Halim Yanikomeroglu

List of Publications by Citations

392	10,011	43	92
papers	citations	h-index	g-index
469	12,853	6.3	7.08
ext. papers	ext. citations	avg, IF	L-index

#	Paper	IF	Citations
392	**2004**, 42, 80-89		1039
391	Device-to-device communication in 5G cellular networks: challenges, solutions, and future directions. *IEEE Communications Magazine*, **2014**, 52, 86-92	9.1	781
390	3-D Placement of an Unmanned Aerial Vehicle Base Station (UAV-BS) for Energy-Efficient Maximal Coverage. *IEEE Wireless Communications Letters*, **2017**, 6, 434-437	5.9	490
389	Efficient 3-D placement of an aerial base station in next generation cellular networks **2016**,		420
388	. *IEEE Transactions on Communications*, **2004**, 52, 1820-1830	6.9	414
387	The New Frontier in RAN Heterogeneity: Multi-Tier Drone-Cells **2016**, 54, 48-55		297
386	3-D Placement of an Unmanned Aerial Vehicle Base Station for Maximum Coverage of Users With Different QoS Requirements. *IEEE Wireless Communications Letters*, **2018**, 7, 38-41	5.9	270
385	A New Formula for the BER of Binary Modulations with Dual-Branch Selection over Generalized-K Composite Fading Channels. *IEEE Transactions on Communications*, **2011**, 59, 2654-2658	6.9	269
384	FSO-Based Vertical Backhaul/Fronthaul Framework for 5G+ Wireless Networks **2018**, 56, 218-224		245
383	. *IEEE Transactions on Wireless Communications*, **2010**, 9, 1414-1425	9.6	197
382	On the Number and 3D Placement of Drone Base Stations in Wireless Cellular Networks **2016**,		191
381	. *IEEE Transactions on Wireless Communications*, **2007**, 6, 533-544	9.6	161
380	Backhaul-aware robust 3D drone placement in 5G+ wireless networks **2017**,		150
379	Airborne Communication Networks: A Survey. *IEEE Journal on Selected Areas in Communications*, **2018**, 36, 1907-1926	14.2	143
378	. *IEEE Transactions on Wireless Communications*, **2010**, 9, 706-713	9.6	124
377	Access Strategies for Spectrum Sharing in Fading Environment: Overlay, Underlay, and Mixed. *IEEE Transactions on Mobile Computing*, **2010**, 9, 1780-1793	4.6	115
376	. *IEEE Communications Surveys and Tutorials*, **2010**, 12, 422-438	37.1	113

375	. *IEEE Transactions on Vehicular Technology*, **2010**, 59, 4222-4236	6.8	113
374	. *IEEE Transactions on Wireless Communications*, **2008**, 7, 4226-4237	9.6	113
373	Relayer selection strategies in cellular networks with peer-to-peer relaying **2003**,		109
372	A Survey of Rate-Optimal Power Domain NOMA With Enabling Technologies of Future Wireless Networks. *IEEE Communications Surveys and Tutorials*, **2020**, 22, 2192-2235	37.1	100
371	. *IEEE Transactions on Wireless Communications*, **2013**, 12, 3496-3509	9.6	87
370	. *IEEE Transactions on Wireless Communications*, **2010**, 9, 1628-1639	9.6	78
369	HetHetNets: Heterogeneous Traffic Distribution in Heterogeneous Wireless Cellular Networks. *IEEE Journal on Selected Areas in Communications*, **2015**, 33, 2252-2265	14.2	77
368	A Prospective Look: Key Enabling Technologies, Applications and Open Research Topics in 6G Networks. *IEEE Access*, **2020**, 8, 174792-174820	3.5	76
367	. *IEEE Transactions on Vehicular Technology*, **2015**, 64, 1036-1050	6.8	68
366	Future of Ultra-Dense Networks Beyond 5G: Harnessing Heterogeneous Moving Cells. *IEEE Communications Magazine*, **2019**, 57, 86-92	9.1	67
365	Strategic Densification With UAV-BSs in Cellular Networks. *IEEE Wireless Communications Letters*, **2018**, 7, 384-387	5.9	67
364	Opportunities and Challenges in OFDMA-Based Cellular Relay Networks: A Radio Resource Management Perspective. *IEEE Transactions on Vehicular Technology*, **2010**, 59, 2496-2510	6.8	64
363	User association and bandwidth allocation for terrestrial and aerial base stations with backhaul considerations **2017**,		58
362	Performance of selection relaying and cooperative diversity. *IEEE Transactions on Wireless Communications*, **2009**, 8, 5790-5795	9.6	58
361	Sum-Rate Maximization of NOMA Systems Under Imperfect Successive Interference Cancellation. *IEEE Communications Letters*, **2019**, 23, 474-477	3.8	54
360	Is 5G Ready for Drones: A Look into Contemporary and Prospective Wireless Networks from a Standardization Perspective. *IEEE Wireless Communications*, **2019**, 26, 18-27	13.4	54
359	Interference Avoidance with Dynamic Inter-Cell Coordination for Downlink LTE System **2009**,		53
358	A Vision and Framework for the High Altitude Platform Station (HAPS) Networks of the Future. *IEEE Communications Surveys and Tutorials*, **2021**, 23, 729-779	37.1	53

357	**2016**, 54, 60-69		52
356	**2012**,		52
355	Robust Resource Allocation to Enhance Physical Layer Security in Systems With Full-Duplex Receivers: Active Adversary. *IEEE Transactions on Wireless Communications*, **2017**, 16, 885-899	9.6	51
354	A Survey of Opportunities for Free Space Optics in Next Generation Cellular Networks **2011**,		50
353	Utility-based adaptive radio resource allocation in OFDM wireless networks with traffic prioritization. *IEEE Transactions on Wireless Communications*, **2009**, 8, 66-71	9.6	50
352	Efficient 3D aerial base station placement considering users mobility by reinforcement learning **2018**,		49
351	. *IEEE Transactions on Wireless Communications*, **2018**, 17, 6837-6852	9.6	49
350	When IoT Keeps People in the Loop: A Path Towards a New Global Utility. *IEEE Communications Magazine*, **2019**, 57, 114-121	9.1	44
349	Massive Machine Type Communication With Data Aggregation and Resource Scheduling. *IEEE Transactions on Communications*, **2017**, 65, 4012-4026	6.9	43
348	. *IEEE Communications Surveys and Tutorials*, **2019**, 21, 2169-2194	37.1	40
347	Transmission Power Control for Link-Level Handshaking in Wireless Sensor Networks. *IEEE Sensors Journal*, **2016**, 16, 561-576	4	40
346	. *IEEE Transactions on Wireless Communications*, **2008**, 7, 4938-4947	9.6	40
345	. *IEEE Transactions on Vehicular Technology*, **2010**, 59, 4418-4424	6.8	39
344	. *IEEE Transactions on Wireless Communications*, **2019**, 18, 2977-2988	9.6	37
343	. *IEEE Transactions on Wireless Communications*, **2019**, 18, 5643-5657	9.6	37
342			37
341	UAV Base Station Location Optimization for Next Generation Wireless Networks: Overview and Future Research Directions **2019**,		33
340	Environment-Aware Drone-Base-Station Placements in Modern Metropolitans. *IEEE Wireless Communications Letters*, **2018**, 7, 372-375	5.9	33

