El-Sayed M El-Rabaie

List of Publications by Year
in descending order

277 papers	2,639 citations	279701 23 h-index	345118 36 g-index
282 all docs	282 docs citations	282 times ranked	1578 citing authors

#	ARTICLE	IF	CITATIONS
1	Proposed 3D chaos-based medical image cryptosystem for secure cloud-IoMT eHealth communication services. Journal of Ambient Intelligence and Humanized Computing, 2024, 15, 1-28.	3.3	8
2	Video quality enhancement using recursive deep residual learning network. Signal, Image and Video Processing, 2023, 17, 257-265.	1.7	3
3	Cybersecurity framework of hybrid watermarking and selective encryption for secure HEVC communication. Journal of Ambient Intelligence and Humanized Computing, 2022, 13, 1215-1239.	3.3	30
4	Noise reduction in optical gyroscope signals based on hybrid approaches. Journal of Optics (India), 2022, 51, 5-21.	0.8	2
5	Efficient security framework for reliable wireless 3D video transmission. Multidimensional Systems and Signal Processing, 2022, 33, 181-221.	1.7	3
6	Efficient anomaly detection from medical signals and images with convolutional neural networks for Internet of medical things (IoMT) systems. International Journal for Numerical Methods in Biomedical Engineering, 2022, 38, e3530.	1.0	11
7	Deep‐learning‐based seizure detection and prediction from electroencephalography signals. International Journal for Numerical Methods in Biomedical Engineering, 2022, 38, e3573.	1.0	11
8	Optimized multimodal medical image fusion framework using multi-scale geometric and multi-resolution geometric analysis. Multimedia Tools and Applications, 2022, 81, 14379-14401.	2.6	15
9	Hybrid classification structures for automatic COVID-19 detection. Journal of Ambient Intelligence and Humanized Computing, 2022, 13, 4477-4492.	3.3	11
10	An efficient modulation classification method using signal constellation diagrams with convolutional neural networks, Gabor filtering, and thresholding. Transactions on Emerging Telecommunications Technologies, 2022, 33, .	2.6	7
11	An Efficient Technique for Non-Uniformity Correction of Infrared Video Sequences with Histogram Matching. Journal of Electrical Engineering and Technology, 2022, 17, 2971-2983.	1.2	3
12	A hybrid encryption framework based on Rubik's cube for cancelable biometric cyber security applications. Optik, 2022, 258, 168773.	1.4	6
13	The efficiency of silicon thin film solar cell: impact of temperature with different surface shapes. Optical and Quantum Electronics, 2022, 54, 1.	1.5	0
14	Literature Review: On-Chip Photonic Crystals and Photonic Crystal Fiber for Biosensing and Some Novel Trends. IEEE Access, 2022, 10, 47419-47436.	2.6	15
15	Proposed neural SAE-based medical image cryptography framework using deep extracted features for smart IoT healthcare applications. Neural Computing and Applications, 2022, 34, 10629-10653.	3.2	10
16	A statistical framework for breast tumor classification from ultrasonic images. Multimedia Tools and Applications, 2021, 80, 5977-5996.	2.6	11
17	Proactive discovery protocol with security enhancement for D2D communication system. Multimedia Tools and Applications, 2021, 80, 5047-5066.	2.6	2
18	A Comprehensive Survey Analysis for Present Solutions of Medical Image Fusion and Future Directions. IEEE Access, 2021, 9, 11358-11371.	2.6	59

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19	Hilbert Transform and Statistical Analysis for Channel Selection and Epileptic Seizure Prediction. Wireless Personal Communications, 2021, 116, 3371-3395.	1.8	8
20	Simultaneous Enhancement and Watermarking of Speech Signals. International Journal of Speech Technology, 2021, 24, 219-234.	1.4	0
