El-Sayed M El-Rabaie

List of Publications by Year
in descending order

277 papers	2,639 citations	279487 23 h-index	344852 36 g-index
282 all docs	282 docs citations	282 times ranked	1578 citing authors

#	Article	IF	Citations
1	Proposed relay selection scheme for physical layer security in cognitive radio networks. IET Communications, 2012, 6, 2676-2687.	1.5	130
2	Effect of NiO NPs doping on the structure and optical properties of PVC polymer films. Polymer Bulletin, 2019, 76, 4769-4784.	1.7	103
3	Speech enhancement with an adaptive Wiener filter. International Journal of Speech Technology, 2014, 17, 53-64.	1.4	71
4	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
5	A Comprehensive Survey Analysis for Present Solutions of Medical Image Fusion and Future Directions. IEEE Access, 2021, 9, 11358-11371.	2.6	59
6	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
7	Security of 3D-HEVC transmission based on fusion and watermarking techniques. Multimedia Tools and Applications, 2019, 78, 27211-27244.	2.6	49
8	HEVC Selective Encryption Using RC6 Block Cipher Technique. IEEE Transactions on Multimedia, 2018, 20, 1636-1644.	5.2	45
9	Efficient chaotic-based image cryptosystem with different modes of operation. Multimedia Tools and Applications, 2020, 79, 20665-20687.	2.6	45
10	Efficient SVD-based audio watermarking technique in FRT domain. Multimedia Tools and Applications, 2020, 79, 5617-5648.	2.6	44
11	Image Encryption. , 0, , .		44
12	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
13	Cancellable face recognition based on fractional-order Lorenz chaotic system and Haar wavelet fusion. , 2021, 116, 103103.		39
14	High security data hiding using image cropping and LSB least significant bit steganography. , 2016, , .		38
15	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
16	Robust hybrid watermarking techniques for different color imaging systems. Multimedia Tools and Applications, 2018, 77, 25709-25759.	2.6	37
17	Image fusion based on principal component analysis and high-pass filter. , 2009, , .		36
18	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

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19	Efficient hybrid watermarking schemes for robust and secure <scp>3D‑MVC</scp> communication. International Journal of Communication Systems, 2018, 31, e3478.	1.6	34
20	A statistical framework for EEG channel selection and seizure prediction on mobile. International Journal of Speech Technology, 2019, 22, 191-203.	1.4	33
21	Non-linear optical and electrical properties of germanate glasses. Physica B: Condensed Matter, 2013, 429, 1-5.	1.3	32
22	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
23	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
24	Efficient multi-level security for robust 3D color-plus-depth HEVC. Multimedia Tools and Applications, 2018, 77, 30911-30937.	2.6	29
25	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
26	The glass transition temperature and infrared absorption spectra of: $(70−x)TeO_2+15B_2O_3+15P_2O_5+xLi_2O$ glasses. Journal of Non-Crystalline Solids, 2008, 354, 1460-1466.	1.5	28
27	An Efficient Technique for OFDM System Using Discrete Wavelet Transform. Lecture Notes in Computer Science, 2010, , 533-541.	1.0	27
28	Efficient HEVC selective stream encryption using chaotic logistic map. Multimedia Systems, 2018, 24, 419-437.	3.0	26
29	Efficient Transmission of Encrypted Images with OFDM in the Presence of Carrier Frequency Offset. Wireless Personal Communications, 2015, 84, 475-521.	1.8	24
30	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
31	Ultracompact ultrafast-switching-speed all-optical $4≈×≈2$ encoder based on photonic crystal. Journal of Computational Electronics, 2019, 18, 279-292.	1.3	24
32	Efficient implementation of optical scanning holography in cancelable biometrics. Applied Optics, 2021, 60, 3659.	0.9	24
33	A New Method for Encrypting Images with Few Details Using Rijndael and RC6 Block Ciphers in the Electronic Code Book Mode. Information Security Journal, 2012, 21, 193-205.	1.3	23
34	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
35	Speaker identification based on normalized pitch frequency and Mel Frequency Cepstral Coefficients. International Journal of Speech Technology, 2018, 21, 941-951.	1.4	23
36	Fluorescence and dielectric spectroscopy identification of polyvinyl chloride/NiO nanocomposites. Journal of Molecular Structure, 2020, 1212, 128162.	1.8	23

