

# T Aaron Gulliver

## List of Publications by Year in descending order

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523  
papers

5,650  
citations

126858

33  
h-index

197736

49  
g-index

530  
all docs

530  
docs citations

530  
times ranked

3570  
citing authors

#	ARTICLE	IF	CITATIONS
1	A macroscopic traffic model based on relaxation time. AEJ - Alexandria Engineering Journal, 2022, 61, 585-596.	3.4	11
2	Twin <i>Sudoku</i> Puzzles and Triplet Solid <i>Sudoku</i> Cubes From Strongly Mutually Distinct Twin <i>Sudoku</i> Tables. IEEE Transactions on Games, 2022, 14, 632-643.	1.2	1
3	Unknown Transmit Power RSSD-Based Localization in a Gaussian Mixture Channel. IEEE Sensors Journal, 2022, 22, 9114-9123.	2.4	11
4	Energy-Efficient Interference-Aware Cognitive Machine-to-Machine Communications Underlying Cellular Networks. IEEE Access, 2022, 10, 33932-33942.	2.6	1
5	Large Direction-of-Arrival Mismatch Correction for Adaptive Beamforming. IEEE Access, 2022, 10, 61201-61212.	2.6	1
6	Construction of Standard Solid Sudoku Cubes and 3D Sudoku Puzzles. IEEE Access, 2022, 10, 30180-30188.	2.6	0
7	Log message anomaly detection with fuzzy C-means and MLP. Applied Intelligence, 2022, 52, 17708-17717.	3.3	2
8	Macrosopic flow characterization at T-junctions. Transportation Research Interdisciplinary Perspectives, 2022, 14, 100591.	1.6	1
9	Lagrangian Cooperation (LC): A Fog Node Cooperation Algorithm for Smart Cities. IEEE Communications Letters, 2022, 26, 1623-1627.	2.5	2
10	Joint Resource and Power Allocation for Clustered Cognitive M2M Communications Underlying Cellular Networks. IEEE Transactions on Vehicular Technology, 2022, 71, 8548-8560.	3.9	2
11	A New Driver Model Based on Driver Response. Applied Sciences (Switzerland), 2022, 12, 5390.	1.3	12
12	Node cooperation for workload offloading in a fog computing network via multi-objective optimization. Journal of Network and Computer Applications, 2022, 205, 103428.	5.8	6
13	QoS intelligent prediction for mobile video networks: a GR approach. Neural Computing and Applications, 2021, 33, 3891-3900.	3.2	6
14	An underwater bistatic positioning system based on an acoustic vector sensor and experimental investigation. Applied Acoustics, 2021, 171, 107558.	1.7	7
15	Outage Probability Performance Analysis and Prediction for Mobile IoV Networks Based on ICS-BP Neural Network. IEEE Internet of Things Journal, 2021, 8, 3524-3533.	5.5	42
16	RSSD-Based MSE-SDP Source Localization With Unknown Position Estimation Bias. IEEE Transactions on Communications, 2021, 69, 8416-8428.	4.9	5
17	Intelligent Outage Probability Prediction for Mobile IoT Networks Based on an ICWO-Elman Neural Network. IEEE Transactions on Vehicular Technology, 2021, 70, 1365-1375.	3.9	58
18	Uplink Power Allocation for Throughput and Energy Efficiency Over Nakagami- <i>m</i> Fading Channels. IEEE Transactions on Green Communications and Networking, 2021, 5, 190-202.	3.5	2