21	Enhancement Technique of Infrared Images. Menoufia Journal of Electronic Engineering Research, 2021, 30, 58-64.	0.3	0
22	Joint Nodes and Sink Mobility Based Immune Routing-Clustering Protocol for Wireless Sensor Networks. Wireless Personal Communications, 2021, 118, 1189-1210.	1.8	6
23	An Efficient Segmentation Technique for Different Medical Image Modalities. Menoufia Journal of Electronic Engineering Research, 2021, 30, 22-28.	0.3	1
24	DNA Sequences Classification with Deep Learning: A Survey. Menoufia Journal of Electronic Engineering Research, 2021, 30, 41-51.	0.3	4
25	A Survey on Analog-to-Digital Converters' Architectures and Performance Analysis. Port-Said Engineering Research Journal, 2021, .	0.0	0
26	Survey on Ultra-Dense Networks (UDNs) and Applied Stochastic Geometry. Wireless Personal Communications, 2021, 119, 2345-2404.	1.8	2
27	Robust medical image encryption based on DNA-chaos cryptosystem for secure telemedicine and healthcare applications. Journal of Ambient Intelligence and Humanized Computing, 2021, 12, 9007-9035.	3.3	64
28	Efficient implementation of optical scanning holography in cancelable biometrics. Applied Optics, 2021, 60, 3659.	0.9	24
29	Optical wireless communication performance enhancement using Hamming coding and an efficient adaptive equalizer with a deep-learning-based quality assessment. Applied Optics, 2021, 60, 3677.	0.9	5
30	A survey of traditional and advanced automatic modulation classification techniques, challenges, and some novel trends. International Journal of Communication Systems, 2021, 34, e4762.	1.6	21
31	Deep convolutional neural networks for <scp>COVID‑19</scp> automatic diagnosis. Microscopy Research and Technique, 2021, 84, 2504-2516.	1.2	19
32	Speaker identification based on Radon transform and CNNs in the presence of different types of interference for Robotic Applications. Applied Acoustics, 2021, 177, 107665.	1.7	10
33	Optimized two‑level scheduler for video traffic in LTE downlink framework. International Journal of Communication Systems, 2021, 34, e4704.	1.6	1
34	Text-dependent and text-independent speaker recognition of reverberant speech based on CNN. International Journal of Speech Technology, 2021, 24, 993.	1.4	7
35	An Efficient Algorithm for Cancelable Biometric Recognition Based on Noise Magnification. , 2021, , .		0
36	The effect of different surface plasmon polariton shapes on thin-film solar cell efficiency. Journal of Computational Electronics, 2021, 20, 1807-1814.	1.3	10

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37	Performance Analysis of Adaptive Channel Estimation for Wireless Optical Communication Systems. , 2021, , .		0
38	Cancellable face recognition based on fractional-order Lorenz chaotic system and Haar wavelet fusion. , 2021, 116, 103103.		39
39	A survey of 5G millimeter wave, massive multiple‐input multiple‐output, and vehicle‐to‐vehicle channel measurements and models. International Journal of Communication Systems, 2021, 34, e4830.	1.6	4
40	Efficient Clustering based Genetic Algorithm in Mobile Wireless Sensor Networks. Menoufia Journal of Electronic Engineering Research, 2021, 30, 1-12.	0.3	4
41	Comparative Study between Different Image Fusion Techniques Applied on Biomedical Images. , 2021, , .		13
42	Medical Image Fusion Based on Weighted Least Square Optimization and Deep Learning Algorithm. , 2021, , .		12
43	The Effects of surface plasmon polariton on Silicon Thin Film Solar Cell Array. , 2021, , .		0
44	Companding techniques for SC-FDMA and sensor network applications. International Journal of Electronics Letters, 2020, 8, 241-255.	0.7	9
45	MolCom system with downlink/uplink biocyber interface for Internet of Bio‐NanoThings. International Journal of Communication Systems, 2020, 33, e4171.	1.6	10
