

Fathi E Abd El-Samie

List of Publications by Year in descending order

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309
papers

4,142
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172207

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times ranked

2377
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	Efficient chaotic-Baker-map-based cancelable face recognition. Journal of Ambient Intelligence and Humanized Computing, 2023, 14, 1837-1875.	3.3	4
3	Wireless modulation classification based on Radon transform and convolutional neural networks. Journal of Ambient Intelligence and Humanized Computing, 2023, 14, 6263-6272.	3.3	8
4	Video quality enhancement using recursive deep residual learning network. Signal, Image and Video Processing, 2023, 17, 257-265.	1.7	3
5	Efficient deep learning approach for augmented detection of Coronavirus disease. Neural Computing and Applications, 2022, 34, 11423-11440.	3.2	134
6	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
7	COVID-19 classification using deep feature concatenation technique. Journal of Ambient Intelligence and Humanized Computing, 2022, 13, 2025-2043.	3.3	40
8	Multimodal biometric authentication based on deep fusion of electrocardiogram (ECG) and finger vein. Multimedia Systems, 2022, 28, 1325-1337.	3.0	18
9	Efficient security framework for reliable wireless 3D video transmission. Multidimensional Systems and Signal Processing, 2022, 33, 181-221.	1.7	3
10	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
11	An efficient cybersecurity framework for facial video forensics detection based on multimodal deep learning. Neural Computing and Applications, 2022, 34, 1251-1268.	3.2	5
12	Cancelable biometric security system based on advanced chaotic maps. Visual Computer, 2022, 38, 2171-2187.	2.5	25
13	An efficient multimedia compression-encryption scheme using latin squares for securing Internet-of-things networks. Journal of Information Security and Applications, 2022, 64, 103039.	1.8	5
14	Convolutional neural network model for spectrum sensing in cognitive radio systems. International Journal of Communication Systems, 2022, 35, e5072.	1.6	3
15	Deep learning-based seizure detection and prediction from electroencephalography signals. International Journal for Numerical Methods in Biomedical Engineering, 2022, 38, e3573.	1.0	11
16	Seamless Handover Scheme for MEC/SDN-Based Vehicular Networks. Journal of Sensor and Actuator Networks, 2022, 11, 9.	2.3	12
17	Deploying Machine Learning Techniques for Human Emotion Detection. Computational Intelligence and Neuroscience, 2022, 2022, 1-16.	1.1	34
18	Cancelable electrocardiogram biometric system based on chaotic encryption using 3D logistic map for biometric-based cloud services. Security and Privacy, 2022, 5, .	1.9	6

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19	Efficient multimodal deep-learning-based COVID-19 diagnostic system for noisy and corrupted images. Journal of King Saud University - Science, 2022, 34, 101898.	1.6	11
20	Three-Dimensional Video Super-Resolution Reconstruction Scheme Based on Histogram Matching and Recursive Bayesian Algorithms. IEEE Access, 2022, 10, 41935-41951.	2.6	3
21	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
22	Hybrid classification structures for automatic COVID-19 detection. Journal of Ambient Intelligence and Humanized Computing, 2022, 13, 4477-4492.	3.3	11
23	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
24	Efficient Generation of Cancelable Face Templates Based on Quantum Image Hilbert Permutation. Electronics (Switzerland), 2022, 11, 1040.	1.8	5
25	Burst Channel Error Reduction Based on Interleaving for Efficient High-Speed Wireless Communication. Applied Sciences (Switzerland), 2022, 12, 3500.	1.3	3
26	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
27	All-Pass Filters as a Low-Complexity PAPR Reduction Scheme for SC-FDMA System. Wireless Personal Communications, 2022, 124, 967-987.	1.8	1
28	Efficient compression processing of optically DCT-based DRPE encrypted images. Optical and Quantum Electronics, 2022, 54, 1.	1.5	5
29	A hybrid encryption framework based on Rubik's cube for cancelable biometric cyber security applications. Optik, 2022, 258, 168773.	1.4	6
30	Secure audio signal transmission based on color image watermarking. Security and Privacy, 2022, 5, .	1.9	0
31	Proposed Approaches for Cooperative Cognitive Radio. Multimedia Tools and Applications, 2022, 81, 5645-5668.	2.6	2
32	A Cancelable Biometric Security Framework Based on RNA Encryption and Genetic Algorithms. IEEE Access, 2022, 10, 55933-55957.	2.6	5
33	A Cancelable Biometric Approach for Efficient Identification of Speakers from Encrypted Speech. Wireless Personal Communications, 2022, 124, 1899-1921.	1.8	1
34	A hybrid bandwidth allocation algorithm for EPON-WiMAX integrated networks based on auction process. Optical and Quantum Electronics, 2022, 54, .	1.5	1
35	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
36	Ensemble Machine Learning Techniques Using Computer Simulation Data for Wild Blueberry Yield Prediction. IEEE Access, 2022, 10, 64671-64687.	2.6	17