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37	Harmonic balance evaluation of nonlinear microwave circuits-a tutorial approach. IEEE Transactions on Education, 1988, 31, 181-192.	2.0	22
38	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
39	3-D Image Encryption Based on Rubik's Cube and RC6 Algorithm. 3D Research, 2017, 8, 1.	1.8	22
40	Efficient audio cryptosystem based on chaotic maps and double random phase encoding. International Journal of Speech Technology, 2015, 18, 619-631.	1.4	21
41	Robust and secure fractional wavelet image watermarking. Signal, Image and Video Processing, 2015, 9, 89-98.	1.7	21
42	Feature Selection Ranking and Subset-Based Techniques with Different Classifiers for Intrusion Detection. Wireless Personal Communications, 2020, 111, 375-393.	1.8	21
43	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
44	Deep convolutional neural networks for <scp>COVID‑19</scp> automatic diagnosis. Microscopy Research and Technique, 2021, 84, 2504-2516.	1.2	19
45	CABAC-based selective encryption for HEVC using RC6 in different operation modes. Multimedia Tools and Applications, 2018, 77, 28395-28416.	2.6	18
46	Efficient anomaly detection from medical signals and images. International Journal of Speech Technology, 2019, 22, 739-767.	1.4	18
47	Chaotic Interleaving for Robust Image Transmission with LDPC Coded OFDM. Wireless Personal Communications, 2014, 79, 2141-2154.	1.8	17
48	Compositional dependence thermal and optical properties of a novel germanate glass. Physica B: Condensed Matter, 2014, 432, 40-44.	1.3	17
49	Automatic Modulation Recognition in Wireless Multi-carrier Wireless Systems with Cepstral Features. Wireless Personal Communications, 2015, 81, 1243-1288.	1.8	17
50	The effects of biasing and harmonic loading on mesfet tripler performance. Microwave and Optical Technology Letters, 1995, 9, 189-194.	0.9	16
51	C42. PAPR reduction for LFDMA using a reduced complexity PTS scheme. , 2012, , .		16
52	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
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	PbTe quantum dots formation in a novel germanate glass. Journal of Alloys and Compounds, 2014, 594, 102-106.	2.8	15

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55	Block-based SVD image watermarking in spatial and transform domains. International Journal of Electronics, 2015, 102, 1091-1113.	0.9	15
56	Novel PbSe nanocrystals doped fluorogermanate glass matrix. Materials Science in Semiconductor Processing, 2015, 34, 88-92.	1.9	15
57	Energy‐efficient routing protocol based on sink mobility for wireless sensor networks. IET Wireless Sensor Systems, 2019, 9, 405-415.	1.3	15
58	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
59	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
60	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
61	Satellite image fusion based on principal component analysis and high-pass filtering. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2010, 27, 1385.	0.8	13
62	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
63	Fusion-based encryption scheme for cancelable fingerprint recognition. Multimedia Tools and Applications, 2019, 78, 27351-27381.	2.6	13
64	Comparative Study between Different Image Fusion Techniques Applied on Biomedical Images. , 2021, , .		13
65	Systematic DC/small-signal/large-signal analysis of heterojunction bipolar transistors using a new consistent nonlinear model. IEEE Transactions on Microwave Theory and Techniques, 1996, 44, 233-241.	2.9	12
66	Efficient pan-sharpening of satellite images with the contourlet transform. International Journal of Remote Sensing, 2014, 35, 1979-2002.	1.3	12
67	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
68	Medical Image Fusion Based on Weighted Least Square Optimization and Deep Learning Algorithm. , 2021, , .		12
69	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
70	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
71	An accurate model of domain-wall-based spintronic memristor. The Integration VLSI Journal, 2019, 65, 149-162.	1.3	11
72	A high precision write/read circuits for memristors using digital input/output interfaces. Microelectronics Journal, 2020, 96, 104694.	1.1	11