46	Bacterial classification with convolutional neural networks based on different data reduction layers. Nucleosides, Nucleotides and Nucleic Acids, 2020, 39, 493-503.	0.4	5
47	Feature Selection Ranking and Subset-Based Techniques with Different Classifiers for Intrusion Detection. Wireless Personal Communications, 2020, 111, 375-393.	1.8	21
48	Efficient storage and classification of color patterns based on integrating interpolation with ANN/SVM. Multimedia Tools and Applications, 2020, 79, 947-978.	2.6	1
49	A high precision write/read circuits for memristors using digital input/output interfaces. Microelectronics Journal, 2020, 96, 104694.	1.1	11
50	A Proposed Efficient Hybrid Precoding Algorithm for Millimeter Wave Massive MIMO 5G Networks. Wireless Personal Communications, 2020, 112, 149-167.	1.8	8
51	Efficient SVD-based audio watermarking technique in FRT domain. Multimedia Tools and Applications, 2020, 79, 5617-5648.	2.6	44
52	Fluorescence and dielectric spectroscopy identification of polyvinyl chloride/NiO nanocomposites. Journal of Molecular Structure, 2020, 1212, 128162.	1.8	23
53	Malaria biosensors with ultra-sensitivity and quality factor based on cavity photonic crystal designs. European Physical Journal Plus, 2020, 135, 1.	1.2	16
54	A Novel Highly Linear Voltage-To-Time Converter (VTC) Circuit for Time-Based Analog-To-Digital Converters (ADC) Using Body Biasing. Electronics (Switzerland), 2020, 9, 2033.	1.8	3

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55	Efficient chaotic-based image cryptosystem with different modes of operation. Multimedia Tools and Applications, 2020, 79, 20665-20687.	2.6	45
56	Efficient remote access system based on decoded and decompressed speech signals. Multimedia Tools and Applications, 2020, 79, 22293-22324.	2.6	0
57	Speaker recognition based on pre-processing approaches. International Journal of Speech Technology, 2020, 23, 435-442.	1.4	9
58	Efficient signal and protocol level security for network communication. International Journal of Speech Technology, 2020, 23, 399-424.	1.4	3
59	Enhanced fair earliest due date first scheduling strategy for multimedia applications in LTE downlink framework. International Journal of Communication Systems, 2020, 33, e4190.	1.6	6
60	Noisy Iris Recognition Based on Deep Neural Network. Menoufia Journal of Electronic Engineering Research, 2020, 29, 64-69.	0.3	1
61	Cancelable Fingerprint Recognition based on Encrypted Convolution Kernel in Different Domains. Menoufia Journal of Electronic Engineering Research, 2020, 29, 133-142.	0.3	2
62	Speech Watermarking using a Hybrid Strategy of both Empirical Mode Decomposition and Singular Value Decomposition. Menoufia Journal of Electronic Engineering Research, 2020, 29, 39-49.	0.3	0
63	A Comparative Study between Pitch Detection Techniques on Reverberant Speech Signals. Menoufia Journal of Electronic Engineering Research, 2020, 29, 105-108.	0.3	0
64	Power-Aware 3D UAV Placement for IoT Emergency Communications. , 2020, , .		1
65	Optimal multi-scale geometric fusion based on non-subsampled contourlet transform and modified central force optimization. International Journal of Imaging Systems and Technology, 2019, 29, 4-18.	2.7	23
66	Development of a Real-Time, Simple and High-Accuracy Fall Detection System for Elderly Using 3-DOF Accelerometers. Arabian Journal for Science and Engineering, 2019, 44, 3329-3342.	1.7	24
67	Cancelable multi-biometric security system based on double random phase encoding and cepstral analysis. Multimedia Tools and Applications, 2019, 78, 32333-32355.	2.6	11