339	UAV Data Collection Over NOMA Backscatter Networks: UAV Altitude and Trajectory Optimization **2019**,		32
338	. *IEEE Transactions on Wireless Communications*, **2009**, 8, 2100-2111	9.6	32
337	A Very Low Complexity Successive Symbol-by-Symbol Sequence Estimator for Faster-Than-Nyquist Signaling. *IEEE Access*, **2017**, 5, 7414-7422	3.5	31
336	Underlay Drone Cell for Temporary Events: Impact of Drone Height and Aerial Channel Environments. *IEEE Internet of Things Journal*, **2019**, 6, 1704-1718	10.7	30
335	Outage Probability of Ad Hoc Networks With Wireless Information and Power Transfer. *IEEE Wireless Communications Letters*, **2015**, 4, 409-412	5.9	29
334	Generating random graphs for the simulation of wireless ad hoc, actuator, sensor, and internet networks. *Pervasive and Mobile Computing*, **2008**, 4, 597-615	3.5	28
333	. *IEEE Transactions on Vehicular Technology*, **2011**, 60, 1880-1887	6.8	27
332	High Altitude Platform Station Based Super Macro Base Station Constellations. *IEEE Communications Magazine*, **2021**, 59, 103-109	9.1	27
331	Coverage and Rate Analysis for Unmanned Aerial Vehicle Base Stations with LoS/NLoS Propagation **2018**,		27
330	On the Performance of Selection Relaying **2008**,		26
329	Optimum Threshold for SNR-Based Selective Digital Relaying Schemes in Cooperative Wireless Networks **2007**,		26
328	Aerial Platforms with Reconfigurable Smart Surfaces for 5G and Beyond. *IEEE Communications Magazine*, **2021**, 59, 96-102	9.1	25
327	. *IEEE Transactions on Vehicular Technology*, **2017**, 66, 1171-1185	6.8	24
326	Device-to-Device Communication Underlaying a Finite Cellular Network Region. *IEEE Transactions on Wireless Communications*, **2017**, 16, 332-347	9.6	24
325	User-in-the-loop: spatial and temporal demand shaping for sustainable wireless networks **2014**, 52, 196-203		24
324	On the Approximation of the Generalized-K PDF by a Gamma PDF Using the Moment Matching Method **2009**,		24
323	Efficient Cooperative Diversity Schemes and Radio Resource Allocation for IEEE 802.16j **2008**,		24
322	On the optimal number of hops in infrastructure-based fixed relay networks **2005**,		24

321	Free Space Optics for Next-Generation Satellite Networks. *IEEE Consumer Electronics Magazine*, **2020**, 1-1	3.2	24
320	Effects of Blockage in Deploying mmWave Drone Base Stations for 5G Networks and Beyond **2018**,		22
319	Enabling Sphere Decoding for SCMA. *IEEE Communications Letters*, **2017**, 21, 2750-2753	3.8	22
318	**2012**,		21
317	Threshold Based Relay Selection in Cooperative Wireless Networks **2008**,		21
316	. *IEEE Access*, **2016**, 4, 5010-5029	3.5	20
315	Optimum Transmission Through the Multiple-Antenna Gaussian Multiple Access Channel. *IEEE Transactions on Information Theory*, **2016**, 62, 230-243	2.8	20
314	CDMA distributed antenna system for indoor wireless communications		19
313	Multiple Access in Aerial Networks: From Orthogonal and Non-Orthogonal to Rate-Splitting. *IEEE Open Journal of Vehicular Technology*, **2020**, 1, 372-392	5.3	19
312	. *IEEE Transactions on Wireless Communications*, **2019**, 18, 753-768	9.6	19
311	Limited Rate Feedback Scheme for Resource Allocation in Secure Relay-Assisted OFDMA Networks. *IEEE Transactions on Wireless Communications*, **2016**, 15, 2604-2618	9.6	18
310	Cellular V2X Transmission for Connected and Autonomous Vehicles Standardization, Applications, and Enabling Technologies. *IEEE Consumer Electronics Magazine*, **2019**, 8, 91-98	3.2	18
309	Low-Complexity Detection of High-Order QAM Faster-Than-Nyquist Signaling. *IEEE Access*, **2017**, 5, 14579-14588	3.5	18
308	On the Approximation of the PDF of the Sum of Independent Generalized-K RVs by Another Generalized-K PDF with Applications to Distributed Antenna Systems **2010**,		18
307	Cross-Layer Resource Scheduling for Video Traffic in the Downlink of OFDMA-Based Wireless 4G Networks. *Eurasip Journal on Wireless Communications and Networking*, **2009**, 2009,	3.2	18
306	. *IEEE Transactions on Wireless Communications*, **2020**, 19, 7153-7168	9.6	18
305	A Flexible and Lightweight Group Authentication Scheme. *IEEE Internet of Things Journal*, **2020**, 7, 10277-10287	10.7	17
304	A Novel Multiobjective Cell Switch-Off Framework for Cellular Networks. *IEEE Access*, **2016**, 4, 7883-7898	3.5	17