#	ARTICLE	IF	CITATIONS
19	Low-Complexity MIMO-FBMC Sparse Channel Parameter Estimation for Industrial Big Data Communications. <i>IEEE Transactions on Industrial Informatics</i> , 2021, 17, 3422-3430.	7.2	47
20	Uplink Power Allocation for Throughput and Energy Efficiency in Cellular Networks. <i>Wireless Personal Communications</i> , 2021, 121, 577-596.	1.8	1
21	Two Class Pruned Log Message Anomaly Detection. <i>SN Computer Science</i> , 2021, 2, 391.	2.3	3
22	Secrecy capacity in two-way energy harvesting relay networks with a friendly jammer. <i>Wireless Networks</i> , 2021, 27, 4551-4566.	2.0	2
23	Improved RSSD-Based Source Localization With Unknown Sensor Position Errors. <i>IEEE Wireless Communications Letters</i> , 2021, 10, 1949-1953.	3.2	5
24	Performance Analysis and Prediction for Mobile Internet-of-Things (IoT) Networks: A CNN Approach. <i>IEEE Internet of Things Journal</i> , 2021, 8, 13355-13366.	5.5	17
25	Localization and Detection of Copy-Move Forgeries in Post-processed Images Using U-Net. <i>SN Computer Science</i> , 2021, 2, 1.	2.3	1
26	A Novel Underwater Acoustic Signal Denoising Algorithm for Gaussian/Non-Gaussian Impulsive Noise. <i>IEEE Transactions on Vehicular Technology</i> , 2021, 70, 429-445.	3.9	51
27	Secure OFDM with Peak-to-Average Power Ratio Reduction Using the Spectral Phase of Chaotic Signals. <i>Entropy</i> , 2021, 23, 1380.	1.1	2
28	Trans-Domain Amphibious Unmanned Platform Based on Coaxial Counter-Propellers: Design and Experimental Validation. <i>IEEE Access</i> , 2021, 9, 149433-149446.	2.6	7
29	Guest Editorial: Special Issue on Artificial Intelligence in E-Healthcare and M-Healthcare. <i>Journal of Healthcare Engineering</i> , 2021, 2021, 1-3.	1.1	1
30	A Macroscopic Traffic Model Based on Reaction Velocity. <i>Iranian Journal of Science and Technology - Transactions of Civil Engineering</i> , 2020, 44, 139-150.	1.0	11
31	TDOA and RSSD Based Hybrid Passive Source Localization with Unknown Transmit Power. <i>IETE Journal of Research</i> , 2020, 66, 533-545.	1.8	3
32	Bayesian Deep Learning-Based Probabilistic Load Forecasting in Smart Grids. <i>IEEE Transactions on Industrial Informatics</i> , 2020, 16, 4703-4713.	7.2	109
33	Linear $\mathbb{Z}_2$ -intersection pairs of codes and their applications. <i>Designs, Codes, and Cryptography</i> , 2020, 88, 133-152.	1.0	35
34	Expanding Window Dynamic-Programming-Based Track-Before-Detect With Order Statistics in Weibull Distributed Clutter. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2020, 56, 2564-2575.	2.6	23
35	SCC++: Predicting the programming language of questions and snippets of Stack Overflow. <i>Journal of Systems and Software</i> , 2020, 162, 110505.	3.3	9
36	Semisupervised Multilabel Deep Learning Based Nonintrusive Load Monitoring in Smart Grids. <i>IEEE Transactions on Industrial Informatics</i> , 2020, 16, 6892-6902.	7.2	68

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37	BP neural network-based ABEP performance prediction for mobile Internet of Things communication systems. <i>Neural Computing and Applications</i> , 2020, 32, 16025-16041.	3.2	27
38	A macroscopic traffic model for heterogeneous flow. <i>Chinese Journal of Physics</i> , 2020, 63, 419-435.	2.0	24
39	A passive detection algorithm for low-altitude small target based on a wavelet neural network. <i>Soft Computing</i> , 2020, 24, 10693-10703.	2.1	3
40	Unsupervised log message anomaly detection. <i>ICT Express</i> , 2020, 6, 229-237.	3.3	64
41	Blind copy-move forgery detection using SVD and KS test. <i>SN Applied Sciences</i> , 2020, 2, 1.	1.5	6
42	Construction of Duplication Correcting Codes. <i>IEEE Access</i> , 2020, 8, 96150-96161.	2.6	1
43	Adoption of hybrid time series neural network in the underwater acoustic signal modulation identification. <i>Journal of the Franklin Institute</i> , 2020, 357, 13906-13922.	1.9	14
44	Outage Probability and Normalized SINR-Based Power Allocation over Rician Fading Channels. <i>Wireless Communications and Mobile Computing</i> , 2020, 2020, 1-16.	0.8	1
45	Optimal Resource Allocation in Cellular Networks With H2H/M2M Coexistence. <i>IEEE Transactions on Vehicular Technology</i> , 2020, 69, 12951-12962.	3.9	15
46	Fast Big Data Analytics for Smart Meter Data. <i>IEEE Open Journal of the Communications Society</i> , 2020, 1, 1864-1871.	4.4	7
47	New classes of codes over $\mathbb{R}_{q,p,m} = \{\mathbb{Z}\}_{p^m}[u_1, u_2, \dots, u_q] / \langle u_i^2 = 0, u_i u_j = u_j u_i \rangle$ and their applications. <i>Computational and Applied Mathematics</i> , 2020, 39, 1.	1.0	3
48	An Anisotropic Traffic Model Based on Driver Interaction. <i>IEEE Access</i> , 2020, 8, 66799-66812.	2.6	15
49	Robust Recursive RSSD Based Source Localization in Gaussian Mixture Channels. <i>IEEE Communications Letters</i> , 2020, 24, 2498-2502.	2.5	5
50	Automatic Modulation Classification Using a Deep Multi-Stream Neural Network. <i>IEEE Access</i> , 2020, 8, 43888-43897.	2.6	22
51	Quasi-cyclic codes: algebraic properties and applications. <i>Computational and Applied Mathematics</i> , 2020, 39, 1.	1.0	2
52	GR and BP neural network-based performance prediction of dual-antenna mobile communication networks. <i>Computer Networks</i> , 2020, 172, 107172.	3.2	9
53	Image splicing detection using mask-RCNN. <i>Signal, Image and Video Processing</i> , 2020, 14, 1035-1042.	1.7	52
54	Prioritized Cell Association and Power Control in Uplink Heterogeneous Networks. <i>IEEE Access</i> , 2020, 8, 1209-1223.	2.6	2