68	Efficient anomaly detection from medical signals and images. International Journal of Speech Technology, 2019, 22, 739-767.	1.4	18
69	Efficient multi-scale non-sub-sampled shearlet fusion system based on modified central force optimization and contrast enhancement. Infrared Physics and Technology, 2019, 102, 102975.	1.3	29
70	Proposed enhanced hybrid framework for efficient 3D-MVC and 3D-HEVC wireless communication. Multimedia Tools and Applications, 2019, 78, 14173-14193.	2.6	7
71	Adaptive Soft Thresholding Based Energy Efficient Sensor Protocol for Wireless Sensor Networks. , 2019, , .		0
72	High-sensitivity ultra-quality factor and remarkable compact blood components biomedical sensor based on nanocavity coupled photonic crystal. Results in Physics, 2019, 14, 102478.	2.0	43

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73	Ultra-High Bit Rate All-Optical Half Subtractor Based on Photonic Crystal. , 2019, , .		3
74	3D non-stationary vehicle-to-vehicle MIMO channel model for 5G millimeter-wave communications. , 2019, 95, 102580.		9
75	Efficient Design of Reflectarrays Using Planar Microstrip and 3D All-Metal Unit Cells for 5G Applications. Iranian Journal of Science and Technology - Transactions of Electrical Engineering, 2019, 43, 451-458.	1.5	1
76	3D Modeling and Analysis of the Space–Time Correlation for 5G Millimeter Wave MIMO Channels. Wireless Personal Communications, 2019, 104, 783-799.	1.8	5
77	A statistical framework for EEG channel selection and seizure prediction on mobile. International Journal of Speech Technology, 2019, 22, 191-203.	1.4	33
78	Security of 3D-HEVC transmission based on fusion and watermarking techniques. Multimedia Tools and Applications, 2019, 78, 27211-27244.	2.6	49
79	Fusion-based encryption scheme for cancelable fingerprint recognition. Multimedia Tools and Applications, 2019, 78, 27351-27381.	2.6	13
80	An optimal wavelet-based multi-modality medical image fusion approach based on modified central force optimization and histogram matching. Multimedia Tools and Applications, 2019, 78, 26373-26397.	2.6	16
81	An FPGA design and implementation of EPZS motion estimation algorithm for 3D H.264/MVC standard. Multimedia Tools and Applications, 2019, 78, 22351-22396.	2.6	5
82	Improved joint algorithms for reliable wireless transmission of 3D color-plus-depth multi-view video. Multimedia Tools and Applications, 2019, 78, 9845-9875.	2.6	3
83	Ultra-High bit rate all-optical AND/OR logic gates based on photonic crystal with multi-wavelength simultaneous operation. Journal of Modern Optics, 2019, 66, 1005-1016.	0.6	35
84	Single- and double-beam reflectarrays for Ka band communication. Sadhana - Academy Proceedings in Engineering Sciences, 2019, 44, 1.	0.8	3
85	The Effect of Different Surface Grating Shapes on Thin Film Solar Cell Efficiency. , 2019, , .		5
86	All-Optical D-Flip Flop with Multi-Wavelength Operation Based on Photonic Crystal. , 2019, , .		3
87	Energy-efficient routing protocol based on sink mobility for wireless sensor networks. IET Wireless Sensor Systems, 2019, 9, 405-415.	1.3	15
88	An accurate model of domain-wall-based spintronic memristor. The Integration VLSI Journal, 2019, 65, 149-162.	1.3	11
89	Ultracompact ultrafast-switching-speed all-optical 4≋×≋2 encoder based on photonic crystal. Journal of Computational Electronics, 2019, 18, 279-292.	1.3	24
90	Sensitivity Analysis of a Class of Iris Localization Algorithms to Blurring Effect. Wireless Personal Communications, 2019, 104, 269-286.	1.8	3

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91	Optimized delay threshold scheduler for multimedia traffic over LTE downlink network. Multimedia Tools and Applications, 2019, 78, 15507-15525.	2.6	8
