

# Raad Raad

## List of Publications by Year in descending order

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84  
papers

1,555  
citations

430874

18  
h-index

345221

36  
g-index

84  
all docs

84  
docs citations

84  
times ranked

1176  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Heuristic Distributed Scheme to Detect Falsification of Mobility Patterns in Internet of Vehicles. IEEE Internet of Things Journal, 2022, 9, 719-727.	8.7	13
2	Applied methods to detect and prevent vulnerabilities within PLC alarms code. SN Applied Sciences, 2022, 4, 1.	2.9	1
3	A Survey on CubeSat Missions and Their Antenna Designs. Electronics (Switzerland), 2022, 11, 2021.	3.1	23
4	Software-Defined Radios for CubeSat Applications: A Brief Review and Methodology. IEEE Journal on Miniaturization for Air and Space Systems, 2021, 2, 10-16.	2.7	17
5	An octagonal-shaped conductive HC12 & LIBERATOR-40 thread embroidered chipless RFID for general IoT applications. Sensors and Actuators A: Physical, 2021, 318, 112485.	4.1	12
6	Antenna Designs for CubeSats: A Review. IEEE Access, 2021, 9, 45289-45324.	4.2	75
7	Improving Throughput of 5G Cellular Networks via 3D Placement Optimization of Logistics Drones. IEEE Transactions on Vehicular Technology, 2021, 70, 1448-1460.	6.3	18
8	E-Shaped H-Slotted Dual Band mmWave Antenna for 5G Technology. Electronics (Switzerland), 2021, 10, 1019.	3.1	43
9	Design of Wearable Textile Patch Antenna Using C-Shape Etching Slot for Wi-MAX and 5G Lower Band Applications. , 2021, , .		4
10	Analytical Framework of CP-Free Multiuser OFDM System for Coordinated Multi-Point at mmWave. Applied Sciences (Switzerland), 2021, 11, 7605.	2.5	1
11	The Impact of Bending on Radiation Characteristics of Polymer-Based Flexible Antennas for General IoT Applications. Applied Sciences (Switzerland), 2021, 11, 9044.	2.5	10
12	Transceiver Design for Full-Duplex UAV Based Zero-Padded OFDM System With Physical Layer Security. IEEE Access, 2021, 9, 59432-59445.	4.2	11
13	Bending Analysis of Polymer-Based Flexible Antennas for Wearable, General IoT Applications: A Review. Polymers, 2021, 13, 357.	4.5	54
14	A Wideband Metal-Only Patch Antenna for CubeSat. Electronics (Switzerland), 2021, 10, 50.	3.1	12
15	Cyrcle Precoding and T-Transformation-Based GFDM System for UAV-Aided mMTC Network. Electronics (Switzerland), 2021, 10, 2915.	3.1	0
16	High-Gain Circular Polarized Microstrip Patch Array for X-band CubeSat Applications. , 2021, , .		2
17	A Sub-6 GHz MIMO Antenna Array for 5G Wireless Terminals. Electronics (Switzerland), 2021, 10, 3062.	3.1	23
18	Developing Creative Digital Communication, Learning Resources and Evaluation Skills with YouTube and Self and Peer-Assessment. , 2021, , .		1