#	ARTICLE	IF	CITATIONS
55	Power Allocation in Cellular Networks Based on Outage Probability and Normalized SINR. IEEE Transactions on Green Communications and Networking, 2020, 4, 783-793.	3.5	5
56	A macroscopic traffic model based on transition velocities. Journal of Computational Science, 2020, 43, 101131.	1.5	10
57	Well-to-Propeller environmental assessment of natural gas as a marine transportation fuel in British Columbia, Canada. Energy Reports, 2020, 6, 802-812.	2.5	22
58	Macroscopic Traffic Flow Characterization at Bottlenecks. Civil Engineering Journal (Iran), 2020, 6, 1227-1242.	1.2	6
59	Outage performance of mobile V2V cooperative networks. Physical Communication, 2019, 34, 295-300.	1.2	8
60	Energy-Based Timing Estimation and Artificial Neural Network Based Ranging Error Mitigation in mm-Wave Ranging Systems Using Statistics Fingerprint Analysis. Wireless Personal Communications, 2019, 109, 1581-1604.	1.8	1
61	An improved sensing method using radio frequency detection. Physical Communication, 2019, 36, 100763.	1.2	4
62	Precoding Design for Two-Way MIMO Full-Duplex Amplify-and-Forward Relay Communication Systems. IEEE Access, 2019, 7, 76458-76469.	2.6	7
63	A Macroscopic Traffic Model based on Driver Reaction and Traffic Stimuli. Applied Sciences (Switzerland), 2019, 9, 2848.	1.3	24
64	Optimal Beamforming Design for Underwater Acoustic Communication With Multiple Unsteady Sub-Gaussian Interferers. IEEE Transactions on Vehicular Technology, 2019, 68, 12381-12386.	3.9	20
65	CWO-BP Neural Network Based OP Performance Prediction for Mobile Multiuser Communication Networks. IEEE Access, 2019, 7, 152690-152700.	2.6	26
66	An LEK-Based Design Algorithm for MDS Linear Network Error Correction Codes on Cyclic Multicast Networks. IEEE Transactions on Communications, 2019, 67, 7392-7404.	4.9	1
67	A Stochastic Approach to Energy Cost Minimization in Smart-Grid-Enabled Data Center Network. Journal of Computer Networks and Communications, 2019, 2019, 1-11.	1.2	6
68	On extremal double circulant self-dual codes of lengths $90 \leq n \leq 96$ . Applicable Algebra in Engineering, Communications and Computing, 2019, 30, 403-415.	0.3	8
69	Modulation Classification of Underwater Communication with Deep Learning Network. Computational Intelligence and Neuroscience, 2019, 2019, 1-12.	1.1	22
70	Ternary Trellis Coded Modulation. IEEE Access, 2019, 7, 49027-49038.	2.6	7
71	Greedy construction of DNA codes and new bounds. Applicable Algebra in Engineering, Communications and Computing, 2019, 30, 207-216.	0.3	3
72	A macroscopic traffic model based on driver physiological response. Journal of Engineering Mathematics, 2019, 115, 21-41.	0.6	18

