Marco Di Renzo

List of Publications by Citations

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

154 papers	10,764 citations	45 h-index	102 g-index
168 ext. papers	14,684 ext. citations	7.3 avg, IF	7.42 L-index

#	Paper	IF	Citations
154	. *Proceedings of the IEEE*, **2014**, 102, 56-103	14.3	900
153	Wireless Communications Through Reconfigurable Intelligent Surfaces. *IEEE Access*, **2019**, 7, 116753-116773	3.7	833
152	Safeguarding 5G wireless communication networks using physical layer security. *IEEE Communications Magazine*, **2015**, 53, 20-27	9.1	623
151	Smart radio environments empowered by reconfigurable AI meta-surfaces: an idea whose time has come. *Eurasip Journal on Wireless Communications and Networking*, **2019**, 2019,	3.2	580
150	. *IEEE Journal on Selected Areas in Communications*, **2020**, 38, 2450-2525	14.2	525
149	Spatial modulation for multiple-antenna wireless systems: a survey **2011**, 49, 182-191		500
148	Index Modulation Techniques for Next-Generation Wireless Networks. *IEEE Access*, **2017**, 5, 16693-16746	3.5	408
147	. *IEEE Communications Surveys and Tutorials*, **2015**, 17, 6-26	37.1	402
146	. *IEEE Wireless Communications*, **2020**, 27, 118-125	13.4	368
145	. *IEEE Transactions on Vehicular Technology*, **2012**, 61, 1124-1144	6.8	335
144	. *IEEE Transactions on Wireless Communications*, **2021**, 20, 421-439	9.6	272
143	. *IEEE Transactions on Wireless Communications*, **2015**, 14, 5038-5057	9.6	241
142	Wireless Networks Design in the Era of Deep Learning: Model-Based, AI-Based, or Both?. *IEEE Transactions on Communications*, **2019**, 67, 7331-7376	6.9	223
141	Reconfigurable Intelligent Surfaces vs. Relaying: Differences, Similarities, and Performance Comparison. *IEEE Open Journal of the Communications Society*, **2020**, 1, 798-807	6.7	221
140	Reconfigurable Intelligent Surface Assisted UAV Communication: Joint Trajectory Design and Passive Beamforming. *IEEE Wireless Communications Letters*, **2020**, 9, 716-720	5.9	199
139	Reconfigurable Intelligent Surface-Based Wireless Communications: Antenna Design, Prototyping, and Experimental Results. *IEEE Access*, **2020**, 8, 45913-45923	3.5	190
138	. *IEEE Transactions on Communications*, **2013**, 61, 3050-3071	6.9	174

137	A Survey on Spatial Modulation in Emerging Wireless Systems: Research Progresses and Applications. *IEEE Journal on Selected Areas in Communications*, **2019**, 37, 1949-1972	14.2	170
136	. *IEEE Transactions on Vehicular Technology*, **2013**, 62, 4511-4523	6.8	164
135	Reconfigurable Intelligent Surfaces: Principles and Opportunities. *IEEE Communications Surveys and Tutorials*, **2021**, 23, 1546-1577	37.1	137
134	. *IEEE Transactions on Vehicular Technology*, **2013**, 62, 2507-2531	6.8	110
133	Reconfigurable Intelligent Surfaces for 6G Systems: Principles, Applications, and Research Directions. *IEEE Communications Magazine*, **2021**, 59, 14-20	9.1	100
132	Robust Beamforming Design for Intelligent Reflecting Surface Aided MISO Communication Systems. *IEEE Wireless Communications Letters*, **2020**, 9, 1658-1662	5.9	98
131	. *IEEE Transactions on Vehicular Technology*, **2010**, 59, 127-149	6.8	98
130	On the Performance of RIS-Assisted Dual-Hop UAV Communication Systems. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 10385-10390	6.8	92
129	Energy Evaluation of Spatial Modulation at a Multi-Antenna Base Station **2013**,		90
128	A Unified Framework for Performance Analysis of CSI-Assisted Cooperative Communications over Fading Channels. *IEEE Transactions on Communications*, **2009**, 57, 2551-2557	6.9	89
127	Model-Aided Wireless Artificial Intelligence: Embedding Expert Knowledge in Deep Neural Networks for Wireless System Optimization. *IEEE Vehicular Technology Magazine*, **2019**, 14, 60-69	9.9	86
126	Deep Denoising Neural Network Assisted Compressive Channel Estimation for mmWave Intelligent Reflecting Surfaces. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 9223-9228	6.8	84
125	The Intensity Matching Approach: A Tractable Stochastic Geometry Approximation to System-Level Analysis of Cellular Networks. *IEEE Transactions on Wireless Communications*, **2016**, 15, 5963-5983	9.6	83
124	Secrecy Performance Analysis of RIS-Aided Wireless Communication Systems. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 12296-12300	6.8	77
123	Secrecy Outage Analysis for Downlink Transmissions in the Presence of Randomly Located Eavesdroppers. *IEEE Transactions on Information Forensics and Security*, **2017**, 12, 1195-1206	8	66
122	Performance Analysis of UAV Enabled Disaster Recovery Networks: A Stochastic Geometric Framework Based on Cluster Processes. *IEEE Access*, **2018**, 6, 26215-26230	3.5	64
121	. *IEEE Wireless Communications*, **2020**, 27, 16-23	13.4	61
120	Stochastic Geometry Modeling of Cellular Networks **2015**,		60