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37	Efficient object tracking using hierarchical convolutional features model and correlation filters. <i>Visual Computer</i> , 2021, 37, 831-842.	2.5	21
38	Non-linear equalisation and CFO compensation for MIMO-OFDM communication systems based on DWT. <i>International Journal of Electronics</i> , 2021, 108, 115-138.	0.9	5
39	A survey on online learning for visual tracking. <i>Visual Computer</i> , 2021, 37, 993-1014.	2.5	43
40	A statistical framework for breast tumor classification from ultrasonic images. <i>Multimedia Tools and Applications</i> , 2021, 80, 5977-5996.	2.6	11
41	A novel cancellable Iris template generation based on salting approach. <i>Multimedia Tools and Applications</i> , 2021, 80, 3703-3727.	2.6	10
42	Survey study of multimodality medical image fusion methods. <i>Multimedia Tools and Applications</i> , 2021, 80, 6369-6396.	2.6	36
43	Encryption of ECG signals for telemedicine applications. <i>Multimedia Tools and Applications</i> , 2021, 80, 10679-10703.	2.6	31
44	Visual tracking using convolutional features with sparse coding. <i>Artificial Intelligence Review</i> , 2021, 54, 3349-3360.	9.7	3
45	A Hybrid Model Combining Learning Distance Metric and DAG Support Vector Machine for Multimodal Biometric Recognition. <i>IEEE Access</i> , 2021, 9, 4784-4796.	2.6	14
46	Classification of retinal images based on convolutional neural network. <i>Microscopy Research and Technique</i> , 2021, 84, 394-414.	1.2	44
47	A Comprehensive Survey Analysis for Present Solutions of Medical Image Fusion and Future Directions. <i>IEEE Access</i> , 2021, 9, 11358-11371.	2.6	59
48	Hilbert Transform and Statistical Analysis for Channel Selection and Epileptic Seizure Prediction. <i>Wireless Personal Communications</i> , 2021, 116, 3371-3395.	1.8	8
49	Efficient communication and EEG signal classification in wavelet domain for epilepsy patients. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2021, 12, 9193-9208.	3.3	10
50	Simultaneous Enhancement and Watermarking of Speech Signals. <i>International Journal of Speech Technology</i> , 2021, 24, 219-234.	1.4	0
51	Deep Learning Modalities for Biometric Alteration Detection in 5G Networks-Based Secure Smart Cities. <i>IEEE Access</i> , 2021, 9, 94780-94788.	2.6	30
52	Efficient and Secure Bit-Level Chaos Security Algorithm for Orbital Angular Momentum Modulation in Free-Space Optical Communications. <i>IEEE Access</i> , 2021, 9, 74817-74835.	2.6	7
53	A novel approach for ear recognition: learning Mahalanobis distance features from deep CNNs. <i>Machine Vision and Applications</i> , 2021, 32, 1.	1.7	18
54	Biosignal classification for human identification based on convolutional neural networks. <i>International Journal of Communication Systems</i> , 2021, 34, e4685.	1.6	15