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73	A Novel Power Inversion Antenna Array for the Beidou Navigation Satellite System. IEEE Access, 2019, 7, 25382-25397.	2.6	7
74	Random-Noise Denoising and Clutter Elimination of Human Respiration Movements Based on an Improved Time Window Selection Algorithm Using Wavelet Transform. Sensors, 2019, 19, 95.	2.1	13
75	An Improved Unauthorized Unmanned Aerial Vehicle Detection Algorithm Using Radiofrequency-Based Statistical Fingerprint Analysis. Sensors, 2019, 19, 274.	2.1	19
76	Unknown RSSD-Based Localization CRLB Analysis With Semidefinite Programming. IEEE Transactions on Communications, 2019, 67, 3791-3805.	4.9	22
77	Clutter Elimination and Harmonic Suppression of Non-Stationary Life Signs for Long-Range and Through-Wall Human Subject Detection Using Spectral Kurtosis Analysis (SKA)-Based Windowed Fourier Transform (WFT) Method. Applied Sciences (Switzerland), 2019, 9, 355.	1.3	12
78	Construction of tandem duplication correcting codes. IET Communications, 2019, 13, 2217-2225.	1.5	3
79	Automated localization of whales in coastal fjords. Journal of the Acoustical Society of America, 2019, 146, 4672-4686.	0.5	10
80	A Two-Channel Constrained Power Inversion Algorithm for the Beidou Navigation Satellite System. , 2019, , .		2
81	Wireless information and power transfer with optimal transmit antenna selection. IET Communications, 2019, 13, 3217-3221.	1.5	4
82	Transceiver design for multiple-input multiple-output full-duplex amplify-and-forward relay communication systems. IET Communications, 2019, 13, 66-73.	1.5	2
83	Cooperative RSS-Based Localization in Wireless Sensor Networks Using Relative Error Estimation and Semidefinite Programming. IEEE Transactions on Vehicular Technology, 2019, 68, 483-497.	3.9	79
84	Underwater broadband source detection using an Acoustic Vector Sensor with an adaptive passive matched filter. Applied Acoustics, 2019, 148, 162-174.	1.7	18
85	An improved signal processing algorithm for VSF extraction. Multidimensional Systems and Signal Processing, 2019, 30, 1811-1827.	1.7	0
86	Spectrum and energy efficiency of cooperative spectrum prediction in cognitive radio networks. Wireless Networks, 2019, 25, 3265-3274.	2.0	12
87	Performance Analysis of Mobile Multiuser Cooperative Networks with TAS Schemes. Journal of Signal Processing Systems, 2019, 91, 503-509.	1.4	1
88	A Macroscopic Traffic Model Based on Anticipation. Arabian Journal for Science and Engineering, 2019, 44, 5151-5163.	1.7	15
89	Prioritised and selective power control in cellular wireless networks. IET Communications, 2019, 13, 433-441.	1.5	5
90	Underwater wireless optical communication system using a 16-QAM modulated 450-nm laser diode based on an FPGA. Applied Optics, 2019, 58, 4553.	0.9	23