119	Spectral and Energy Efficiency of IRS-Assisted MISO Communication With Hardware Impairments. *IEEE Wireless Communications Letters*, **2020**, 9, 1366-1369	5.9	59
118	Stochastic Geometry Modeling and System-Level Analysis of Uplink Heterogeneous Cellular Networks With Multi-Antenna Base Stations. *IEEE Transactions on Communications*, **2016**, 64, 2453-2476	6.9	58
117	Overhead-Aware Design of Reconfigurable Intelligent Surfaces in Smart Radio Environments. *IEEE Transactions on Wireless Communications*, **2021**, 20, 126-141	9.6	58
116	. *IEEE Transactions on Vehicular Technology*, **2016**, 65, 2947-2964	6.8	57
115	Stochastic Geometry Modeling of Coverage and Rate of Cellular Networks Using the Gil-Pelaez Inversion Theorem. *IEEE Communications Letters*, **2014**, 18, 1575-1578	3.8	57
114	. *IEEE Transactions on Vehicular Technology*, **2017**, 66, 2251-2275	6.8	55
113	Reflection probability in wireless networks with metasurface-coated environmental objects: an approach based on random spatial processes. *Eurasip Journal on Wireless Communications and Networking*, **2019**, 2019,	3.2	52
112	. *IEEE Transactions on Communications*, **2015**, 63, 977-996	6.9	50
111	System-Level Modeling and Optimization of the Energy Efficiency in Cellular Networks A Stochastic Geometry Framework. *IEEE Transactions on Wireless Communications*, **2018**, 17, 2539-2556	9.6	47
110	Reconfigurable Intelligent Surfaces With Reflection Pattern Modulation: Beamforming Design and Performance Analysis. *IEEE Transactions on Wireless Communications*, **2020**, 1-1	9.6	45
109	Massive MIMO-Enabled Full-Duplex Cellular Networks. *IEEE Transactions on Communications*, **2017**, 65, 4734-4750	6.9	44
108	Robust Secure UAV Communications With the Aid of Reconfigurable Intelligent Surfaces. *IEEE Transactions on Wireless Communications*, **2021**, 1-1	9.6	44
107	Reconfigurable Intelligent Surface-Assisted Non-Orthogonal Multiple Access. *IEEE Transactions on Wireless Communications*, **2021**, 20, 3137-3151	9.6	43
106	Beamforming Through Reconfigurable Intelligent Surfaces in Single-User MIMO Systems: SNR Distribution and Scaling Laws in the Presence of Channel Fading and Phase Noise. *IEEE Wireless Communications Letters*, **2021**, 10, 77-81	5.9	42
105	Modeling and Analysis of Wireless Power Transfer in Heterogeneous Cellular Networks. *IEEE Transactions on Communications*, **2016**, 64, 5290-5303	6.9	41
104	Analytical Modeling of the Path-Loss for Reconfigurable Intelligent Surfaces Anomalous Mirror or Scatterer ? **2020**,		40
103	. *IEEE Wireless Communications Letters*, **2021**, 10, 938-942	5.9	39
102	. *IEEE Transactions on Vehicular Technology*, **2013**, 62, 1138-1157	6.8	38