303	**2012**,		17
302	. *IT Professional*, **2018**, 20, 31-34	1.9	17
301	Limit theorem on the sum of identically distributed equally and positively correlated joint lognormals. *IEEE Transactions on Communications*, **2009**, 57, 3538-3542	6.9	16
300	Optimal downlink resource allocation for non-real time traffic in cellular CDMA/TDMA networks. *IEEE Communications Letters*, **2006**, 10, 278-280	3.8	16
299	Adaptive modulation, adaptive coding, and power control for fixed cellular broadband wireless systems: some new insights		16
298	On the Error Probability of Cognitive RF-FSO Relay Networks Over Rayleigh/EW Fading Channels With Primary-Secondary Interference. *IEEE Photonics Journal*, **2020**, 12, 1-13	1.8	16
297	Laser Intersatellite Links in a Starlink Constellation: A Classification and Analysis. *IEEE Vehicular Technology Magazine*, **2021**, 16, 48-56	9.9	16
296	Intelligent Reflecting Surfaces Assisted UAV Communications for IoT Networks: Performance Analysis. *IEEE Transactions on Green Communications and Networking*, **2021**, 5, 1029-1040	4	16
295	Fair Resource Allocation Toward Ubiquitous Coverage in OFDMA-Based Cellular Relay Networks With Asymmetric Traffic. *IEEE Transactions on Vehicular Technology*, **2011**, 60, 2280-2292	6.8	15
294	A Cumulant-Based Characterization of the Aggregate Interference Power in Wireless Networks **2010**,		15
293	. *IEEE Vehicular Technology Conference*, **2008**,	0.1	15
292	SINR threshold lower bound for SINR-based call admission control in CDMA networks with imperfect power control. *IEEE Communications Letters*, **2005**, 9, 331-333	3.8	15
291	**2003**,		15
290	. *IEEE Wireless Communications Letters*, **2016**, 5, 316-319	5.9	14
289	CoV-Based Metrics for Quantifying the Regularity of Hard-Core Point Processes for Modeling Base Station Locations. *IEEE Wireless Communications Letters*, **2016**, 5, 276-279	5.9	14
288	Secondary User Access in LTE Architecture Based on a Base-Station-Centric Framework With Dynamic Pricing. *IEEE Transactions on Vehicular Technology*, **2013**, 62, 284-296	6.8	14
287	Optimized Distributed Inter-Cell Interference Coordination (ICIC) Scheme Using Projected Subgradient and Network Flow Optimization. *IEEE Transactions on Communications*, **2015**, 63, 107-124	6.9	14
286	Radio Resource Management in OFDMA-Based Cellular Networks Enhanced with Fixed and Nomadic Relays **2010**,		14

285	Fairness-Aware Joint Routing and Scheduling in OFDMA-Based Cellular Fixed Relay Networks **2009**,		14
284	A Holistic Investigation of Terahertz Propagation and Channel Modeling toward Vertical Heterogeneous Networks. *IEEE Communications Magazine*, **2020**, 58, 14-20	9.1	14
283	Uplink Coverage Performance of an Underlay Drone Cell for Temporary Events **2018**,		13
282	A set cover based algorithm for Cell Switch-Off with different cell sorting criteria **2014**,		13
281	A Pricing Based Algorithm for Cell Switching Off in Green Cellular Networks **2013**,		13
280	User in the Loop: Mobility Aware Users Substantially Boost Spectral Efficiency of Cellular OFDMA Systems. *IEEE Communications Letters*, **2011**, 15, 488-490	3.8	13
279	Downlink Joint Base-station Assignment and Packet Scheduling Algorithm for Cellular CDMA/TDMA Networks **2006**,		13
278	New Trends in Stochastic Geometry for Wireless Networks: A Tutorial and Survey. *Proceedings of the IEEE*, **2021**, 109, 1200-1252	14.3	13
277	Automation of Millimeter Wave Network Planning for Outdoor Coverage in Dense Urban Areas Using Wall-Mounted Base Stations. *IEEE Wireless Communications Letters*, **2017**, 6, 206-209	5.9	12
276	Cell Switch-Off for Networks Deployed With Variable Spatial Regularity. *IEEE Wireless Communications Letters*, **2017**, 6, 234-237	5.9	12
275	Optimization of Discrete Power and Resource Block Allocation for Achieving Maximum Energy Efficiency in OFDMA Networks. *IEEE Access*, **2017**, 5, 8648-8658	3.5	12
274	Reduced complexity optimal detection of binary faster-than-Nyquist signaling **2017**,		12
273	On the Tails of the Distribution of the Sum of Lognormals **2007**,		12
272	Resource Allocation-Based PAPR Analysis in Uplink SCMA-OFDM Systems. *IEEE Access*, **2019**, 7, 162803-162817	3.5	12
271	Site Diversity in Downlink Optical Satellite Networks Through Ground Station Selection. *IEEE Access* , **2021**, 9, 31179-31190	3.5	12
270	Joint Realtime and Nonrealtime Flows Packet Scheduling and Resource Block Allocation in Wireless OFDMA Networks. *IEEE Transactions on Vehicular Technology*, **2016**, 65, 2589-2607	6.8	11
269	. *IEEE Wireless Communications Letters*, **2017**, 6, 354-357	5.9	11
268	Big-Data-Driven and AI-Based Framework to Enable Personalization in Wireless Networks. *IEEE Communications Magazine*, **2020**, 58, 18-24	9.1	11

267	. *IEEE Transactions on Mobile Computing*, **2013**, 12, 1955-1971	4.6	11
266	Performance Analysis of Soft-Bit Maximal Ratio Combining in Cooperative Relay Networks. *IEEE Transactions on Wireless Communications*, **2009**, 8, 4934-4939	9.6	11
265	Antenna combining for multi-antenna multi-relay channels. *European Transactions on Telecommunications*, **2007**, 18, 617-626		11
264	Multicell Downlink OFDM Subchannel Allocations Using Dynamic Intercell Coordination **2007**,		11
263	On the capacity of cellular fixed relay networks		11
262	Power control and number of antenna elements in CDMA distributed antenna systems		11
261	On the Downlink Performance of RSMA-Based UAV Communications. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 16258-16263	6.8	11
260	. *IEEE Transactions on Wireless Communications*, **2021**, 20, 1501-1516	9.6	11
259	DeepMuD: Multi-User Detection for Uplink Grant-Free NOMA IoT Networks via Deep Learning. *IEEE Wireless Communications Letters*, **2021**, 10, 1133-1137	5.9	11
258	**2019**,		11
257	Beamforming for Maximal Coverage in mmWave Drones: A Reinforcement Learning Approach. *IEEE Communications Letters*, **2020**, 24, 1033-1037	3.8	10
256	. *IEEE Access*, **2019**, 7, 93511-93536	3.5	10
255	LTE for Public Safety Networks: Synchronization in the Presence of Jamming. *IEEE Access*, **2017**, 5, 20800-20813	3.5	10
254	. *IEEE Transactions on Wireless Communications*, **2012**, 11, 1861-1871	9.6	10
253	Backhaul-Aware Optimization of UAV Base Station Location and Bandwidth Allocation for Profit Maximization. *IEEE Access*, **2020**, 8, 154573-154588	3.5	10
252	A Novel SD-Based Detection for Generalized SCMA Constellations. *IEEE Transactions on Vehicular Technology*, **2019**, 68, 10278-10282	6.8	9
251	Grassmannian Signalling Achieves Tight Bounds on the Ergodic High-SNR Capacity of the Noncoherent MIMO Full-Duplex Relay Channel. *IEEE Transactions on Information Theory*, **2014**, 60, 2480-2494	2.8	9
250	Unified and non-parameterized statistical modeling of temporal and spatial traffic heterogeneity in wireless cellular networks **2014**,		9