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91	Some new constructions of isodual and LCD codes over finite fields. <i>Advances in Mathematics of Communications</i> , 2019, 13, 281-296.	0.4	1
92	Triangular Constellations for Adaptive Modulation. <i>IEEE Transactions on Communications</i> , 2018, 66, 756-766.	4.9	40
93	A Grid-Based Localization Algorithm for Wireless Sensor Networks Using Connectivity and RSS Rank. <i>IEEE Access</i> , 2018, 6, 8426-8439.	2.6	19
94	Joint TAS and Power Allocation for Multiuser M2M Cooperative Networks. <i>IETE Technical Review (Institution of Electronics and Telecommunication Engineers, India)</i> , 2018, 35, 574-580.	2.1	2
95	Improved denoising method for through-wall vital sign detection using UWB impulse radar. , 2018, 74, 72-93.		75
96	Outage Performance for IDF Relaying Mobile Cooperative Networks. <i>Mobile Networks and Applications</i> , 2018, 23, 1496-1501.	2.2	34
97	Secure migration to compliant cloud services: A case study. <i>Journal of Information Security and Applications</i> , 2018, 38, 50-64.	1.8	3
98	A UAV Detection Algorithm Based on an Artificial Neural Network. <i>IEEE Access</i> , 2018, 6, 24720-24728.	2.6	55
99	Game based traffic exchange for green data center networks. <i>Journal of Communications and Networks</i> , 2018, 20, 85-92.	1.8	5
100	Two-stage weighted centroid localization for large-scale wireless sensor networks in ambient intelligence environment. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2018, 9, 617-627.	3.3	7
101	Constructions of good entanglement-assisted quantum error correcting codes. <i>Designs, Codes, and Cryptography</i> , 2018, 86, 121-136.	1.0	156
102	On codes over $\mathbb{F}_q + v\mathbb{F}_q + v^2\mathbb{F}_q$ . <i>Journal of Applied Mathematics and Computing</i> , 2018, 57, 375-391.	1.2	2
103	Link State Routing Based on Compressed Sensing. <i>Wireless Personal Communications</i> , 2018, 99, 253-271.	1.8	0
104	Multiple Attribute Handover in 5G HetNets Based on an Intuitionistic Trapezoidal Fuzzy Algorithm. , 2018, , .		4
105	A Note on Lempel-Ziv Parser Tails and Substring Lengths. , 2018, , .		0
106	Precoding for MIMO Full-Duplex Amplify-and-Forward Relay Communication Systems. , 2018, , .		0
107	Passive Detection of Low-Altitude Signal Sources Using an Improved Cross-Correlation Algorithm. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 2348.	1.3	1
108	Detailed analysis of energy detection-based millimetre-wave time-of-arrival measurement system. <i>IET Communications</i> , 2018, 12, 771-775.	1.5	4

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109	A PLC Channel Model for Home Area Networks. <i>Energies</i> , 2018, 11, 3344.	1.6	5
110	Experimental Study of Wireless Monitoring of Human Respiratory Movements Using UWB Impulse Radar Systems. <i>Sensors</i> , 2018, 18, 3065.	2.1	18
111	Ultra-Wideband Impulse Radar Through-Wall Detection of Vital Signs. <i>Scientific Reports</i> , 2018, 8, 13367.	1.6	51
112	A macroscopic traffic model for traffic flow harmonization. <i>European Transport Research Review</i> , 2018, 10, .	2.3	33
113	A macroscopic traffic model based on weather conditions. <i>Chinese Physics B</i> , 2018, 27, 070202.	0.7	14
114	An improved energy detection receiver for toa estimate in mm-Wave system. <i>Telecommunication Systems</i> , 2018, 69, 519-527.	1.6	1
115	Ultra-wide band impulse radar for life detection using wavelet packet decomposition. <i>Physical Communication</i> , 2018, 29, 31-47.	1.2	16
116	Outage Performance for IDF Relaying Mobile Cooperative Networks. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2018, , 395-402.	0.2	1
117	Acquisition Performance of a BDS Receiver with UWB Impulse Radio Interference. <i>Recent Patents on Engineering</i> , 2018, 12, 143-152.	0.3	1
118	On some classes of linear codes over $\mathbb{Z}_2 \times \mathbb{Z}_4$ and their covering radii. <i>Journal of Applied Mathematics and Computing</i> , 2017, 53, 201-222.	1.2	4
119	A new class of Fibonacci sequence based error correcting codes. <i>Cryptography and Communications</i> , 2017, 9, 379-396.	0.9	16
120	Joint TAS/SC and power allocation for IAF relaying D2D cooperative networks. <i>Wireless Networks</i> , 2017, 23, 2135-2143.	2.0	10
121	Joint TAS and power allocation for D2D cooperative networks. <i>Peer-to-Peer Networking and Applications</i> , 2017, 10, 945-953.	2.6	4
122	Performance of ternary double circulant, double twistulant, and self-dual codes. <i>Applicable Algebra in Engineering, Communications and Computing</i> , 2017, 28, 409-424.	0.3	0
123	Performance analysis of IAF relaying mobile D2D cooperative networks. <i>Journal of the Franklin Institute</i> , 2017, 354, 902-916.	1.9	68
124	The Hardware Trojan System: An Online Suite of Tools for Hardware Trojan Analysis. , 2017, , 39-53.		0
125	Multicast Convolutional Network Codes via Local Encoding Kernels. <i>IEEE Access</i> , 2017, , 1-1.	2.6	5
126	Performance analysis for M2M video transmission cooperative networks using transmit antenna selection. <i>Multimedia Tools and Applications</i> , 2017, 76, 23891-23902.	2.6	12