101	Terahertz Massive MIMO With Holographic Reconfigurable Intelligent Surfaces. *IEEE Transactions on Communications*, **2021**, 69, 4732-4750	6.9	38
100	Achievable Rate Optimization for MIMO Systems With Reconfigurable Intelligent Surfaces. *IEEE Transactions on Wireless Communications*, **2021**, 20, 3865-3882	9.6	36
99	**2020**,		34
98	On the Path-Loss of Reconfigurable Intelligent Surfaces: An Approach Based on Green Theorem Applied to Vector Fields. *IEEE Transactions on Communications*, **2021**, 69, 5573-5592	6.9	34
97	Reconfigurable Intelligent Surfaces-Assisted Communications With Discrete Phase Shifts: How Many Quantization Levels Are Required to Achieve Full Diversity?. *IEEE Wireless Communications Letters*, **2021**, 10, 358-362	5.9	32
96	Stochastic Geometry Modeling and System-Level Analysis & Optimization of Relay-Aided Downlink Cellular Networks. *IEEE Transactions on Communications*, **2015**, 63, 4063-4085	6.9	30
95	Intelligent Reflecting Surface Aided Network: Power Control for Physical-Layer Broadcasting **2020**,		30
94	Intelligent Omni-Surfaces: Ubiquitous Wireless Transmission by Reflective-Refractive Metasurfaces. *IEEE Transactions on Wireless Communications*, **2021**, 1-1	9.6	29
93	Analytical Modeling of Interference Aware Power Control for the Uplink of Heterogeneous Cellular Networks. *IEEE Transactions on Wireless Communications*, **2016**, 15, 6742-6757	9.6	26
92	Analysis and Optimization for RIS-Aided Multi-Pair Communications Relying on Statistical CSI. *IEEE Transactions on Vehicular Technology*, **2021**, 70, 3897-3901	6.8	25
91	. *IEEE Transactions on Wireless Communications*, **2013**, 12, 2883-2903	9.6	24
90	Reconfigurable Intelligent Surface-Assisted Cell-Free Massive MIMO Systems Over Spatially-Correlated Channels. *IEEE Transactions on Wireless Communications*, **2021**, 1-1	9.6	24
89	Wireless 2.0: Toward an Intelligent Radio Environment Empowered by Reconfigurable Meta-Surfaces and Artificial Intelligence. *IEEE Vehicular Technology Magazine*, **2020**, 15, 74-82	9.9	24
88	Beyond Max-SNR: Joint Encoding for Reconfigurable Intelligent Surfaces **2020**,		23
87	. *IEEE Transactions on Wireless Communications*, **2015**, 14, 4369-4378	9.6	22
86	Performance Analysis of Distributed Single Carrier Systems With Distributed Cyclic Delay Diversity. *IEEE Transactions on Communications*, **2017**, 65, 5514-5528	6.9	22
85	Intelligent Reflecting Surfaces: Sum-Rate Optimization Based on Statistical Position Information. *IEEE Transactions on Communications*, **2021**, 1-1	6.9	22
84	. *IEEE Journal on Selected Areas in Communications*, **2021**, 39, 3035-3050	14.2	22