92	Effect of NiO NPs doping on the structure and optical properties of PVC polymer films. Polymer Bulletin, 2019, 76, 4769-4784.	1.7	103
93	Image deconvolution using homomorphic technique. Signal, Image and Video Processing, 2019, 13, 703-709.	1.7	7
94	Efficient hybrid framework for transmission enhancement of composite 3D H.264 and H.265 compressed video frames. Multimedia Tools and Applications, 2019, 78, 11337-11368.	2.6	2
95	Effective multi-stage error control algorithms for robust 3D video transmission over wireless networks. Wireless Networks, 2019, 25, 1619-1640.	2.0	3
96	Proposed optimized hybrid error recovery techniques for performance improvement of wireless 3D-MVC communication. Journal of King Saud University - Computer and Information Sciences, 2019, 31, 469-480.	2.7	2
97	Literature Review on All-Optical Photonic Crystal Encoders and Some Novel Trends. Menoufia Journal of Electronic Engineering Research, 2019, 28, 153-184.	0.3	4
98	An In-depth Survey of Viisiiblle Liight Communiicatiion Modullatiing and Codiing schemes for Diimmiing/Flliicker Avoiidance Technollogiies. Menoufia Journal of Electronic Engineering Research, 2019, 28, 289-312.	0.3	0
99	SYN Flood Attack Detection Usiing AR Model. Menoufia Journal of Electronic Engineering Research, 2019, 28, 85-92.	0.3	0
100	Sensitivity of Seizure Pattern Prediction to EEG Signal Compression. Menoufia Journal of Electronic Engineering Research, 2019, 28, 97-116.	0.3	0
101	Sub-band Decomposition for Epileptic Seizure Prediction. Menoufia Journal of Electronic Engineering Research, 2019, 28, 53-64.	0.3	0
102	Quality Assessment of Images Transmitted over Optical Fiber Communications Systems based on Statistical Metrics. Menoufia Journal of Electronic Engineering Research, 2019, 28, 287-304.	0.3	0
103	Efficient Epileptic Seizure Prediction Approach Based on Hilbert Transform. Menoufia Journal of Electronic Engineering Research, 2019, 28, 17-32.	0.3	0
104	Towards 3D Nuclear Detectors. Menoufia Journal of Electronic Engineering Research, 2019, 28, 79-96.	0.3	0
105	Study for Speaker Identification Under Reverberation Effect. Menoufia Journal of Electronic Engineering Research, 2019, 28, 1-7.	0.3	0
106	Proposed Cancelable Face Recognition System Based on Histogram of Oriented Gradients. Menoufia Journal of Electronic Engineering Research, 2019, 28, 138-144.	0.3	0
107	Enhanced Finite Impulse Response Equalizer with Activity Detection Guidance and Tap Decoupling Techniques. Menoufia Journal of Electronic Engineering Research, 2019, 28, 102-106.	0.3	0
108	Cancelable Face Recognition System Based on Optical Scanning Holography. Menoufia Journal of Electronic Engineering Research, 2019, 28, 2-7.	0.3	0

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109	Comb Filter Approach for Cancelable Face and Fingerprints Recognition. Menoufia Journal of Electronic Engineering Research, 2019, 28, 89-94.	0.3	2
110	Optimized Digital Filters Based on Zero Cancelation for Speech Security Applications. Menoufia Journal of Electronic Engineering Research, 2019, 28, 107-114.	0.3	0
111	Spectral Features Based on Bidirectional Long Short-Term Memory for DNA Classification. Menoufia Journal of Electronic Engineering Research, 2019, 28, 183-188.	0.3	0
112	Recursive Bayesian Filtering-Based Error Concealment Scheme for 3D Video Communication Over Severely Lossy Wireless Channels. Circuits, Systems, and Signal Processing, 2018, 37, 4810-4841.	1.2	22
113	HEVC Selective Encryption Using RC6 Block Cipher Technique. IEEE Transactions on Multimedia, 2018, 20, 1636-1644.	5.2	45
114	Efficient Hybrid Watermarking Scheme for Security and Transmission Bit Rate Enhancement of 3D Color-Plus-Depth Video Communication. 3D Research, 2018, 9, 1.	1.8	1