#	ARTICLE	IF	CITATIONS
19	A Wideband Compact Patch Antenna for Ka-band and CubeSat Applications. , 2021, , .		2
20	Energy efficient technique for P2P multisource video streaming in mobile ad hoc networks to improve QoE. Peer-to-Peer Networking and Applications, 2020, 13, 219-242.	3.9	5
21	Advances in Wearable Sensors: Signalling the Provenance of Garments Using Radio Frequency Watermarks. Sensors, 2020, 20, 6661.	3.8	1
22	Multi-Hop Relay Based Free Space Optical Communication Link for Delivering Medical Services in Remote Areas. IEEE Photonics Journal, 2020, 12, 1-21.	2.0	18
23	Dual-Band Folded-End Dipole Antenna for Plastic CubeSats. IEEE Journal on Miniaturization for Air and Space Systems, 2020, 1, 172-178.	2.7	10
24	Two-Pair Slots Inserted CP Patch Antenna for Wide Axial Ratio Beamwidth. IEEE Access, 2020, 8, 223316-223324.	4.2	16
25	Piezofibers to smart textiles: a review on recent advances and future outlook for wearable technology. Journal of Materials Chemistry A, 2020, 8, 9496-9522.	10.3	102
26	Electrically Conducting Hydrogel Graphene Nanocomposite Biofibers for Biomedical Applications. Frontiers in Chemistry, 2020, 8, 88.	3.6	26
27	A Printed Yagi Antenna for CubeSat with Multi-Frequency Tilt Operation. Electronics (Switzerland), 2020, 9, 986.	3.1	7
28	Wearable Electronic Textiles from Nanostructured Piezoelectric Fibers. Advanced Materials Technologies, 2020, 5, 1900900.	5.8	107
29	Novel DTN Mobility-Driven Routing in Autonomous Drone Logistics Networks. IEEE Access, 2020, 8, 13661-13673.	4.2	38
30	DTN and Non-DTN Routing Protocols for Inter-CubeSat Communications: A comprehensive survey. Electronics (Switzerland), 2020, 9, 482.	3.1	23
31	Transient Response & Electromagnetic Behaviour of Flexible Bow-Tie Shaped Chip-less RFID Tag for General IoT Applications. Advances in Science, Technology and Engineering Systems, 2020, 5, 757-764.	0.5	4
32	IoT Remote Control of Plug-in Electric Vehicle Charging Loads for Smart Energy Management of Virtual Power Plants. , 2020, , .		2
33	UHF-RFID Reader using a Metasurface CPW-Fed Slot Antenna. , 2020, , .		2
34	A Fibre Embroidered Chipless RFID Tag on Cotton Fabrics for Wearable Applications. , 2020, , .		1
35	A Silver-Coated Conductive Fibre HC12 Sewed Chipless RFID Tag on Cotton Fabric for Wearable Applications. , 2020, , .		4
36	The Impact of 5G Drones on the Performance of a DTN Destination Based Routing Protocol. , 2020, , .		1

#	ARTICLE	IF	CITATIONS
37	A Novel High Gain CPW-Feed Circular Slot Antenna with MSS for 3U CubeSats. , 2020, , .		0
38	A Dual Band Loop Antenna with Metal Frame for CubeSat Communication. , 2020, , .		0
39	A Novel Data Forwarding Strategy for a Drone Delay Tolerant Network with Range Extension. Electronics (Switzerland), 2019, 8, 659.	3.1	21
40	S-band Steerable Yagi Antenna for CubeSats. , 2019, , .		2
41	Dual Band Slot Antenna with F-Shaped Slits for C-band and X-band Applications. , 2019, , .		6
42	Breathing and Heartrate Monitoring System using IR-UWB Radar. , 2019, , .		7
43	Novel Bow-Tie Chip-less RFID Tag for Wearable Applications. , 2019, , .		6
44	A high gain S-band slot antenna with MSS for CubeSat. Annales Des Telecommunications/Annals of Telecommunications, 2019, 74, 223-237.	2.5	22
45	Implementation of an IoT Based Radar Sensor Network for Wastewater Management. Sensors, 2019, 19, 254.	3.8	32
46	Multirate DelPHI to secure multirate ad hoc networks against wormhole attacks. Journal of Information Security and Applications, 2018, 39, 31-40.	2.5	12
47	Wastewater Management: An IoT Approach. , 2018, , .		3
48	High Gain Slot Antenna with Reflector for 2U CubeSat. , 2018, , .		1
49	Achieving maximum utilization of peerâ€™s upload capacity in p2p networks using SVC. Peer-to-Peer Networking and Applications, 2017, 10, 45-65.	3.9	8
50	A novel Energy-Efficient Video Streaming method for decentralized Mobile Ad-hoc Networks. Pervasive and Mobile Computing, 2017, 40, 301-323.	3.3	7
51	Printed Yagi-Uda antenna array on CubeSat. , 2017, , .		7
52	A low profile high gain CPW-fed slot antenna with a cavity backed reflector for CubeSats. , 2017, , .		11
53	A wideband C-shaped patch antenna for LibyaSat-1. , 2017, , .		0
54	Dipole antenna array cluster for CubeSats. , 2016, , .		3