83	Enhanced-Reliability Cyclic Generalized Spatial-and-Temporal Modulation. *IEEE Communications Letters*, **2016**, 20, 2374-2377	3.8	20
82	Inhomogeneous Double Thinning Modeling and Analysis of Cellular Networks by Using Inhomogeneous Poisson Point Processes. *IEEE Transactions on Wireless Communications*, **2018**, 17, 5162-5182	9.6	19
81	Mutual Coupling and Unit Cell Aware Optimization for Reconfigurable Intelligent Surfaces. *IEEE Wireless Communications Letters*, **2021**, 10, 1183-1187	5.9	19
80	Stochastic Learning-Based Robust Beamforming Design for RIS-Aided Millimeter-Wave Systems in the Presence of Random Blockages. *IEEE Transactions on Vehicular Technology*, **2021**, 70, 1057-1061	6.8	19
79	Intelligent Omni-Surfaces for Full-Dimensional Wireless Communications: Principles, Technology, and Implementation. *IEEE Communications Magazine*, **2022**, 60, 39-45	9.1	18
78	On the Achievable Diversity of Repetition-Based and Relay Selection Network-Coded Cooperation. *IEEE Transactions on Communications*, **2014**, 62, 2296-2313	6.9	16
77	Intelligent Spectrum Learning for Wireless Networks With Reconfigurable Intelligent Surfaces. *IEEE Transactions on Vehicular Technology*, **2021**, 70, 3920-3925	6.8	16
76	Wireless Environment as a Service Enabled by Reconfigurable Intelligent Surfaces: The RISE-6G Perspective **2021**,		16
75	Ergodic Secrecy Rate of RIS-Assisted Communication Systems in the Presence of Discrete Phase Shifts and Multiple Eavesdroppers. *IEEE Wireless Communications Letters*, **2021**, 10, 629-633	5.9	16
74	MIMO Interference Channels Assisted by Reconfigurable Intelligent Surfaces: Mutual Coupling Aware Sum-Rate Optimization Based on a Mutual Impedance Channel Model. *IEEE Wireless Communications Letters*, **2021**, 1-1	5.9	16
73	Reconfigurable Intelligent Surfaces Aided mmWave NOMA: Joint Power Allocation, Phase Shifts, and Hybrid Beamforming Optimization. *IEEE Transactions on Wireless Communications*, **2021**, 1-1	9.6	16
72	Model-Driven Deep Learning Based Channel Estimation and Feedback for Millimeter-Wave Massive Hybrid MIMO Systems. *IEEE Journal on Selected Areas in Communications*, **2021**, 39, 2388-2406	14.2	16
71	Single-RF MIMO: From Spatial Modulation to Metasurface-Based Modulation. *IEEE Wireless Communications*, **2021**, 28, 88-95	13.4	15
70	Performance Analysis of RIS-Aided Systems With Practical Phase Shift and Amplitude Response. *IEEE Transactions on Vehicular Technology*, **2021**, 70, 4501-4511	6.8	14
69	On the Optimal Number of Reflecting Elements for Reconfigurable Intelligent Surfaces. *IEEE Wireless Communications Letters*, **2021**, 10, 464-468	5.9	14
68	Spatial modulation based on reconfigurable antennas A new air interface for the IoT **2017**,		13
67	A Generalized Transmit and Receive Diversity Condition for Feedback-Assisted MIMO Systems: Theory and Applications in Full-Duplex Spatial Modulation. *IEEE Transactions on Signal Processing*, **2017**, 65, 6505-6519	4.8	13
66	New Trends in Stochastic Geometry for Wireless Networks: A Tutorial and Survey. *Proceedings of the IEEE*, **2021**, 109, 1200-1252	14.3	13