115	Efficient hybrid watermarking schemes for robust and secure <scp>3D‚MVC</scp> communication. International Journal of Communication Systems, 2018, 31, e3478.	1.6	34
116	CABAC-based selective encryption for HEVC using RC6 in different operation modes. Multimedia Tools and Applications, 2018, 77, 28395-28416.	2.6	18
117	Transmission of nanoscale information-based neural communication-aware ligand‚"receptor interactions. Neural Computing and Applications, 2018, 30, 3509-3522.	3.2	4
118	Encoder-independent decoder-dependent depth-assisted error concealment algorithm for wireless 3D video communication. Multimedia Tools and Applications, 2018, 77, 13145-13172.	2.6	30
119	Performance evaluation of enhanced error correction algorithms for efficient wireless 3D video communication systems. International Journal of Communication Systems, 2018, 31, e3396.	1.6	13
120	Efficient HEVC selective stream encryption using chaotic logistic map. Multimedia Systems, 2018, 24, 419-437.	3.0	26
121	Second-Order Statistics Channel Model for 5G Millimeter-Wave Mobile Communications. Arabian Journal for Science and Engineering, 2018, 43, 2833-2842.	1.7	5
122	Improving the Performance of the Digital Predistorter Based on Sample Reuse- Rls Algorithm. , 2018, , .		2
123	Mobility Based Genetic Algorithm Hierarchical Routing Protocol in Mobile Wireless Sensor Networks. , 2018, , .		7
124	Proposed dynamic error control techniques for QoS improvement of wireless 3D video transmission. International Journal of Communication Systems, 2018, 31, e3563.	1.6	4
125	Speaker identification based on normalized pitch frequency and Mel Frequency Cepstral Coefficients. International Journal of Speech Technology, 2018, 21, 941-951.	1.4	23
126	Efficient SVD speech watermarking with encrypted images. International Journal of Speech Technology, 2018, 21, 953-965.	1.4	7

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127	An efficient DT-CWT medical image fusion system based on modified central force optimization and histogram matching. Infrared Physics and Technology, 2018, 94, 223-231.	1.3	55
128	Hybrid modulation schemes for data transmission improvement of indoor visible light communication system. International Journal of Engineering and Technology(UAE), 2018, 7, 2822.	0.2	1
129	Efficient multi-level security for robust 3D color-plus-depth HEVC. Multimedia Tools and Applications, 2018, 77, 30911-30937.	2.6	29
130	Robust hybrid watermarking techniques for different color imaging systems. Multimedia Tools and Applications, 2018, 77, 25709-25759.	2.6	37
131	Gain optimization for millimeter wave reflectarray antennas based on a phase gradient approach. International Journal of Speech Technology, 2018, 21, 555-562.	1.4	0
132	Efficient Techniques for Attack Detection Using Different Features Selection Algorithms and Classifiers. Wireless Personal Communications, 2018, 100, 1689-1706.	1.8	7
133	Switching Between Unit Cells: A Tool to Break the Limits on the Performance of Reflectarray Antennas. Wireless Personal Communications, 2018, 101, 1429-1443.	1.8	0
134	Sum of Sinusoids Simulator for Millimeter Wave Channel Model Towards 5G Networks. Wireless Personal Communications, 2018, 103, 2125-2135.	1.8	2
135	Chaotic encryption with different modes of operation based on Rubik's cube for efficient wireless communication. Multimedia Tools and Applications, 2018, 77, 27337-27361.	2.6	14
136	Proposed adaptive joint error-resilience concealment algorithms for efficient colour-plus-depth 3D video transmission. IET Image Processing, 2018, 12, 967-984.	1.4	11
137	Comparative Study of Video Compression Techniques. Menoufia Journal of Electronic Engineering Research, 2018, 27, 1-32.	0.3	4