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127	Algebraic quantum synchronizable codes. Journal of Applied Mathematics and Computing, 2017, 55, 393-407.	1.2	7
128	An UWB ranging method based on wavelet packet decomposition. Neurocomputing, 2017, 270, 75-81.	3.5	5
129	Construction of MDS Convolutional Error-Correcting Network Codes Over Cyclic Networks. IEEE Transactions on Communications, 2017, 65, 2305-2318.	4.9	5
130	Constacyclic Codes over Finite Principal Ideal Rings. Lecture Notes in Computer Science, 2017, , 161-175.	1.0	4
131	On Isodual Cyclic Codes over Finite Chain Rings. Lecture Notes in Computer Science, 2017, , 176-194.	1.0	1
132	A New Variant of the McEliece Cryptosystem Based on QC-LDPC and QC-MDPC Codes. IEEE Communications Letters, 2017, 21, 714-717.	2.5	12
133	Effective Small Social Community Aware D2D Resource Allocation Underlying Cellular Networks. IEEE Wireless Communications Letters, 2017, 6, 822-825.	3.2	12
134	Joint Relay Selection and Power Allocation for AF Relaying M2M Cooperative System. Wireless Personal Communications, 2017, 96, 4063-4077.	1.8	1
135	On Erasure Coding in Intermittently Connected Networks. Wireless Personal Communications, 2017, 97, 1579-1595.	1.8	0
136	Biologically Inspired Two-Stage Resource Management for Machine-Type Communications in Cellular Networks. IEEE Transactions on Wireless Communications, 2017, 16, 5897-5910.	6.1	9
137	Joint user association and resource partition for downlink-uplink decoupling in multi-tier HetNets. Frontiers of Information Technology and Electronic Engineering, 2017, 18, 817-829.	1.5	2
138	Code-based security with random interleaving. IET Communications, 2017, 11, 1195-1198.	1.5	1
139	Extreme learning machine for 60 GHz millimetre wave positioning. IET Communications, 2017, 11, 483-489.	1.5	22
140	Generic Linear Network Code Construction Using Transversal Matroids. IEEE Communications Letters, 2017, 21, 448-451.	2.5	1
141	Simplex and MacDonal codes over $\mathbb{R}_q$ . Journal of Applied Mathematics and Computing, 2017, 55, 455-478.	1.2	4
142	Energy detector based TOA estimation for MMW systems using machine learning. Telecommunication Systems, 2017, 64, 417-427.	1.6	27
143	An Optimal Service Strategy for Grouped Machine-Type Communications in Cellular Networks. IEEE Communications Letters, 2017, 21, 140-143.	2.5	5
144	An Improved Algorithm for Through-Wall Target Detection Using Ultra-Wideband Impulse Radar. IEEE Access, 2017, 5, 22101-22118.	2.6	64

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145	Performance of software-defined networking controllers for different network topologies. , 2017, , .		8
146	A novel time of arrival estimation algorithm using an energy detector receiver in MMW systems. Eurasip Journal on Advances in Signal Processing, 2017, 2017, .	1.0	9
147	An analog of the prime number theorem for finite fields via truncated polylogarithm expansions. Mathematics of Computation, 2017, 87, 855-877.	1.1	0
148	An improved cooperative jamming strategy for PHY security in a multi-hop communications system. , 2017, , .		1
149	Design of a beidou satellite radome for deep-sea buoys. , 2017, , .		1
150	A 60 GHz impulse radio positioning algorithm based on a BP neural network. , 2017, , .		2
151	An RSSI based DV-hop algorithm for wireless sensor networks. , 2017, , .		21
152	Discrete location-aware resource allocation for underlay device-to-device communications in cellular networks. IET Communications, 2017, 11, 2482-2489.	1.5	0
153	A new electromagnetic jamming system for unmanned aerial vehicles. , 2017, , .		5
154	On the performance of optimal double circulant even codes. Advances in Mathematics of Communications, 2017, 11, 767-775.	0.4	2
155	Joint Transmit Antenna Selection and Power Allocation for ISDF Relaying Mobile-to-Mobile Sensor Networks. Sensors, 2016, 16, 249.	2.1	5
156	Correlation-sum-deviation ranging method for vehicular node based on IEEE 802.11p short preamble. International Journal of Distributed Sensor Networks, 2016, 12, 155014771666090.	1.3	2
157	A New Characterization of Hardware Trojans. IEEE Access, 2016, 4, 2721-2731.	2.6	24
158	A Faster RCNN-Based Pedestrian Detection System. , 2016, , .		43
159	A Secure Code Based Cryptosystem via Random Insertions, Deletions, and Errors. IEEE Communications Letters, 2016, 20, 870-873.	2.5	11
160	Performance Analysis of the Double-Antenna SDC System Over N-Nakagami Fading Channels. International Journal of Wireless Information Networks, 2016, 23, 49-56.	1.8	1
161	Some Connections Between Classical Coding and Network Coding Over Erroneous Cyclic Networks. IEEE Access, 2016, 4, 5889-5895.	2.6	3
162	Ternary Convolutional Codes for Ternary Phase Shift Keying. IEEE Communications Letters, 2016, 20, 1709-1712.	2.5	9