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55	Hybrid Detection for Cooperative Cognitive Radio Using AWT and HDWT. <i>Wireless Personal Communications</i> , 2021, 118, 2151-2174.	1.8	4
56	Performance improvement of data transmission using a hybrid underwater and terrestrial system. <i>Transactions on Emerging Telecommunications Technologies</i> , 2021, 32, e4247.	2.6	2
57	Robust medical image encryption based on DNA-chaos cryptosystem for secure telemedicine and healthcare applications. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2021, 12, 9007-9035.	3.3	64
58	Spectrum measurement and utilization in an outdoor 5a€GHz Wiã€Fi network using cooperative cognitive radio system. <i>International Journal of Communication Systems</i> , 2021, 34, e4774.	1.6	2
59	Efficient implementation of optical scanning holography in cancelable biometrics. <i>Applied Optics</i> , 2021, 60, 3659.	0.9	24
60	Hybrid pixel-feature fusion system for multimodal medical images. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2021, 12, 6001-6018.	3.3	9
61	PPG-based human identification using Mel-frequency cepstral coefficients and neural networks. <i>Multimedia Tools and Applications</i> , 2021, 80, 26001.	2.6	23
62	COVID-19 Classification Based on Deep Convolution Neural Network Over a Wireless Network. <i>Wireless Personal Communications</i> , 2021, 120, 1543-1563.	1.8	3
63	A survey of traditional and advanced automatic modulation classification techniques, challenges, and some novel trends. <i>International Journal of Communication Systems</i> , 2021, 34, e4762.	1.6	21
64	Utilization of image interpolation and fusion in brain tumor segmentation. <i>International Journal for Numerical Methods in Biomedical Engineering</i> , 2021, 37, e3449.	1.0	19
65	Deep convolutional neural networks for <scp>COVIDã€19</scp> automatic diagnosis. <i>Microscopy Research and Technique</i> , 2021, 84, 2504-2516.	1.2	19
66	Optimized twoã€level scheduler for video traffic in LTE downlink framework. <i>International Journal of Communication Systems</i> , 2021, 34, e4704.	1.6	1
67	Text-dependent and text-independent speaker recognition of reverberant speech based on CNN. <i>International Journal of Speech Technology</i> , 2021, 24, 993.	1.4	7
68	Hybrid swarm optimization algorithm based on task scheduling in a cloud environment. <i>International Journal of Communication Systems</i> , 2021, 34, e4694.	1.6	3
69	Polynomial FLANN Classifier for Fetal Cardiotocography Monitoring. , 2021, , .		2
70	COVID-19 Diagnosis Using X-ray Images Based on Convolutional Neural Networks. , 2021, , .		1
71	An Efficient Algorithm for Cancelable Biometric Recognition Based on Noise Magnification. , 2021, , .		0
72	Non-Exhaustive Search Method for Fractal Image Compression. , 2021, , .		1

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73	An Efficient Intrusion Detection System for SDN using Convolutional Neural Network. , 2021, , .		2
74	Design of IoT based Physical Protection System for Nuclear Facility. , 2021, , .		0
75	Efficient Comb-based Filter for Cancelable Speaker Identification System. , 2021, , .		2
76	Compressed Sensing for SAR Image Reconstruction. , 2021, , .		6
77	Hybrid Method for Contrast Enhancement of Industrial Videoscope Images. , 2021, , .		1
78	Cancelable Biometric System for face Recognition Based on a Regularized Restoration Model. , 2021, , .		1
79	Implementation of Network Attack Detection using Convolutional Neural Network. , 2021, , .		2
80	Fuzzy Enhancement Technique of Face Images. , 2021, , .		1
81	Performance Analysis of Adaptive Channel Estimation for Wireless Optical Communication Systems. , 2021, , .		0
82	Design and Implementation of Needle Steering System. , 2021, , .		1
83	Optimum model selection and statistical analysis for DNA sequences. Nucleosides, Nucleotides and Nucleic Acids, 2021, 40, 808-820.	0.4	0
84	Deep learning for wireless modulation classification based on discrete wavelet transform. International Journal of Communication Systems, 2021, 34, e4980.	1.6	2
85	Cancellable face recognition based on fractional-order Lorenz chaotic system and Haar wavelet fusion. , 2021, 116, 103103.		39
86	A survey of 5G millimeter wave, massive multipleâ€œinput multipleâ€œoutput, and vehicleâ€œtoâ€œvehicle channel measurements and models. International Journal of Communication Systems, 2021, 34, e4830.	1.6	4
87	Performance Analysis of 3D Video Transmission Over Deep-Learning-Based Multi-Coded N-ary Orbital Angular Momentum FSO System. IEEE Access, 2021, 9, 110116-110136.	2.6	6
88	On the performance of joint lowâ€œcomplexity equalization and CFO compensation for SISOâ€œOFDM communication systems with chaotic interleaving and DCT. International Journal of Communication Systems, 2021, 34, e4585.	1.6	3
89	Simultaneous speaker identification and watermarking. International Journal of Speech Technology, 2021, 24, 205-218.	1.4	1
90	Blind signal separation with Noise Reduction for efficient speaker identification. International Journal of Speech Technology, 2021, 24, 235-250.	1.4	2