138	Performance Study of HEVC and H.264 Video Coding Standards. Menoufia Journal of Electronic Engineering Research, 2018, 27, 237-260.	0.3	3
139	Fixed to Mobile 5G Millimeter Wave Channel Model. Menoufia Journal of Electronic Engineering Research, 2018, 27, 139-150.	0.3	0
140	Efficient Implementation of Adaptive Wiener Filter for Pitch Detection from Noisy Speech Signals. Menoufia Journal of Electronic Engineering Research, 2018, 27, 109-126.	0.3	4
141	A Chaotic Image Encryption Algorithm Based on Rubik's Cube Principle for Wireless Communication. Menoufia Journal of Electronic Engineering Research, 2018, 27, 151-164.	0.3	2
142	Medical Image Segmentation Techniques, a Literature Review, and Some Novel Trends. Menoufia Journal of Electronic Engineering Research, 2018, 27, 23-58.	0.3	2
143	Interdisciplinary Survey on Nanocommunications-based Molecular, Electromagnetic and Optical Technology. Menoufia Journal of Electronic Engineering Research, 2018, 27, 183-211.	0.3	0
144	A Proposed Fingerprint Image Encryption Scheme Based on Wavelet Fusion. Menoufia Journal of Electronic Engineering Research, 2018, 27, 165-182.	0.3	0

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145	MIMO AF RSs Based OSTBCs for LTE-A Downlink Physical Layer Network. Wireless Personal Communications, 2017, 95, 2931-2946.	1.8	0
146	Enhancement of Wireless 3D Video Communication Using Color-Plus-Depth Error Restoration Algorithms and Bayesian Kalman Filtering. Wireless Personal Communications, 2017, 97, 245-268.	1.8	37
147	Efficient 3D Watermarked Video Communication with Chaotic Interleaving, Convolution Coding, and LMMSE Equalization. 3D Research, 2017, 8, 1.	1.8	6
148	Maximum output voltage and frequency of single electron tunneling inverter for variable temperature and load capacitance. AEJ - Alexandria Engineering Journal, 2017, 56, 309-312.	3.4	0
149	Chaotic Interleaving for the Transmission of Compressed Video Frames with Self-Embedded Digital Signatures. Wireless Personal Communications, 2017, 96, 1635-1651.	1.8	1
150	A Reflectarray with Octagonal Unit Cells for 5-G Applications. Wireless Personal Communications, 2017, 97, 2999-3016.	1.8	9
151	DRPE Encryption with Chaotic Interleaving for Video Communication. Wireless Personal Communications, 2017, 97, 1373-1384.	1.8	4
152	Enhanced digital predistorter based on normalized least mean square and particle swarm optimization algorithms. , 2017, , .		3
153	Area-efficient read/write circuit for spintronic memristor based memories. , 2017, , .		4
154	3-D Image Encryption Based on Rubik's Cube and RC6 Algorithm. 3D Research, 2017, 8, 1.	1.8	22
155	Efficient Molecular Communication Protocol based on Mobile Ad-hoc Nanonetwork. Menoufia Journal of Electronic Engineering Research, 2017, 26, 427-443.	0.3	3
156	Real Time- Optimized Scheduler Using Earliest Due Date Mechanism in LTE Downlink System. Menoufia Journal of Electronic Engineering Research, 2017, 26, 367-386.	0.3	0
157	Efficient Routing with Compressive Sensing for Wireless Sensor Network. Menoufia Journal of Electronic Engineering Research, 2017, 26, 399-412.	0.3	0
158	Analysis of co-tunneling effect in single-electronics simulation. Journal of Computational Electronics, 2016, 15, 1351-1360.	1.3	1
159	High security data hiding using image cropping and LSB least significant bit steganography. , 2016, , .		38
160	A hybrid scheme for robust color image watermarking using DSWT in DCT domain. , 2016, , .		5
161	Resource allocation for Real-Time services using Earliest Due Date mechanism in LTE networks. , 2016, , .		4