249	Inter-Cell Interference Coordination in OFDMA Networks: A Novel Approach Based on Integer Programming **2010**,		9
248	Achievable Capacity in Hybrid DS-CDMA/OFDM Spectrum-Sharing. *IEEE Transactions on Mobile Computing*, **2010**, 9, 765-777	4.6	9
247	Green communications by demand shaping and user-in-the-loop tariff-based control **2011**,		9
246	A Fair Radio Resource Allocation Scheme for Ubiquitous High-Data-Rate Coverage in OFDMA-Based Cellular Relay Networks **2009**,		9
245	WLC35-6: Relay-Assisted Spatial Multiplexing in Wireless Fixed Relay Networks. *IEEE Global Telecommunications Conference (GLOBECOM)*, **2006**,		9
244	Interference management using basestation coordination in broadband wireless access networks. *Wireless Communications and Mobile Computing*, **2006**, 6, 95-103	1.9	9
243	Communication, Computing, Caching, and Sensing for Next-Generation Aerial Delivery Networks: Using a High-Altitude Platform Station as an Enabling Technology. *IEEE Vehicular Technology Magazine*, **2021**, 16, 108-117	9.9	9
242	User-in-the-loop for hethetnets with backhaul capacity constraints. *IEEE Wireless Communications*, **2015**, 22, 50-57	13.4	8
241	Measuring the spatial heterogeneity of outdoor users in wireless cellular networks based on open urban maps **2015**,		8
240	. *IEEE Transactions on Wireless Communications*, **2018**, 17, 2932-2945	9.6	8
239	Routing, Scheduling and Power Allocation in Generic OFDMA Wireless Networks: Optimal Design and Efficiently Computable Bounds. *IEEE Transactions on Wireless Communications*, **2014**, 13, 2034-2046	9.6	8
238	. *IEEE Transactions on Wireless Communications*, **2013**, 12, 3264-3277	9.6	8
237	QoS-Guaranteed User Association in HetNets via Semidefinite Relaxation **2015**,		8
236	Joint routing, scheduling and power allocation in OFDMA wireless ad hoc networks **2012**,		8
235	Optimized Nonuniform Constellation Rearrangement for Cooperative Relaying. *IEEE Transactions on Vehicular Technology*, **2011**, 60, 2340-2347	6.8	8
234	A simple distributed antenna processing scheme for cooperative diversity. *IEEE Transactions on Communications*, **2009**, 57, 626-629	6.9	8
233	Antenna interconnection strategies for personal communication systems. *IEEE Journal on Selected Areas in Communications*, **1997**, 15, 1327-1336	14.2	8
232	. *IEEE Vehicular Technology Conference*, **2008**,	0.1	8

231	Cooperative Connectivity Models for Wireless Relay Networks. *IEEE Transactions on Wireless Communications*, **2007**, 6, 1992-2000	9.6	8
230	WLC41-3: On the Performance of Cooperative Wireless Fixed Relays in Asymmetric Channels. *IEEE Global Telecommunications Conference (GLOBECOM)*, **2006**,		8
229	Low-Complexity Detection for Faster-than-Nyquist Signaling Based on Probabilistic Data Association. *IEEE Communications Letters*, **2020**, 24, 762-766	3.8	8
228	Wireless Networks With Cache-Enabled and Backhaul-Limited Aerial Base Stations. *IEEE Transactions on Wireless Communications*, **2020**, 19, 7363-7376	9.6	8
227	Dynamics of Laser-Charged UAVs: A Battery Perspective. *IEEE Internet of Things Journal*, **2021**, 8, 10573-10582	10.7	8
226	Antenna Selection in MIMO Cognitive AF Relay Networks With Mutual Interference and Limited Feedback. *IEEE Communications Letters*, **2017**, 21, 1111-1114	3.8	7
225	Coverage Performance of Aerial-Terrestrial HetNets **2019**,		7
224	Optimal Design of the Spectrum Sensing Parameters in the Overlay Spectrum Sharing. *IEEE Transactions on Mobile Computing*, **2014**, 13, 2071-2085	4.6	7
223	Polar Code Design for Irregular Multidimensional Constellations. *IEEE Access*, **2017**, 5, 21941-21953	3.5	7
222	Secure Robust Resource Allocation in the Presence of Active Eavesdroppers Using Full-Duplex Receivers **2015**,		7
221	**2015**,		7
220	Selection Combining of Signals with Different Modulation Levels in Nakagami-m Fading. *IEEE Communications Letters*, **2012**, 16, 752-755	3.8	7
219	Threshold-Based Relay Selection for Detect-and-Forward Relaying in Cooperative Wireless Networks. *Eurasip Journal on Wireless Communications and Networking*, **2010**, 2010,	3.2	7
218	Optimal Relay Location for Fading Relay Channels **2010**,		7
217	Multihop Wireless Channel Models Suitable for Stochastic Petri Nets and Markov State Analysis **2011**,		7
216	Analysis of Interference from Large Clusters as Modeled by the Sum of Many Correlated Lognormals **2008**,		7
215	Energy-Efficient RIS-Assisted Satellites for IoT Networks. *IEEE Internet of Things Journal*, **2021**, 1-1	10.7	7
214	. *IEEE Wireless Communications*, **2021**, 28, 96-105	13.4	7

213	Secure robust resource allocation using full-duplex receivers **2015**,		6
212	Mobility-Assisted Over-the-Air Computation for Backscatter Sensor Networks. *IEEE Wireless Communications Letters*, **2020**, 9, 675-678	5.9	6
211	Quantifying the Regularity of Perturbed Triangular Lattices Using CoV-Based Metrics for Modeling the Locations of Base Stations in HetNets **2016**,		6
210	Performance analysis of fisher-snedecor F composite fading channels **2018**,		6
209	. *IEEE Transactions on Communications*, **2013**, 61, 1810-1821	6.9	6
208	Aggregate Interference Distribution From Large Wireless Networks With Correlated Shadowing: An Analytical Numerical Simulation Approach. *IEEE Transactions on Vehicular Technology*, **2011**, 60, 2752-2764	6.8	6
207	A Novel Architecture for Multi-Hop WiMAX Systems: Shared Relay Segmentation **2010**,		6
206	Downlink Linear Transmission Schemes in a Single-Cell Distributed Antenna System with Port Selection **2011**,		6
205	A Distributed Framework with a Novel Pricing Model for Enabling Dynamic Spectrum Access for Secondary Users **2009**,		6
204	A Novel Scheme for Aggregate Throughput Maximization with Fairness Constraints in Cellular Networks **2006**,		6
203	On the Diversity-Multiplexing Tradeoff for Multi-Antenna Multi-Relay Channels **2007**,		6
202	Future Ultra-Dense LEO Satellite Networks: A Cell-Free Massive MIMO Approach **2021**,		6
201	Robust Resource Allocation for Cooperative MISO-NOMA-Based Heterogeneous Networks. *IEEE Transactions on Communications*, **2021**, 69, 3864-3878	6.9	6
200	Non-Coherent Open-Loop MIMO Communications Over Temporally-Correlated Channels. *IEEE Access*, **2016**, 4, 6161-6170	3.5	6
199	Spatial Clustering in Slotted ALOHA Two-Hop Random Access for Machine Type Communication **2016**,		6
198	. *IEEE Transactions on Communications*, **2019**, 67, 1770-1782	6.9	6
197	Offline and Online UAV-enabled Data Collection in Time-constrained IoT Networks. *IEEE Transactions on Green Communications and Networking*, **2021**, 1-1	4	6
196	. *IEEE Access*, **2021**, 9, 61832-61852	3.5	6