65	Robust Probabilistic-Constrained Optimization for IRS-Aided MISO Communication Systems. *IEEE Wireless Communications Letters*, **2021**, 10, 1-5	5.9	13
64	Receiver Design in Molecular Communications: An Approach Based on Artificial Neural Networks **2018**,		13
63	QoS-Driven Spectrum Sharing for Reconfigurable Intelligent Surfaces (RISs) Aided Vehicular Networks. *IEEE Transactions on Wireless Communications*, **2021**, 20, 5969-5985	9.6	13
62	Wireless physical-layer security: The challenges ahead **2009**,		12
61	Reconfigurable Intelligent Surface-Assisted Ambient Backscatter Communications Experimental Assessment **2021**,		12
60	. *IEEE Journal on Selected Areas in Communications*, **2018**, 36, 1345-1359	14.2	11
59	LiFi Through Reconfigurable Intelligent Surfaces: A New Frontier for 6G?. *IEEE Vehicular Technology Magazine*, **2021**, 2-11	9.9	11
58	AI-Assisted MAC for Reconfigurable Intelligent-Surface-Aided Wireless Networks: Challenges and Opportunities. *IEEE Communications Magazine*, **2021**, 59, 21-27	9.1	11
57	Reconfigurable intelligent surfaces for smart wireless environments: channel estimation, system design and applications in 6G networks. *Science China Information Sciences*, **2021**, 64, 1	3.4	11
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55	A Path to Smart Radio Environments: An Industrial Viewpoint on Reconfigurable Intelligent Surfaces. *IEEE Wireless Communications*, **2022**, 1-7	13.4	10
54	. *IEEE Transactions on Wireless Communications*, **2021**, 20, 3710-3722	9.6	10
53	Optimization of RIS-Aided MIMO Systems Via the Cutoff Rate. *IEEE Wireless Communications Letters* , **2021**, 10, 1692-1696	5.9	10
52	On the cumulative distribution function of quadratic-form receivers over generalized fading channels with tone interference. *IEEE Transactions on Communications*, **2009**, 57, 2122-2137	6.9	9
51	On the Performance of RIS-Assisted Dual-Hop Mixed RF-UWOC Systems. *IEEE Transactions on Cognitive Communications and Networking*, **2021**, 7, 340-353	6.6	9
50	A Tractable Closed-Form Expression of the Coverage Probability in Poisson Cellular Networks. *IEEE Wireless Communications Letters*, **2019**, 8, 249-252	5.9	9
49	Molecular Communications: Model-Based and Data-Driven Receiver Design and Optimization. *IEEE Access*, **2019**, 7, 53555-53565	3.5	8
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47	A Prototype of Reconfigurable Intelligent Surface with Continuous Control of the Reflection Phase. *IEEE Wireless Communications*, **2022**, 29, 70-77	13.4	8
46	Spatial modulation based on reconfigurable antennas: performance evaluation by using the prototype of a reconfigurable antenna. *Eurasip Journal on Wireless Communications and Networking* , **2019**, 2019,	3.2	7
45	SDN-Enabled MIMO Heterogeneous Cooperative Networks With Flexible Cell Association. *IEEE Transactions on Wireless Communications*, **2019**, 18, 2037-2050	9.6	7
44	Distributed Cyclic Delay Diversity Systems With Spatially Distributed Interferers. *IEEE Transactions on Wireless Communications*, **2019**, 18, 2066-2079	9.6	7
43	On Simultaneous Wireless Information and Power Transfer for Receive Spatial Modulation. *IEEE Access*, **2017**, 5, 23204-23211	3.5	7
42	Dual-Hop Spatial Modulation With a Relay Transmitting its Own Information. *IEEE Transactions on Wireless Communications*, **2020**, 19, 4449-4463	9.6	6
41	STORNS: Stochastic Radio Access Network Slicing **2019**,		6
40	On the Performance of Reconfigurable Intelligent Surface-Aided Cell-Free Massive MIMO Uplink **2020**,		6
39	Spectral-Energy Efficiency Pareto Front in Cellular Networks: A Stochastic Geometry Framework. *IEEE Wireless Communications Letters*, **2019**, 8, 424-427	5.9	6
38	Compressive Sensing Based Joint Activity and Data Detection for Grant-Free Massive IoT Access. *IEEE Transactions on Wireless Communications*, **2021**, 1-1	9.6	6
37	Reconfigurable Intelligent Surface-Aided Quadrature Reflection Modulation for Simultaneous Passive Beamforming and Information Transfer. *IEEE Transactions on Wireless Communications*, **2021**, 1-1	9.6	6
36	Integrated Sensing and Communication Waveform Design With Sparse Vector Coding: Low Sidelobes and Ultra Reliability. *IEEE Transactions on Vehicular Technology*, **2022**, 1-1	6.8	5
35	Battery Recharging Time Models for Reconfigurable Intelligent Surfaces-Assisted Wireless Power Transfer Systems. *IEEE Transactions on Green Communications and Networking*, **2021**, 1-1	4	5
34	. *IEEE Wireless Communications Letters*, **2020**, 9, 358-362	5.9	5
33	On the Energy Efficiency of Heterogeneous Cellular Networks With Renewable Energy Sources: A Stochastic Geometry Framework. *IEEE Transactions on Wireless Communications*, **2020**, 19, 6752-6770	9.6	5
32	Performance Analysis of a Two-Tile Reconfigurable Intelligent Surface Assisted 2 × 2 MIMO System. *IEEE Wireless Communications Letters*, **2021**, 10, 493-497	5.9	5
31	Secrecy Analysis of Distributed CDD-Based Cooperative Systems With Deliberate Interference. *IEEE Transactions on Wireless Communications*, **2018**, 17, 7865-7878	9.6	5
30	Massive Access in Media Modulation Based Massive Machine-Type Communications. *IEEE Transactions on Wireless Communications*, **2021**, 1-1	9.6	5