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73	A statistical framework for breast tumor classification from ultrasonic images. Multimedia Tools and Applications, 2021, 80, 5977-5996.	2.6	11
74	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
75	Deep‐learning‐based seizure detection and prediction from electroencephalography signals. International Journal for Numerical Methods in Biomedical Engineering, 2022, 38, e3573.	1.0	11
76	Hybrid classification structures for automatic COVID-19 detection. Journal of Ambient Intelligence and Humanized Computing, 2022, 13, 4477-4492.	3.3	11
77	Synthesis and characterization of CdS nanocrystals embedded in germanate glasses. Applied Nanoscience (Switzerland), 2014, 4, 219-226.	1.6	10
78	MolCom system with downlink/uplink biocyber interface for Internet of Bio‐NanoThings. International Journal of Communication Systems, 2020, 33, e4171.	1.6	10
79	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
80	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
81	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
82	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
83	A Reflectarray with Octagonal Unit Cells for 5-G Applications. Wireless Personal Communications, 2017, 97, 2999-3016.	1.8	9
84	3D non-stationary vehicle-to-vehicle MIMO channel model for 5G millimeter-wave communications. , 2019, 95, 102580.		9
85	Companding techniques for SC-FDMA and sensor network applications. International Journal of Electronics Letters, 2020, 8, 241-255.	0.7	9
86	Speaker recognition based on pre-processing approaches. International Journal of Speech Technology, 2020, 23, 435-442.	1.4	9
87	Efficient Frameworks for EEG Epileptic Seizure Detection and Prediction. Annals of Data Science, 0, , 1.	1.7	9
88	A novel approach for the large signal analysis and optimisation of microwave frequency doublers. , 0, , .		8
89	EFFICIENT DETECTION OF LANDMINES FROM ACOUSTIC IMAGES. Progress in Electromagnetics Research C, 2009, 6, 79-92.	0.6	8
90	Optimal Power Allocation for Sensing-Based Spectrum Sharing in MIMO Cognitive Relay Networks. Wireless Personal Communications, 2015, 82, 2695-2707.	1.8	8

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91	Single layer polarization independent reflectarray antenna for future 5G cellular applications. , 2015, , .		8
92	Optimized delay threshold scheduler for multimedia traffic over LTE downlink network. Multimedia Tools and Applications, 2019, 78, 15507-15525.	2.6	8
93	A Proposed Efficient Hybrid Precoding Algorithm for Millimeter Wave Massive MIMO 5G Networks. Wireless Personal Communications, 2020, 112, 149-167.	1.8	8
94	Hilbert Transform and Statistical Analysis for Channel Selection and Epileptic Seizure Prediction. Wireless Personal Communications, 2021, 116, 3371-3395.	1.8	8
95	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
96	Study the effect of PAPR on wideband cognitive OFDM radio networks. Telecommunication Systems, 2013, 53, 469-478.	1.6	7
97	Mechanical, microstructure and electrical properties of ternary ZnOâ€"V2O5â€"Mn3O4 varistor with sintering temperature. Bulletin of Materials Science, 2015, 38, 773-781.	0.8	7
98	Read disturbance and temperature variation aware spintronic memristor model. , 2016, , .		7
99	Mobility Based Genetic Algorithm Hierarchical Routing Protocol in Mobile Wireless Sensor Networks. , 2018, , .		7
100	Efficient SVD speech watermarking with encrypted images. International Journal of Speech Technology, 2018, 21, 953-965.	1.4	7
101	Efficient Techniques for Attack Detection Using Different Features Selection Algorithms and Classifiers. Wireless Personal Communications, 2018, 100, 1689-1706.	1.8	7
102	Proposed enhanced hybrid framework for efficient 3D-MVC and 3D-HEVC wireless communication. Multimedia Tools and Applications, 2019, 78, 14173-14193.	2.6	7
103	Image deconvolution using homomorphic technique. Signal, Image and Video Processing, 2019, 13, 703-709.	1.7	7
104	Text-dependent and text-independent speaker recognition of reverberant speech based on CNN. International Journal of Speech Technology, 2021, 24, 993.	1.4	7
105	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
106	Efficient Technique for Sidelobe Suppression and PAPR Reduction in OFDM-Based Cognitive Radios. Wireless Personal Communications, 2015, 83, 215-230.	1.8	6
107	Analysis of rare events effect on single-electronics simulation based on orthodox theory. Journal of Computational Electronics, 2015, 14, 604-610.	1.3	6
108	Efficient 3D Watermarked Video Communication with Chaotic Interleaving, Convolution Coding, and LMMSE Equalization. 3D Research, 2017, 8, 1.	1.8	6