195	A Cognitive Radio Enabled RF/FSO Communication Model for Aerial Relay Networks: Possible Configurations and Opportunities. *IEEE Open Journal of Vehicular Technology*, **2021**, 2, 45-53	5.3	6
194	Multi-Resolution Multicasting Over the Grassmann and Stiefel Manifolds. *IEEE Transactions on Wireless Communications*, **2017**, 16, 5296-5310	9.6	5
193	. *IEEE Vehicular Technology Magazine*, **2019**, 14, 80-88	9.9	5
192	. *IEEE Journal on Selected Areas in Communications*, **2015**, 33, 848-864	14.2	5
191	Revisiting Error Analysis in Convolutionally Coded Systems: The Irregular Constellation Case. *IEEE Transactions on Communications*, **2018**, 66, 465-477	6.9	5
190	Chinese Remainder Theorem-Based Sequence Design for Resource Block Assignment in Relay-Assisted Internet-of-Things Communications. *IEEE Transactions on Wireless Communications*, **2018**, 17, 3401-3416	9.6	5
189	Generalized Cross-Layer Designs for Generic Half-Duplex Multicarrier Wireless Networks With Frequency-Reuse. *IEEE Transactions on Wireless Communications*, **2016**, 15, 458-471	9.6	5
188	BER Upper Bound Expressions in Coded Two-Transmission Schemes With Arbitrarily Spaced Signal Constellations. *IEEE Communications Letters*, **2016**, 20, 248-251	3.8	5
187	A Simple Approximation of the Aggregate Interference From a Cluster of Many Interferers With Correlated Shadowing. *IEEE Transactions on Wireless Communications*, **2014**, 13, 4415-4423	9.6	5
186	Polar Codes for SCMA Systems **2017**,		5
185	Efficient resource allocation for video streaming for 5G network-to-vehicle communications **2017**,		5
184	The impact of user spatial heterogeneity in heterogeneous cellular networks **2014**,		5
183	A Cumulant-Based Investigation of the Impact of Secondary UsersQ Field Size on Spectrum-Sharing Opportunities. *IEEE Transactions on Vehicular Technology*, **2011**, 60, 3490-3497	6.8	5
182	Novel Approaches to Determine the Optimal Operating Point of Spectrum Sensing in Overlay Spectrum Sharing **2010**,		5
181	Investigating the validity of the Gaussian approximation for the distribution of the aggregate interference power in large wireless networks **2010**,		5
180	A novel distributed inter-cell interference coordination scheme based on projected subgradient and network flow optimization **2011**,		5
179	Throughput fairness and efficiency of link adaptation techniques in wireless networks. *IET Communications*, **2009**, 3, 1227	1.3	5
178	On the performance of time division multiple access-based multihop fixed cellular networks with respect to available frequency carriers. *IET Communications*, **2008**, 2, 1196	1.3	5

177	Enabling Partial Forwarding by Decoding-Based One and Two-Stage Selective Cooperation **2008**,		5
176	Adaptive Multiple Time-Scale Power Allocation for Spectrum Sharing in DS-CDMA Networks **2008**,		5
175	Multi-antenna aspects of wireless fixed relays **2006**,		5
174			5
173	Energy-Efficient Multi-UAV Data Collection for IoT Networks with Time Deadlines **2020**,		5
172	Personalized Resource Allocation in Wireless Networks: An AI-Enabled and Big Data-Driven Multi-Objective Optimization. *IEEE Access*, **2020**, 8, 144592-144609	3.5	5
171	Rate-Splitting and NOMA-Enabled Uplink User Cooperation **2021**,		5
170	**2019**,		5
169	Randomized Caching in Cooperative UAV-Enabled Fog-RAN **2019**,		5
168	A Hybrid Companding and Clipping Scheme for PAPR Reduction in OFDM Systems. *IEEE Access*, **2021**, 9, 61565-61576	3.5	5
167	Link Budget Analysis for Reconfigurable Smart Surfaces in Aerial Platforms. *IEEE Open Journal of the Communications Society*, **2021**, 2, 1980-1995	6.7	5
166	Guest Editorial Airborne Communication Networks. *IEEE Journal on Selected Areas in Communications*, **2018**, 36, 1903-1906	14.2	5
165	A Spectrally Efficient Signal Space Diversity-Based Two-Way Relaying System. *IEEE Transactions on Vehicular Technology*, **2017**, 66, 6215-6230	6.8	4
164	A Synthetic User Behavior Dataset Design for Data-Driven AI-Based Personalized Wireless Networks **2019**,		4
163	Dataset Modeling for Data-Driven AI-Based Personalized Wireless Networks **2019**,		4
162	. *IEEE Transactions on Communications*, **2019**, 67, 5377-5389	6.9	4
161	Load balancing in cellular networks with user-in-the-loop: A spatial traffic shaping approach **2015**,		4
160	Non-Orthogonal Multiple Access in the Presence of Additive Generalized Gaussian Noise. *IEEE Communications Letters*, **2020**, 24, 2137-2141	3.8	4

159	Joint Power Allocation and Constellation Design for Cognitive Radio Systems. *IEEE Transactions on Vehicular Technology*, **2018**, 67, 4661-4665	6.8	4
158	. *IEEE Transactions on Vehicular Technology*, **2018**, 67, 8964-8968	6.8	4
157	Performance analysis of low latency multiple full-duplex selective decode and forward relays **2018**,		4
156	How Do Non-Ideal UAV Antennas Affect Air-to-Ground Communications? **2019**,		4
155	**2014**,		4
154	Design of High-SNR Multidimensional Constellations for Orthogonal Transmission in a Nakagami-${m}$ Fading Channel. *IEEE Access*, **2017**, 5, 26623-26638	3.5	4
153	A novel multiobjective framework for cell switch-off in dense cellular networks **2014**,		4
152	Impact of Secondary UsersQ Field Size on Spectrum Sharing Opportunities **2010**,		4
151	Max-Min Fair Resource Allocation for Multiuser Amplify-and-Forward Relay Networks **2010**,		4
150	The ergodic and outage capacities of distributed antenna systems in generalized-K fading channels **2010**,		4
149	Outage in a cellular network overlaid with an ad hoc network: The uplink case **2011**,		4
148	Fairness analysis in cellular networks using stochastic petri nets **2011**,		4
147	Turbo Packet Combining for Relaying Schemes Over Multiantenna Broadband Channels. *IEEE Transactions on Vehicular Technology*, **2012**, 61, 2965-2977	6.8	4
146	Separating the Effect of Independent Interference Sources with Rayleigh Faded Signal Link: Outage Analysis and Applications. *IEEE Wireless Communications Letters*, **2012**, 1, 409-411	5.9	4
145	On the Asymptotic Analysis of Average Interference Power Generated by a Wireless Sensor Network **2008**,		4
144	Asymptotic BER Analysis of Threshold Digital Relaying Schemes in Cooperative Wireless Systems **2008**,		4
143	Adaptive Multi-Stream Relaying **2006**,		4
142	Diversity Order Bounds for Wireless Relay Networks **2007**,		4

