green Mesh Routers' Placement to Ensure Small Cells Backhauling in 5G Networks. , 2017, , .		2
65	Highly Efficient Multi Channel Packet Forwarding with Round Robin Intermittent Periodic Transmit for Multihop Wireless Backhaul Networks. Sensors, 2017, 17, 2609.	2.1	4
66	IoTâ€™s Tiny Steps towards 5G: Telcoâ€™s Perspective. Symmetry, 2017, 9, 213.	1.1	18
67	A Novel SA-PNC Method for Macro and Small Cells Coexistence under the Same Spectrum. , 2017, , .		1
68	Integration of optical-wireless networks for broadband mobile networks. , 2017, , .		0
69	Adaptive Mobility Load Balancing Algorithm for LTE Small-Cell Networks. IEEE Transactions on Wireless Communications, 2018, 17, 2205-2217.	6.1	72
70	Inter-Relay Interference Cancellation Using MIMO Detection. Wireless Personal Communications, 2018, 98, 1885-1894.	1.8	2
71	Power allocation in small cell networks with full-duplex self-backhauls and massive MIMO. Wireless Networks, 2018, 24, 1083-1098.	2.0	7
72	Application-oriented offloading in heterogeneous networks for mobile cloud computing. Enterprise Information Systems, 2018, 12, 398-413.	3.3	13
73	Integration of Networking, Caching, and Computing in Wireless Systems: A Survey, Some Research Issues, and Challenges. IEEE Communications Surveys and Tutorials, 2018, 20, 7-38.	24.8	107

#	ARTICLE	IF	CITATIONS
74	LTE/Wi-Fi/mmWave RAN-Level Interworking Using 2C/U Plane Splitting for Future 5G Networks. IEEE Access, 2018, 6, 53473-53488.	2.6	27
75	Joint Space-Frequency Block Codes and Signal Alignment for Heterogeneous Networks. IEEE Access, 2018, 6, 71099-71109.	2.6	6
76	Two-tier cellular system up-link based on space-frequency block codes and signal alignment. , 2018, , .		1
77	Performance Evaluation of UAV-Assisted mmWave Operation in Mobility-Enabled Urban Deployments. , 2018, , .		14
78	Unsupervised Learning Algorithm for Intelligent Coverage Planning and Performance Optimization of Multitier Heterogeneous Network. IEEE Access, 2018, 6, 39807-39819.	2.6	36
79	Computation offloading balance in small cell networks with mobile edge computing. Wireless Networks, 2019, 25, 4133-4145.	2.0	6
80	Two-tier Architecture for NB-IoT: Improving Coverage and Load Balancing. , 2019, , .		1
81	A Two-Way Cooperative D2D Communication Framework for a Heterogeneous Cellular Network. Wireless Personal Communications, 2019, 109, 579-593.	1.8	3
82	Dynamic Mobility Load Balancing for 5G Small-Cell Networks Based on Utility Functions. IEEE Access, 2019, 7, 126998-127011.	2.6	35
83	A Novel Handover Process for Mobility Load Balancing in LTE Heterogeneous Networks. , 2019, , .		6
84	Security for 5G and Beyond. IEEE Communications Surveys and Tutorials, 2019, 21, 3682-3722.	24.8	227
85	Online Distributed User Association for Heterogeneous Radio Access Network. Sensors, 2019, 19, 1412.	2.1	7
87	Green transmission for C-RAN based on SWIPT in 5G: a review. Wireless Networks, 2019, 25, 2621-2649.	2.0	29
88	Interference and Resource management strategy for handover in femtocells. Wireless Networks, 2020, 26, 2741-2754.	2.0	0
89	Reinforcement Learning Based Cooperative Coded Caching Under Dynamic Popularities in Ultra-Dense Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 5442-5456.	3.9	20
90	Thirty Years of Machine Learning: The Road to Pareto-Optimal Wireless Networks. IEEE Communications Surveys and Tutorials, 2020, 22, 1472-1514.	24.8	361
91	A Survey on 4G-5G Dual Connectivity: Road to 5G Implementation. IEEE Access, 2021, 9, 16193-16210.	2.6	83
92	On the Energy Efficiency of OFDMA Cellular Networks. IEEE Transactions on Vehicular Technology, 2021, 70, 10610-10619.	3.9	2

#	ARTICLE	IF	CITATIONS
93	A review on energy management issues for future 5G and beyond network. <i>Wireless Networks</i> , 2021, 27, 2691-2718.	2.0	13
94	Understanding the 5G-air-simulator: A tutorial on design criteria, technical components, and reference use cases. <i>Computer Networks</i> , 2020, 177, 107314.	3.2	13
95	Energy efficiency techniques in ultra-dense wireless heterogeneous networks: An overview and outlook. <i>Engineering Science and Technology, an International Journal</i> , 2020, 23, 1308-1326.	2.0	48
96	Tracking areas planning based on spectral clustering in small cell networks. <i>IET Communications</i> , 2019, 13, 1921-1927.	1.5	2
97	Wireless Femto-Relays. <i>International Journal of Wireless Networks and Broadband Technologies</i> , 2015, 4, 45-61.	1.0	1
98	A General DRL-based Optimization Framework of User Association and Power Control for HetNet. , 2021, , .		6
99	Joint signal alignment precoding and physical network coding for heterogeneous networks. <i>Physical Communication</i> , 2017, 23, 125-133.	1.2	3
100	A Novel Strategy For Prompt Small Cell Deployment In Heterogeneous Networks. <i>Advances in Science, Technology and Engineering Systems</i> , 2019, 4, 265-270.	0.4	1
101	Comparison of the Proactive and Reactive Algorithms for Load Balancing in UDN Networks. <i>Journal of Communications</i> , 2019, , 1119-1126.	1.3	3
102	End-User Position-Driven Small Base Station Placement for Indoor Communication. <i>Advances in Intelligent Systems and Computing</i> , 2020, , 13-25.	0.5	0
103	Delay-Efficient and Reliable Data Relaying in Ultra Dense Networks using Rateless Codes. , 2020, , .		0
104	Design and Simulation of Optimal Number of Small Cells Deployment in Fourth-Generation Cellular Networks. <i>Journal of Communications</i> , 2021, , 583-588.	1.3	0
105	An Unsupervised Machine Learning Approach for UAV-Aided Offloading of 5G Cellular Networks. <i>Telecom</i> , 2022, 3, 86-102.	1.6	7
106	A DDPC-based Transfer Learning Optimization Framework for User Association and Power Control in HetNet. , 2022, , .		2
107	Mitigating 5G security challenges for next-gen industry using quantum computing. <i>Journal of King Saud University - Computer and Information Sciences</i> , 2023, 35, 101334.	2.7	6
108	Combined computation interference and offloading control for mobile edge computing in wireless cellular networks. , 2023, , .		0
109	Modeling and Simulation of propagation models for selected LTE propagation scenarios. , 2022, , .		0