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109	Joint Nodes and Sink Mobility Based Immune Routing-Clustering Protocol for Wireless Sensor Networks. Wireless Personal Communications, 2021, 118, 1189-1210.	1.8	6
110	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
111	A hybrid encryption framework based on Rubik's cube for cancelable biometric cyber security applications. Optik, 2022, 258, 168773.	1.4	6
112	Enhancement of DRAMs performance using resonant tunneling diode buffer. , 2014, , .		5
113	An efficient MAI cancellation technique in Optical CDMA. Optik, 2014, 125, 2995-3000.	1.4	5
114	Efficient Image Communication in PAPR Distortion Cases. Wireless Personal Communications, 2015, 83, 2773-2834.	1.8	5
115	OSIC-Based SD MIMO Detection Algorithm for LTE-A Downlink Physical Layer. Wireless Personal Communications, 2015, 80, 751-768.	1.8	5
116	A hybrid scheme for robust color image watermarking using DSWT in DCT domain. , 2016, , .		5
117	Second-Order Statistics Channel Model for 5G Millimeter-Wave Mobile Communications. Arabian Journal for Science and Engineering, 2018, 43, 2833-2842.	1.7	5
118	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
119	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
120	The Effect of Different Surface Grating Shapes on Thin Film Solar Cell Efficiency. , 2019, , .		5
121	Bacterial classification with convolutional neural networks based on different data reduction layers. Nucleosides, Nucleotides and Nucleic Acids, 2020, 39, 493-503.	0.4	5
122	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
123	Memristor Overview up to 2015. Menoufia Journal of Electronic Engineering Research, 2015, 24, 79-106.	0.3	5
124	A new approach for small-signal modelling of the field effect transistor based on cepstral coefficients and discrete transforms. International Journal of Electronics, 2011, 98, 379-391.	0.9	4
125	C35. Wavelet-based SC-FDMA system. , 2012, , .		4
126	Combining Superresolution and Fusion Methods for Sharpening Misrsat-1 Data. IEEE Transactions on Geoscience and Remote Sensing, 2013, 51, 2292-2301.	2.7	4