141	Practical capacity calculation for time-hopping ultra-wide band multiple-access communications. *IEEE Communications Letters*, **2005**, 9, 601-603	3.8	4
140	A relaying algorithm for multihop TDMA TDD networks using diversity **2003**,		4
139	Cooperation in Space: HAPS-Aided Optical Inter-Satellite Connectivity with Opportunistic Scheduling. *IEEE Communications Letters*, **2022**, 1-1	3.8	4
138	A Novel Low Complexity Faster-than-Nyquist (FTN) Signaling Detector for Ultra High-Order QAM. *IEEE Open Journal of the Communications Society*, **2021**, 2, 2566-2580	6.7	4
137	A Weather-Dependent Hybrid RF/FSO Satellite Communication for Improved Power Efficiency. *IEEE Wireless Communications Letters*, **2021**, 1-1	5.9	4
136	Reinforcement Learning for Energy-Efficient Trajectory Design of UAVs. *IEEE Internet of Things Journal*, **2021**, 1-1	10.7	4
135	Optimal Altitude Selection of Aerial Base Stations to Maximize Coverage and Energy Harvesting Probabilities: A Stochastic Geometry Analysis. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 1096-1100	6.8	4
134	. *IEEE Transactions on Wireless Communications*, **2021**, 20, 2838-2849	9.6	4
133	Channel Estimation for Full-Duplex RIS-assisted HAPS Backhauling with Graph Attention Networks **2021**,		4
132	A systematic design approach for non-coherent Grassmannian constellations **2016**,		4
131	Signal Space Cognitive Cooperation. *IEEE Transactions on Vehicular Technology*, **2019**, 68, 1953-1957	6.8	4
130	. *IEEE Transactions on Mobile Computing*, **2020**, 19, 2445-2460	4.6	4
129	Multi-user Joint Maximum-Likelihood Detection in Uplink NOMA-IoT Networks: Removing the Error Floor. *IEEE Wireless Communications Letters*, **2021**, 1-1	5.9	4
128	Backscatter communications with NOMA (Invited Paper) **2018**,		4
127	Time-Frequency Grassmannian Signalling for MIMO Multi-Channel-Frequency-Flat Systems. *IEEE Communications Letters*, **2015**, 19, 475-478	3.8	3
126	Polar Coded Faster-than-Nyquist (FTN) Signaling with Symbol-by-Symbol Detection **2020**,		3
125	Admission Control of Wireless Virtual Networks in HetHetN ets. *IEEE Transactions on Vehicular Technology*, **2018**, 67, 4565-4576	6.8	3
124	Conjoint Routing and Resource Allocation in OFDMA-Based D2D Wireless Networks. *IEEE Access*, **2018**, 6, 18868-18882	3.5	3

123	A Novel Self-Interference Cancellation Scheme for Channel-Unaware Differential Space-Time Two-Way Relay Networks. *IEEE Transactions on Wireless Communications*, **2018**, 17, 1226-1241	9.6	3
122	On the Spectral Efficiency of Selective Decode-and-Forward Relaying. *IEEE Transactions on Vehicular Technology*, **2016**, 1-1	6.8	3
121	Erlang analysis of cellular networks using stochastic Petri nets and user-in-the-loop extension for demand control **2013**,		3
120	A Novel Approach for QoS-Aware Joint User Association, Resource Block and Discrete Power Allocation in HetNets. *IEEE Transactions on Wireless Communications*, **2017**, 16, 7603-7618	9.6	3
119	Measurement-Based Path Loss and Delay Spread Propagation Models in VHF/UHF Bands for IoT Communications **2017**,		3
118	An Autonomous Resource Block Assignment Scheme for OFDMA-Based Relay-Assisted Cellular Networks. *IEEE Transactions on Wireless Communications*, **2012**, 11, 637-647	9.6	3
117	Efficient Simulation using Shadowing Fields of Many Wireless Interferers with Correlated Shadowing **2010**,		3
116	On the Statistics of the Sum of Correlated Generalized-K RVs **2010**,		3
115	Impact of the Secondary Network on the Outage Performance of the Primary Service in Spectrum Sharing **2010**,		3
114	**2010**,		3
113	On the generalization of decode-and-forward and compress-and-forward for Gaussian relay channels **2011**,		3
112	**2009**,		3
111	Spectral Efficiency and Fairness Tradeoffs in Cellular Networks with Realtime+Nonrealtime Traffic Mix Using Stochastic Petri Nets **2012**,		3
110	. *IEEE Communications Letters*, **2008**, 12, 865-867	3.8	3
109	**2008**,		3
108	Analytical Modeling of Interference in Cellular Fixed Relay Networks **2006**,		3
107	Scheduling of multimedia traffic in interference-limited broadband wireless access networks		3
106	Low-Density Spreading Design Based on an Algebraic Scheme for NOMA Systems. *IEEE Wireless Communications Letters*, **2022**, 1-1	5.9	3