29	Relay Selection in Network-Coded Cooperative MIMO Systems. *IEEE Transactions on Communications*, **2019**, 67, 5346-5361	6.9	4
28	On the meta distribution in spatially correlated non-Poisson cellular networks. *Eurasip Journal on Wireless Communications and Networking*, **2019**, 2019,	3.2	4
27	Reconfigurable Intelligent Surfaces with Outdated Channel State Information: Centralized vs. Distributed Deployments. *IEEE Transactions on Communications*, **2022**, 1-1	6.9	4
26	Learning-based Prediction, Rendering and Transmission for Interactive Virtual Reality in RIS-Assisted Terahertz Networks. *IEEE Journal on Selected Areas in Communications*, **2021**, 1-1	14.2	4
25	Polarization-Based Reconfigurable Tags for Robust Ambient Backscatter Communications. *IEEE Open Journal of the Communications Society*, **2020**, 1, 1140-1152	6.7	4
24	Single-RF Multi-User Communication Through Reconfigurable Intelligent Surfaces: An Information-Theoretic Analysis **2021**,		4
23	Adaptive Coding and Channel Shaping Through Reconfigurable Intelligent Surfaces: An Information-Theoretic Analysis. *IEEE Transactions on Communications*, **2021**, 1-1	6.9	4
22	Reconfigurable Intelligent Surface Aided Power Control for Physical-Layer Broadcasting. *IEEE Transactions on Communications*, **2021**, 1-1	6.9	4
21	Performance Evaluation and Diversity Analysis of RIS-Assisted Communications Over Generalized Fading Channels in the Presence of Phase Noise. *IEEE Open Journal of the Communications Society*, **2022**, 1-1	6.7	4
20	Holographic Integrated Sensing and Communication. *IEEE Journal on Selected Areas in Communications*, **2022**, 1-1	14.2	4
19	On muting mobile terminals for uplink interference mitigation in HetNets: System-level analysis via stochastic geometry. *Eurasip Journal on Wireless Communications and Networking*, **2019**, 2019,	3.2	3
18	Cascaded Composite Turbulence and Misalignment: Statistical Characterization and Applications to Reconfigurable Intelligent Surface-Empowered Wireless Systems. *IEEE Transactions on Vehicular Technology*, **2022**, 1-1	6.8	3
17	Network-Coded Cooperative Systems With Generalized User-Relay Selection. *IEEE Transactions on Wireless Communications*, **2020**, 19, 7251-7264	9.6	3
16	Cooperative Multi-RIS Communications for Wideband mmWave MISO-OFDM Systems. *IEEE Wireless Communications Letters*, **2021**, 1-1	5.9	3
15	K-Means Clustering-Aided Non-Coherent Detection for Molecular Communications. *IEEE Transactions on Communications*, **2021**, 69, 5456-5470	6.9	3
14	Uplink Achievable Rate Maximization for Reconfigurable Intelligent Surface Aided Millimeter Wave Systems With Resolution-Adaptive ADCs. *IEEE Wireless Communications Letters*, **2021**, 10, 1608-1612	5.9	3
13	Generalized User-Relay Selection in Network-Coded Cooperation Systems **2019**,		2
12	Distributed Learning for Wireless Communications: Methods, Applications and Challenges. *IEEE Journal on Selected Topics in Signal Processing*, **2022**, 1-1	7.5	2

11	Secrecy Performance Analysis of Distributed CDD Based Cooperative Systems with Jamming **2018**,		1
10	Learning to Estimate RIS-Aided mmWave Channels. *IEEE Wireless Communications Letters*, **2022**, 1-1	5.9	1
9	Treating Interference as Noise in Cellular Networks: A Stochastic Geometry Approach. *IEEE Transactions on Wireless Communications*, **2020**, 19, 1918-1932	9.6	1
8	. *IEEE Wireless Communications Letters*, **2020**, 9, 1773-1777	5.9	1
7	Reconfigurable Intelligent Surface-Based Quadrature Reflection Modulation **2021**,		1
6	Wireless Fingerprinting Localization in Smart Environments Using Reconfigurable Intelligent Surfaces. *IEEE Access*, **2021**, 1-1	3.5	1
5	Fairness-Oriented Multiple RIS-Aided mmWave Transmission: Stochastic Optimization Methods. *IEEE Transactions on Signal Processing*, **2022**, 70, 1402-1417	4.8	1
4	On Maximizing the Sum Secret Key Rate for Reconfigurable Intelligent Surface-Assisted Multiuser Systems. *IEEE Transactions on Information Forensics and Security*, **2021**, 1-1	8	0
3	Coverage Analysis and Scaling Laws in Ultra-Dense Networks. *IEEE Transactions on Communications*, **2021**, 69, 4158-4171	6.9	0
2	Catching the 6G Wave by Using Metamaterials **2021**, 69-87		
1	Modeling Spatially-Correlated Cellular Networks by Using Inhomogeneous Poisson Point Processes. *Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering*, **2019**, 306-313	0.2	