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127	Optimizing the performance of branch-line couplers using open ended stubs. , 2013, , .		4
128	Relay-based throughput maximization in multiple antennas cognitive radio networks. , 2014, , .		4
129	Service Enhancement for User Equipments in LTE-A Downlink Physical Layer Network. Wireless Personal Communications, 2015, 83, 149-161.	1.8	4
130	Resource allocation for Real-Time services using Earliest Due Date mechanism in LTE networks. , 2016, , .		4
131	Efficient color image watermarking using homomorphic based SVD in DWT domain. , 2016, , .		4
132	DRPE Encryption with Chaotic Interleaving for Video Communication. Wireless Personal Communications, 2017, 97, 1373-1384.	1.8	4
133	Area-efficient read/write circuit for spintronic memristor based memories. , 2017, , .		4
134	Transmission of nanoscale information-based neural communication-aware ligand–receptor interactions. Neural Computing and Applications, 2018, 30, 3509-3522.	3.2	4
135	Proposed dynamic error control techniques for QoS improvement of wireless 3D video transmission. International Journal of Communication Systems, 2018, 31, e3563.	1.6	4
136	DNA Sequences Classification with Deep Learning: A Survey. Menoufia Journal of Electronic Engineering Research, 2021, 30, 41-51.	0.3	4
137	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
138	Efficient Clustering based Genetic Algorithm in Mobile Wireless Sensor Networks. Menoufia Journal of Electronic Engineering Research, 2021, 30, 1-12.	0.3	4
139	Comparative Study of Video Compression Techniques. Menoufia Journal of Electronic Engineering Research, 2018, 27, 1-32.	0.3	4
140	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
141	Multilevel Security for Relational Databases. , 0, , .		4
142	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
143	FET SMALL SIGNAL MODELLING BASED ON THE DST AND MEL FREQUENCY CEPSTRAL COEFFICIENTS. Progress in Electromagnetics Research B, 2009, 18, 185-204.	0.7	3
144	FET SMALL-SIGNAL MODELING USING MEL-FREQUENCY CEPSTRAL COEFFICIENTS AND THE DISCRETE COSINE TRANSFORM. Journal of Circuits, Systems and Computers, 2010, 19, 1835-1846.	1.0	3

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145	Encryption-based multilevel model for DBMS. Computers and Security, 2012, 31, 437-446.	4.0	3
146	Multiple access interference cancelation technique in optical CDMA systems. Photonic Network Communications, 2013, 26, 74-83.	1.4	3
147	Complex Envelope Second-Order Statistics in High-Altitude Platforms Communication Channels. Wireless Personal Communications, 2014, 77, 2517-2535.	1.8	3
148	Utilization of discrete transforms to conquer the problems of multi-tone systems. Journal of the Franklin Institute, 2014, 351, 1778-1800.	1.9	3
149	Polarization insensitive Ka-band reflectarray antenna. , 2015, , .		3
150	Signal detection enhancement in LTE-A downlink physical layer using OSIC-based K-Best algorithm. Physical Communication, 2015, 14, 24-31.	1.2	3
151	Aspects of nanoscale information transmission in nanonetworks-based molecular communication. , 2016, , .		3
152	Infrared image enhancement based on both Histogram matching and wavelet fusion. , 2016, , .		3
153	Enhanced digital predistorter based on normalized least mean square and particle swarm optimization algorithms. , 2017, , .		3
154	Ultra-High Bit Rate All-Optical Half Subtractor Based on Photonic Crystal. , 2019, , .		3
155	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
156	Single- and double-beam reflectarrays for Ka band communication. Sadhana - Academy Proceedings in Engineering Sciences, 2019, 44, 1.	0.8	3
157	All-Optical D-Flip Flop with Multi-Wavelength Operation Based on Photonic Crystal. , 2019, , .		3
158	Sensitivity Analysis of a Class of Iris Localization Algorithms to Blurring Effect. Wireless Personal Communications, 2019, 104, 269-286.	1.8	3
159	Effective multi-stage error control algorithms for robust 3D video transmission over wireless networks. Wireless Networks, 2019, 25, 1619-1640.	2.0	3
160	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
161	Efficient signal and protocol level security for network communication. International Journal of Speech Technology, 2020, 23, 399-424.	1.4	3
162	Efficient security framework for reliable wireless 3D video transmission. Multidimensional Systems and Signal Processing, 2022, 33, 181-221.	1.7	3