162	Efficient Source Separation Enhancement Based on Advanced Multi-dimensional Transform Technique. Annals of Data Science, 2016, 3, 25-45.	1.7	0

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163	Aspects of nanoscale information transmission in nanonetworks-based molecular communication. , 2016, , .		3
164	Capacity enhanced scheduler for LTE downlink system based on PF algorithm. , 2016, , .		2
165	Efficient color image watermarking using homomorphic based SVD in DWT domain. , 2016, , .		4
166	Read disturbance and temperature variation aware spintronic memristor model. , 2016, , .		7
167	Infrared image enhancement based on both Histogram matching and wavelet fusion. , 2016, , .		3
168	Thin Film Ferroelectric Compact Branch-Line Coupler Based on D-CRLH Unit Cell and YBCO HTS Microstrip. Wireless Personal Communications, 2016, 89, 331-349.	1.8	1
169	Resolution enhancement of images for further pattern recognition applications. Optik, 2016, 127, 484-492.	1.4	2
170	A Comparative Study For Color Systems Used In The DCT-DWT Watermarking Algorithm. Advances in Science, Technology and Engineering Systems, 2016, 1, 42-49.	0.4	10
171	Two Efficient Unit Cell Designs for Polarization Independent 5-G Reflectarrays. Menoufia Journal of Electronic Engineering Research, 2016, 25, 53-65.	0.3	0
172	A high speed low power reading scheme in DRAMs using Resonant Tunneling Diode. , 2015, , .		2
173	Enhancing Power Delay Product in DRAMs using resonant tunneling diode buffer. , 2015, , .		1
174	Block-based SVD image watermarking in spatial and transform domains. International Journal of Electronics, 2015, 102, 1091-1113.	0.9	15
175	Efficient Image Communication in PAPR Distortion Cases. Wireless Personal Communications, 2015, 83, 2773-2834.	1.8	5
176	Novel PbSe nanocrystals doped fluorogermanate glass matrix. Materials Science in Semiconductor Processing, 2015, 34, 88-92.	1.9	15
177	Polarization insensitive Ka-band reflectarray antenna. , 2015, , .		3
178	Miniaturization and enhancement performance of passive microwave components using HTS and thin film ferroelectric materials. , 2015, , .		0
179	Comparative study of backward directional couplers using ENG and coupled line. , 2015, , .		0
180	Characterization and growth of lead telluride quantum dots doped novel fluorogermanate glass matrix. Materials Science in Semiconductor Processing, 2015, 30, 631-635.	1.9	12

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181	Enhancing the Performance of Multicarrier Delay Diversity Modulation Systems Using Alamouti Codes. Wireless Personal Communications, 2015, 82, 1321-1335.	1.8	0
182	Automatic Modulation Recognition in Wireless Multi-carrier Wireless Systems with Cepstral Features. Wireless Personal Communications, 2015, 81, 1243-1288.	1.8	17
183	OSIC-Based SD MIMO Detection Algorithm for LTE-A Downlink Physical Layer. Wireless Personal Communications, 2015, 80, 751-768.	1.8	5
184	Signal detection enhancement in LTE-A downlink physical layer using OSIC-based <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si16.gif" display="inline" overflow="scroll"><mml:mi>K</mml:mi></mml:math>-Best algorithm. Physical Communication, 2015, 14, 24-31.	1.2	3
185	Efficient Technique for Sidelobe Suppression and PAPR Reduction in OFDM-Based Cognitive Radios. Wireless Personal Communications, 2015, 83, 215-230.	1.8	6
186	Near optimum OSIC-based ML algorithm in a quantized space for LTE-A downlink physical layer. , 2015, 40, 250-257.		0
187	D10. Co-tunneling effect on single electron circuits. , 2015, , .		1
188	Analysis of rare events effect on single-electronics simulation based on orthodox theory. Journal of Computational Electronics, 2015, 14, 604-610.	1.3	6
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