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91	Adaptive Polynomial Method for Solving Third-Order ODE With Application in Thin Film Flow. IEEE Access, 2021, 9, 67874-67889.	2.6	2
92	Proposal of Hybrid NOAM-MPPM Technique for Gamma-Gamma Turbulence Channel with Pointing Error and Different Deep Learning Techniques. IEEE Access, 2021, , 1-1.	2.6	3
93	Secure Health Monitoring Communication Systems Based on IoT and Cloud Computing for Medical Emergency Applications. Computational Intelligence and Neuroscience, 2021, 2021, 1-23.	1.1	40
94	A Novel Iris Cryptosystem Using Elliptic Curve Cryptography. , 2021, , .		0
95	Control of Robot Arm Based on EOG Signals. , 2021, , .		1
96	Efficient Cancelable Iris Recognition Scheme Based on Modified Logistic Map. Proceedings of the National Academy of Sciences India Section A - Physical Sciences, 2020, 90, 101-107.	0.8	12
97	Companding techniques for SC-FDMA and sensor network applications. International Journal of Electronics Letters, 2020, 8, 241-255.	0.7	9
98	Bacterial classification with convolutional neural networks based on different data reduction layers. Nucleosides, Nucleotides and Nucleic Acids, 2020, 39, 493-503.	0.4	5
99	Cancelable multi-biometric recognition system based on deep learning. Visual Computer, 2020, 36, 1097-1109.	2.5	22
100	Feature Selection Ranking and Subset-Based Techniques with Different Classifiers for Intrusion Detection. Wireless Personal Communications, 2020, 111, 375-393.	1.8	21
101	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
102	Efficient Classification of Optical Modulation Formats Based on Singular Value Decomposition and Radon Transformation. Journal of Lightwave Technology, 2020, 38, 619-631.	2.7	15
103	An embedding approach using orthogonal matrices of the singular value decomposition for image steganography. Multimedia Tools and Applications, 2020, 79, 7175-7191.	2.6	2
104	Enhancement of Infrared Images Using Super Resolution Techniques Based on Big Data Processing. Multimedia Tools and Applications, 2020, 79, 5671-5692.	2.6	5
105	Copy-Move Forgery Detection Based on Discrete and SURF Transforms. Wireless Personal Communications, 2020, 110, 503-530.	1.8	8
106	Cancelable Iris recognition system based on comb filter. Multimedia Tools and Applications, 2020, 79, 2521-2541.	2.6	13
107	An efficient deep learning model for classification of thermal face images. Journal of Enterprise Information Management, 2020, ahead-of-print, .	4.4	6
108	Deploying Machine and Deep Learning Models for Efficient Data-Augmented Detection of COVID-19 Infections. Viruses, 2020, 12, 769.	1.5	150