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163	Performance Study of HEVC and H.264 Video Coding Standards. Menoufia Journal of Electronic Engineering Research, 2018, 27, 237-260.	0.3	3
164	Efficient Molecular Communication Protocol based on Mobile Ad-hoc Nanonetwork. Menoufia Journal of Electronic Engineering Research, 2017, 26, 427-443.	0.3	3
165	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
166	Embedded Nano Relay for Intra-Body Network-Based Molecular Communications. Wireless Personal Communications, 0, , .	1.8	3
167	Video quality enhancement using recursive deep residual learning network. Signal, Image and Video Processing, 2023, 17, 257-265.	1.7	3
168	Applying the controlled aliasing technique for fast prediction of the output response of nonlinear circuits driven by composite signals. IET Circuits, Devices and Systems, 1994, 141, 65.	0.6	2
169	A new diffusion mechanism for data encryption in the ECB mode. , 2009, , .		2
170	Wavelet-based image interpolation with a least squares algorithm. , 2010, , .		2
171	Sharpening Misrsat-1 data using Super-Resolution and HPF fusion methods. , 2011, , .		2
172	Realization of metamaterial zeroth-order resonators based on MIM capacitor. , 2012, , .		2
173	D4. Monte Carlo simulation of single electronics based on orthodox theory. , 2012, , .		2
174	Light wave transmission through free space using atmospheric laser links with adaptive equalization. Optical Engineering, 2013, 52, 077102.	0.5	2
175	Blind separation of noisy images using finite Ridgelet Transform and wavelet de-noising. , 2013, , .		2
176	Images cryptosystem based on chaotic maps for databases security. , 2013, , .		2
177	Design and simulation of microwave diplexer based on D-CRLH metamaterials. , 2014, , .		2
178	An efficient designed prototype technique for OFDM PAPR reduction using FPGA. International Journal of Communication Systems, 2014, 27, 1491-1504.	1.6	2
179	A high speed low power reading scheme in DRAMs using Resonant Tunneling Diode. , 2015, , .		2
180	Capacity enhanced scheduler for LTE downlink system based on PF algorithm. , 2016, , .		2

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181	Resolution enhancement of images for further pattern recognition applications. Optik, 2016, 127, 484-492.	1.4	2
182	Improving the Performance of the Digital Predistorter Based on Sample Reuse- Rls Algorithm. , 2018, , .		2
183	Sum of Sinusoids Simulator for Millimeter Wave Channel Model Towards 5G Networks. Wireless Personal Communications, 2018, 103, 2125-2135.	1.8	2
184	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
185	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
186	Proactive discovery protocol with security enhancement for D2D communication system. Multimedia Tools and Applications, 2021, 80, 5047-5066.	2.6	2
187	Survey on Ultra-Dense Networks (UDNs) and Applied Stochastic Geometry. Wireless Personal Communications, 2021, 119, 2345-2404.	1.8	2
188	Noise reduction in optical gyroscope signals based on hybrid approaches. Journal of Optics (India), 2022, 51, 5-21.	0.8	2
189	A Chaotic Image Encryption Algorithm Based on Rubikâ€™s Cube Principle for Wireless Communication. Menoufia Journal of Electronic Engineering Research, 2018, 27, 151-164.	0.3	2
190	Medical Image Segmentation Techniques, a Literature Review, and Some Novel Trends. Menoufia Journal of Electronic Engineering Research, 2018, 27, 23-58.	0.3	2
191	Comb Filter Approach for Cancelable Face and Fingerprints Recognition. Menoufia Journal of Electronic Engineering Research, 2019, 28, 89-94.	0.3	2
192	Cancelable Fingerprint Recognition based on Encrypted Convolution Kernel in Different Domains. Menoufia Journal of Electronic Engineering Research, 2020, 29, 133-142.	0.3	2
193	Comparison of computational methods for MESFET intermodulation characteristics. , 0, , .		1
194	Modelling DC characteristics of GaAs MESFET devices using a simple and accurate analytic tool. Electronics Letters, 1990, 26, 1892.	0.5	1
195	Novel and accurate compact DC model of GaAs MESFET for large-signal computer calculations. Electronics Letters, 1991, 27, 609.	0.5	1
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