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55	A wideband F-shaped patch antenna for S-band CubeSats communications. , 2016, , .		8
56	Smart Fabrics and Networked Clothing: Recent developments in CNT-based fibers and their continual refinement. IEEE Consumer Electronics Magazine, 2016, 5, 105-111.	2.3	27
57	A Novel Distributed Max-Weight Link Scheduler for Multi-Transmit/Receive Wireless Mesh Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 9345-9357.	6.3	5
58	Scheduling links with air-time in multi transmit/receive wireless mesh networks. Wireless Networks, 2016, 22, 1999-2012.	3.0	1
59	QoE Based P2P Scalable Video Streaming over Mobile Ad Hoc Networks. , 2015, , .		6
60	A Survey and Study of Planar Antennas for Pico-Satellites. IEEE Access, 2015, 3, 2590-2612.	4.2	91
61	Feature selection for low bit rate mobile augmented reality applications. Signal Processing: Image Communication, 2015, 36, 115-126.	3.2	2
62	Crowd flow analysis using catastrophe theory. , 2015, , .		0
63	Novel joint routing and scheduling algorithms for minimizing end-to-end delays in multi Tx-Rx wireless mesh networks. Computer Communications, 2015, 72, 63-77.	5.1	2
64	S - band Planar Antennas for a CubeSat. International Journal on Electrical Engineering and Informatics, 2015, 7, 559-568.	0.5	18
65	A 2.4 GHz High Data Rate radio for pico-satellites. , 2014, , .		12
66	S-band shorted patch antenna for inter pico satellite communications. , 2014, , .		21
67	Delay aware joint routing and scheduling for multi-Tx-Rx Wireless Mesh Networks. , 2014, , .		5
68	Adaptive and robust feature selection for low bitrate mobile augmented reality applications. , 2014, , .		3
69	A novel queue length aware distributed link scheduler for multi-transmit receive Wireless Mesh Networks. , 2014, , .		1
70	An analytical model of network connectivity in Vehicular Ad Hoc Networks using spatial point processes. , 2014, , .		9
71	Efficient utilization of peer's upload capacity in P2P networks using SVC. , 2014, , .		6
72	Securing DSR against wormhole attacks in multirate ad hoc networks. Journal of Network and Computer Applications, 2013, 36, 582-592.	9.1	39

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73	Modified Vector Base Amplitude Panning implementation on smart devices. , 2013, , .		0
74	The joint effect of image blur and illumination distortions for Mobile Visual Search of print media. , 2013, , .		1
75	A novel destination-based routing protocol (DBRP) in DTNs. , 2012, , .		12
76	A Survey and Tutorial of RFID Anti-Collision Protocols. IEEE Communications Surveys and Tutorials, 2010, 12, 400-421.	39.4	323
77	On the energy consumption of Pure and Slotted Aloha based RFID anti-collision protocols. Computer Communications, 2009, 32, 961-973.	5.1	48
78	Mobile ad-hoc network key management with certificateless cryptography. , 2008, , .		15
79	New Higher Order Rotation Spreading Matrix for BSOFD. , 2007, , .		3
80	A Study of Different Angles for Higher Order Rotation Spreading Matrix for BSOFD in UWB Channels. , 2007, , .		3
81	On the Suitability of Framed Slotted Aloha based RFID Anti-collision Protocols for Use in RFID-Enhanced WSNs. , 2007, , .		30
82	A New Spreading Matrix for Block Spread OFDM. , 2006, , .		11
83	Neuro-Fuzzy Admission Control in Cellular Networks. , 2006, , .		1
84	Dynamic handoff scheme in differentiated QoS wireless multimedia networks. Computer Communications, 2004, 27, 1001-1011.	5.1	15