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109	Adaptive two-stage spectrum sensing model using energy detection and wavelet denoising for cognitive radio systems. International Journal of Communication Systems, 2020, 33, e4400.	1.6	3
110	Efficient HEVC Integrity Verification Scheme for Multimedia Cybersecurity Applications. IEEE Access, 2020, 8, 167069-167089.	2.6	36
111	Continuous phase modulation with chaotic interleaving for visible light communication systems based on orthogonal frequency division multiplexing. Transactions on Emerging Telecommunications Technologies, 2020, 31, e4100.	2.6	3
112	TanhR nonlinear companding scheme for UWA systems. International Journal of Electronics Letters, 2020, , 1-7.	0.7	1
113	Hardware Implementation of Cancellable Biometric Systems. , 2020, , .		1
114	Discrete Transforms and Matrix Rotation Based Cancelable Face and Fingerprint Recognition for Biometric Security Applications. Entropy, 2020, 22, 1361.	1.1	48
115	Fusion of deep-learned and hand-crafted features for cancelable recognition systems. Soft Computing, 2020, 24, 15189-15208.	2.1	17
116	Efficient chaotic-based image cryptosystem with different modes of operation. Multimedia Tools and Applications, 2020, 79, 20665-20687.	2.6	45
117	Satellite image fusion based on modified central force optimization. Multimedia Tools and Applications, 2020, 79, 21129-21154.	2.6	11
118	Joint low-complexity nonlinear equalization and carrier frequency offset compensation for multiple-input multiple-output orthogonal frequency division multiplexing communication systems. Transactions on Emerging Telecommunications Technologies, 2020, 31, e3874.	2.6	10
119	Registration-based change detection for SAR images. NRIAG Journal of Astronomy and Geophysics, 2020, 9, 106-115.	0.5	3
120	Efficiently Encrypting Color Images With Few Details Based on RC6 and Different Operation Modes for Cybersecurity Applications. IEEE Access, 2020, 8, 103200-103218.	2.6	33
121	Text-independent speaker recognition using LSTM-RNN and speech enhancement. Multimedia Tools and Applications, 2020, 79, 24013-24028.	2.6	34
122	Energy-Efficient Hybrid Framework for Green Cloud Computing. IEEE Access, 2020, 8, 115356-115369.	2.6	29
123	Speaker recognition based on pre-processing approaches. International Journal of Speech Technology, 2020, 23, 435-442.	1.4	9
124	Joint equalization and CFO compensation for performance enhancement of MIMO-OFDM communication systems using different transforms with banded-matrix approximation. AEU - International Journal of Electronics and Communications, 2020, 119, 153157.	1.7	10
125	A novel deep learning framework for copy-move forgery detection in images. Multimedia Tools and Applications, 2020, 79, 19167-19192.	2.6	49
126	Efficient Implementation of Homomorphic and Fuzzy Transforms in Random-Projection Encryption Frameworks for Cancellable Face Recognition. Electronics (Switzerland), 2020, 9, 1046.	1.8	23

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127	Efficient implementation of parametric spectral estimation techniques for DNA exon prediction. Nucleosides, Nucleotides and Nucleic Acids, 2020, 39, 1200-1221.	0.4	3
128	Modulation classification in the presence of adjacent channel interference using convolutional neural networks. International Journal of Communication Systems, 2020, 33, e4295.	1.6	10
129	Investigation of Chaotic Image Encryption in Spatial and FrFT Domains for Cybersecurity Applications. IEEE Access, 2020, 8, 42491-42503.	2.6	54
130	Efficient signal and protocol level security for network communication. International Journal of Speech Technology, 2020, 23, 399-424.	1.4	3
131	An efficient method for image forgery detection based on trigonometric transforms and deep learning. Multimedia Tools and Applications, 2020, 79, 18221-18243.	2.6	29
132	Equalization and blind CFO estimation for performance enhancement of OFDM communication systems using discrete cosine transform. International Journal of Communication Systems, 2020, 33, e3984.	1.6	17
133	Joint low-complexity equalization and CFO estimation and compensation for UWA-OFDM communication systems. International Journal of Communication Systems, 2020, 33, e3972.	1.6	14
134	A robust anomaly detection method using a constant false alarm rate approach. Multimedia Tools and Applications, 2020, 79, 12727-12750.	2.6	5
135	Performance enhancement of OFDM systems with lower-complexity using DST based on successive interference cancellation. , 2020, 102, 102739.		10
136	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
137	Cancelable face and fingerprint recognition based on the 3D jigsaw transform and optical encryption. Multimedia Tools and Applications, 2020, 79, 14053-14078.	2.6	36
138	Modified OFDM configurations with equalization and CFO compensation for performance enhancement of OFDM communication systems using symmetry of the Fourier transform. AEU - International Journal of Electronics and Communications, 2020, 126, 153247.	1.7	8
139	Free-space 16-ary orbital angular momentum coded optical communication system based on chaotic interleaving and convolutional neural networks. Applied Optics, 2020, 59, 6966.	0.9	12
140	Joint low-complexity equalisation and CFO compensation for DCT-OFDM communication systems based on SIC. IET Communications, 2020, 14, 3549-3559.	1.5	5
141	A Novel Semi-Dynamic Bandwidth Allocation Algorithm for the Integrated EPON and WiMAX Based on Auction Process. , 2020, , .		3
142	Histogram Processing for Quality Enhancement of Industrial Videoscope Images. , 2020, , .		0
143	Automated Fabric Defect Detection Using \hat{A} trous Wavelet Transform and Bollinger Band (BB). , 2020, , .		1
144	Prediction of Epileptic Seizures: A Statistical Approach with DCT Compression. , 2020, , .		2