105	Hypercube-Based Multidimensional Constellation Design for Uplink SCMA Systems **2020**,		3
104	Low-Complexity Detection of M-ary PSK Faster-than-Nyquist Signaling **2019**,		3
103	. *IEEE Wireless Communications Letters*, **2019**, 8, 669-672	5.9	3
102	An Application-Driven Nonorthogonal-Multiple-Access-Enabled Computation Offloading Scheme. *IEEE Internet of Things Journal*, **2021**, 8, 1453-1466	10.7	3
101	An Efficient 3D Positioning Approach to Minimize Required UAVs for IoT Network Coverage. *IEEE Internet of Things Journal*, **2021**, 1-1	10.7	3
100	TAS Strategies for Incremental Cognitive MIMO Relaying: New Results and Accurate Comparison. *IEEE Access*, **2018**, 6, 23480-23499	3.5	3
99	Spectrum Sensing for Symmetric α-Stable Noise Model With Convolutional Neural Networks. *IEEE Transactions on Communications*, **2021**, 69, 5121-5135	6.9	3
98	Group Handover for Drone Base Stations. *IEEE Internet of Things Journal*, **2021**, 8, 13876-13887	10.7	3
97	HARQ in Full-Duplex Relay-Assisted Transmissions for URLLC. *IEEE Open Journal of the Communications Society*, **2021**, 2, 409-422	6.7	3
96	LEO Satellites in 5G and Beyond Networks: A Review From a Standardization Perspective. *IEEE Access*, **2022**, 10, 35040-35060	3.5	3
95	Caching and Computation Offloading in High Altitude Platform Station (HAPS) Assisted Intelligent Transportation Systems. *IEEE Transactions on Wireless Communications*, **2022**, 1-1	9.6	3
94	Number-Theoretic Sequence Design for Uncoordinated Autonomous Multiple Access in Relay-Assisted Machine-Type Communications. *IEEE Transactions on Vehicular Technology*, **2017**, 66, 9018-9034	6.8	2
93	. *IEEE Access*, **2019**, 7, 116162-116171	3.5	2
92	. *IEEE Transactions on Communications*, **2019**, 67, 5940-5952	6.9	2
91	Power Allocation Optimization in Selective DF Relaying With Different Modulation Levels in the Presence of Imperfect Channel Estimations. *IEEE Communications Letters*, **2015**, 19, 867-870	3.8	2
90	. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 8499-8513	6.8	2
89	**2020**,		2
88	Exploiting the N -to-1 Mapping in Compress-and-Forward Relaying. *IEEE Transactions on Information Theory*, **2016**, 62, 290-308	2.8	2

87	Fairness-oriented resource allocation for energy efficiency optimization in uplink OFDMA networks **2018**,		2
86	Coordinated Multi-Point (CoMP) adaptive estimation and prediction schemes using superimposed and decomposed channel tracking **2013**,		2
85	A novel probabilistic path loss model for simulating coexistence between 802.11 and 802.15.4 networks in smart home environments **2017**,		2
84	Optimal design and power allocation for multicarrier decode and forward relays **2015**,		2
83	Multi-resolution broadcasting over the Grassmann and stiefel manifolds **2014**,		2
82	First Survey Results of Quantified User Behavior in User-in-the-Loop Scenarios for Sustainable Wireless Networks **2012**,		2
81	. *IEEE Transactions on Information Theory*, **2013**, 59, 5331-5351	2.8	2
80	Energy Efficiency and Capacity Evaluation of LTE-Advanced Downlink CoMP Schemes Subject to Channel Estimation Errors and System Delay **2013**,		2
79	On the Delay-Fairness through Scheduling for Wireless OFDMA Networks **2011**,		2
78	**2010**,		2
77	Identifying boundaries of dominant regions dictating spectrum sharing opportunities for large secondary networks **2010**,		2
76	Near-optimal non-uniform constellation rearrangement for cooperative relaying **2010**,		2
75	Generalized Constellation Rearrangement in Cooperative Relaying **2010**,		2
74	A Competitive and Dynamic Pricing Model for Secondary Users in Infrastructure Based Networks **2010**,		2
73	On the impact of correlated shadowing on the performance of user-in-the-loop for mobility **2012**,		2
72	Fairness Assessment of the Adaptive Token Bank Fair Queuing Scheduling Algorithm **2008**,		2
71	Adaptive Token Bank Fair Queuing Scheduling in the Downlink of 4G Wireless Multicarrier Networks. *IEEE Vehicular Technology Conference*, **2008**,	0.1	2
70	Spectral Efficiency and User Diversity Gains Through Cooperative Fixed Relays **2006**,		2

69	On the scalability of relay based wireless networks **2006**,		2
68	. *IEEE Transactions on Communications*, **2002**, 50, 1356-1371	6.9	2
67	Optimal Power Allocation in Downlink Multicarrier NOMA Systems: Theory and Fast Algorithms. *IEEE Journal on Selected Areas in Communications*, **2022**, 1-1	14.2	2
66	The Secrecy Comparison of RF and FSO Eavesdropping Attacks in Mixed RF-FSO Relay Networks. *IEEE Photonics Journal*, **2022**, 14, 1-8	1.8	2
65	Phasing Parameter Analysis for Satellite Collision Avoidance in Starlink and Kuiper Constellations **2021**,		2
64	User Clustering in mmWave-NOMA Systems With User Decoding Capability Constraints for B5G Networks. *IEEE Access*, **2020**, 8, 209949-209963	3.5	2
63	**2016**,		2
62	Fast Decoder for Overloaded Uniquely Decodable Synchronous Optical CDMA **2019**,		2
61	A Lightweight Machine Learning Assisted Power Optimization for Minimum Error in NOMA-CRS over Nakagami-m channels. *IEEE Transactions on Vehicular Technology*, **2021**, 1-1	6.8	2
60	A Novel Low Complexity Faster-Than-Nyquist Signaling Detector Based on the Primal-Dual Predictor-Corrector Interior Point Method. *IEEE Communications Letters*, **2021**, 25, 2370-2374	3.8	2
59	Securing the Inter-Spacecraft Links: Physical Layer Key Generation From Doppler Frequency Shift. *IEEE Journal of Radio Frequency Identification*, **2021**, 5, 232-243	2.4	2
58	A Deep Learning-Based Approach for Cell Outage Compensation in NOMA Networks. *IEEE Open Journal of Vehicular Technology*, **2022**, 1-1	5.3	2
57	Time-Switching and Phase-Shifting Control for RIS-Assisted SWIPT Communications. *IEEE Wireless Communications Letters*, **2022**, 1-1	5.9	2
56	Toward Massive Ray-Based Simulations of mmWave Small Cells on Open Urban Maps. *IEEE Antennas and Wireless Propagation Letters*, **2017**, 16, 1435-1438	3.8	1
55	Optimal TAS for Cross-Interference Mitigation in Cognitive MIMO MRC Systems **2019**,		1
54	Non-coherent multi-layer constellations for unequal error protection **2017**,		1
53	Optimization of a class of non-convex objectives on the Gaussian MIMO multiple access channel: Algorithm development and convergence analysis **2014**,		1
52	LTE Physical-Layer Identity Detection in the Presence of Jamming **2017**,		1