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163	Real-Time Positioning Based on Millimeter Wave Device to Device Communications. IEEE Access, 2016, 4, 5520-5530.	2.6	24
164	Vehicle Positioning Using 5G Millimeter-Wave Systems. IEEE Access, 2016, 4, 6964-6973.	2.6	51
165	Performance evaluation of TOA estimation for 60 GHz MMW system based on IEEE 802.15.3c channel model. IEICE Communications Express, 2016, 5, 353-358.	0.2	0
166	Accuracy analysis of an impulse radio 60 GHz positioning system. , 2016, , .		0
167	OP Performance and Power Allocation for DF Relaying M2M Cooperative System. IETE Journal of Research, 2016, 62, 627-633.	1.8	1
168	Generalised selection at multi-antenna sources in two-way relay networks. IET Communications, 2016, 10, 824-831.	1.5	8
169	A fast algorithm to construct a representation for transversal matroids. Japan Journal of Industrial and Applied Mathematics, 2016, 33, 207-226.	0.5	1
170	Hardware attacks: an algebraic approach. Journal of Cryptographic Engineering, 2016, 6, 325-337.	1.5	4
171	Threshold Selection for 60 GHz TOA Estimation Based on Skewness and Kurtosis Analysis. International Journal of Smart Home, 2016, 10, 129-142.	0.6	2
172	Performance Analysis of DF Relaying Cooperative Systems. IEICE Transactions on Communications, 2016, E99.B, 1577-1583.	0.4	3
173	Some constacyclic codes over finite chain rings. Advances in Mathematics of Communications, 2016, 10, 683-694.	0.4	15
174	Relay Selection in the DF Relaying M2M Cooperative Networks. International Journal of Future Generation Communication and Networking, 2016, 9, 233-246.	0.7	0
175	A New Low Complexity NLOS Identification Approach Based on Minimum Slope and Kurtosis of Energy Block for 60 GHz System. International Journal of Security and Its Applications, 2016, 10, 329-342.	0.5	1
176	Smartly Time of Arrival Interpretation in the Wide Band Ranging System. International Journal of Security and Its Applications, 2016, 10, 385-410.	0.5	0
177	A Novel TOA Estimation Algorithm Based on Kurtosis and Standard Slope in the 60GHz Sensor Network. International Journal of Future Generation Communication and Networking, 2016, 9, 123-138.	0.7	0
178	NLOS Channel Identification Based on Energy Detector for 60GHz Wireless Communication Systems. International Journal of Smart Home, 2016, 10, 271-284.	0.6	0
179	A Novel Non-Line of Sight Identification Algorithm in the 60GHz Wireless Communication Systems. International Journal of Smart Home, 2016, 10, 167-182.	0.6	0
180	A Novel Scheme for NLOS Identification using Energy Detector in 60 GHz Systems. International Journal of Future Generation Communication and Networking, 2016, 9, 151-164.	0.7	1

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181	NLOS Identification Approach Based on Energy Block for 60GHz Systems. International Journal of Database Theory and Application, 2016, 9, 59-74.	0.2	0
182	Classification of hardware trojan detection techniques. , 2015, , .		12
183	On the source-channel separation theorem for infinite source alphabets. Problems of Information Transmission, 2015, 51, 200-204.	0.3	0
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185	Hardware attack risk assessment. , 2015, , .		3
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