51	**2017**,		1
50	Polar coded multi-antenna multidimensional constellations in partially coherent channels **2017**,		1
49	A Signal Space Diversity-Based Time Division Broadcast Protocol in Two-Way Relay Systems **2015**,		1
48	On the accuracy of the high SNR approximation of the differential entropy of signals in additive Gaussian noise **2014**,		1
47	Generalized coordinated port selection in a multi-cell distributed antenna system using semidefinite relaxation **2013**,		1
46	On the Beamforming Optimality Range in TIMO Channels with Common and Individual Input Power Constraints. *IEEE Transactions on Communications*, **2011**, 59, 648-651	6.9	1
45	An emerging concept for 4G+ wireless cellular networks: Terminal relaying **2011**,		1
44	On the Use of High-Order Moment Matching to Approximate the Generalized-k Distribution by a Gamma Distribution **2009**,		1
43	Identification of spectrum sharing opportunities for a finite field secondary network through an exact outage expression under Rayleigh fading **2011**,		1
42	Coordinated max-min fair port selection in a multi-cell distributed antenna system using semidefinite relaxation **2012**,		1
41	Convergence of Iterative Water-Filling With Quantized Feedback: A Sufficient Condition. *IEEE Transactions on Signal Processing*, **2012**, 60, 2688-2693	4.8	1
40	Threshold based distributed detection that achieves full diversity in wireless sensor networks **2008**,		1
39	Hybrid macro/microdiversity techniques in the reverse-link wireless communication networks. *IEEE Transactions on Wireless Communications*, **2006**, 5, 3344-3349	9.6	1
38	Opportunistic Nonorthogonal Packet Scheduling in Fixed Broadband Wireless Access Networks. *Eurasip Journal on Wireless Communications and Networking*, **2006**, 2006, 1	3.2	1
37	**2004**,		1
36	Energy-Efficient Coverage Enhancement of Indoor THz-MISO Systems: An FD-NOMA Approach **2021**,		1
35	Group Authentication for Drone Swarms **2021**,		1
34	Low-Complexity Resource Allocation for Dense Cellular Vehicle-to-Everything (C-V2X) Communications. *IEEE Open Journal of the Communications Society*, **2021**, 2, 2695-2713	6.7	1

33	UAV-Based Crowd Surveillance in Post COVID-19 Era. *IEEE Access*, **2021**, 9, 162276-162290	3.5	1
32	Coded Faster-than-Nyquist Signaling for Short Packet Communications **2021**,		1
31	Uplink Coverage and Handoff Rate with Realistic Power Control Models and Blind Cell Search **2020**,		1
30	Placement Optimization of Multiple UAV Base Stations **2021**,		1
29	NOMA Spectral Efficiency Maximization with Improper Gaussian Signaling and SIC Imperfection **2021**,		1
28	Q-Learning Based Aerial Base Station Placement for Fairness Enhancement in Mobile Networks **2019**,		1
27	Caching or No Caching in Dense HetNets? **2019**,		1
26	Hypercube-Based SNR-Adaptive Multidimensional Constellation Design for Uplink SCMA Systems. *IEEE Transactions on Communications*, **2021**, 69, 121-132	6.9	1
25	. *IEEE Transactions on Cognitive Communications and Networking*, **2021**, 1-1	6.6	1
24	Bursty Impulsive Noise Mitigation in NOMA: A MAP Receiver-Based Approach. *IEEE Communications Letters*, **2021**, 25, 2790-2794	3.8	1
23	Authentication and Handover Challenges and Methods for Drone Swarms. *IEEE Journal of Radio Frequency Identification*, **2022**, 1-1	2.4	1
22	Enhancing UAV-Based Public Safety Networks with Reconfigurable Intelligent Surfaces. *Unmanned System Technologies*, **2022**, 145-167	0.4	1
21	Low-Complexity Decoder for Overloaded Uniquely Decodable Synchronous CDMA. *IEEE Access*, **2022**, 10, 46255-46275	3.5	1
20	On the Accuracy of the High-SNR Approximation of the Differential Entropy of Signals in Additive Gaussian Noise: Real and Complex Cases. *IEEE Transactions on Vehicular Technology*, **2015**, 64, 4845-4850	6.8	0
19	An Analysis of a Stochastic ON-OFF Queueing Mobility Model for Software-Defined Vehicle Networks. *IEEE Transactions on Mobile Computing*, **2020**, 1-1	4.6	0
18	Analytic Modeling of SIR in Cellular Networks With Heterogeneous Traffic. *IEEE Communications Letters*, **2016**, 20, 1627-1630	3.8	0
17	Localization Threats in Next-Generation Wireless Networks. *IEEE Communications Magazine*, **2021**, 59, 51-57	9.1	0
16	Composite Fading Model for Aerial MIMO FSO Links in the Presence of Atmospheric Turbulence and Pointing Errors. *IEEE Wireless Communications Letters*, **2021**, 10, 1295-1299	5.9	0

15	Intracell Frequency Band Exiling for Green Wireless Networks: Implementation, Performance Metrics, and Use Cases. *IEEE Vehicular Technology Magazine*, **2021**, 16, 31-39	9.9	0
14	Learning Power Control From a Fixed Batch of Data. *IEEE Wireless Communications Letters*, **2021**, 10, 512-516	5.9	0
13	Cancel-for-Any-Reason Insurance Recommendation Using Customer Transaction-Based Clustering. *IEEE Access*, **2021**, 9, 39363-39374	3.5	0
12	Reconfigurable Intelligent Surfaces in Action: For Nonterrestrial Networks: Employing Reconfigurable Intelligent Surfaces. *IEEE Vehicular Technology Magazine*, **2022**, 2-10	9.9	0
11	Antenna Port Selection in a Coordinated Cloud Radio Access Network. *IEEE Communications Letters*, **2017**, 21, 588-591	3.8	
10	QoS-Aware Hybrid Beamforming With Minimal Power in mmWave Massive MIMO Systems. *IEEE Access*, **2021**, 9, 164668-164680	3.5	
9	Moving Aerial Anchors Assisted Network Localization. *IEEE Transactions on Wireless Communications*, **2021**, 1-1	9.6	
8	Spectrum Sharing in DS-CDMA/OFDM Wireless Mobile Networks **2011**, 91-125		
7	Faded-Experience Trust Region Policy Optimization for Model-Free Power Allocation in Interference Channel. *IEEE Wireless Communications Letters*, **2021**, 10, 659-663	5.9	
6	A Novel Centralized Cloud-Based Mobile Data Rollover Management. *IEEE Wireless Communications* , **2021**, 28, 166-171	13.4	
5	Data-Oriented View for Convolutional Coding With Adaptive Irregular Constellations. *IEEE Communications Letters*, **2021**, 25, 1771-1775	3.8	
4	NOMA Computation Over Multi-Access Channels for Multimodal Sensing. *IEEE Wireless Communications Letters*, **2021**, 1-1	5.9	
3	Preserving User Privacy in Personalized Networks. *IEEE Networking Letters*, **2021**, 3, 124-128	2.8	
2	Energy Efficiency Maximization of Full-Duplex NOMA Systems with Improper Gaussian Signaling under Imperfect Self-Interference Cancellation. *IEEE Communications Letters*, **2022**, 1-1	3.8	
1	Power-Time Channel Diversity (PTCD): A Novel Resource-Efficient Diversity Technique for 6G and Beyond. *IEEE Wireless Communications Letters*, **2022**, 1-1	5.9	