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145	Power-Aware 3D UAV Placement for IoT Emergency Communications. , 2020, , .		1
146	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
147	A Modified Cancelable Biometrics Scheme Using Random Projection. Annals of Data Science, 2019, 6, 223-236.	1.7	27
148	Cancelable fusion-based face recognition. Multimedia Tools and Applications, 2019, 78, 31557-31580.	2.6	6
149	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
150	Digital pulse processing algorithm for neutron and gamma rays discrimination. Analog Integrated Circuits and Signal Processing, 2019, 101, 475-487.	0.9	7
151	Efficient anomaly detection from medical signals and images. International Journal of Speech Technology, 2019, 22, 739-767.	1.4	18
152	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
153	New multiple-input multiple-output-based filter bank multicarrier structure for cognitive radio networks. IET Communications, 2019, 13, 1514-1523.	1.5	5
154	Processing of Synthetic Aperture Radar Data Using Frequency Modulated Signals. Wireless Personal Communications, 2019, 107, 1061-1076.	1.8	0
155	Adaptive Soft Thresholding Based Energy Efficient Sensor Protocol for Wireless Sensor Networks. , 2019, , .		0
156	Hybridized classification approach for magnetic resonance brain images using gray wolf optimizer and support vector machine. Multimedia Tools and Applications, 2019, 78, 27983-28002.	2.6	9
157	Two Efficient Hybrid Methods for Enhancing Pan-Sharpness of Multi-spectral Images Transmitted from Satellite to Ground Stations. Journal of the Indian Society of Remote Sensing, 2019, 47, 1245-1255.	1.2	1
158	A real-time approach for automatic defect detection from PCBs based on SURF features and morphological operations. Multimedia Tools and Applications, 2019, 78, 34437-34457.	2.6	34
159	Trigonometric transforms and precoding strategies for OFDM-based uplink hybrid multi-carrier nonorthogonal multiple access. Transactions on Emerging Telecommunications Technologies, 2019, 30, e3694.	2.6	19
160	Throughput maximization for multimedia communication with cooperative cognitive radio using adaptively controlled sensing time. Multimedia Tools and Applications, 2019, 78, 34999-35025.	2.6	6
161	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
162	A statistical framework for EEG channel selection and seizure prediction on mobile. International Journal of Speech Technology, 2019, 22, 191-203.	1.4	33

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163	A Novel Speech Enhancement Method Using Fourier Series Decomposition and Spectral Subtraction for Robust Speaker Identification. <i>Wireless Personal Communications</i> , 2019, 108, 1055-1068.	1.8	14
164	Fusion-based encryption scheme for cancelable fingerprint recognition. <i>Multimedia Tools and Applications</i> , 2019, 78, 27351-27381.	2.6	13
165	Adaptively Controlled Cooperative Spectrum Sensing Using OR Fusion Rule for Throughput Maximization in Cognitive Radio. <i>Wireless Personal Communications</i> , 2019, 109, 2095-2105.	1.8	4
166	Effects of imperfect channel sensing and estimation on the performance of cognitive radio systems. <i>International Journal of Communication Systems</i> , 2019, 32, e4018.	1.6	0
167	Gait identification by convolutional neural networks and optical flow. <i>Multimedia Tools and Applications</i> , 2019, 78, 25873-25888.	2.6	21
168	Efficient underwater acoustic communication with peak-to-average power ratio reduction and channel equalization. <i>International Journal of Speech Technology</i> , 2019, 22, 649-696.	1.4	6
169	Pile-up correction algorithm for high count rate gamma ray spectroscopy. <i>Applied Radiation and Isotopes</i> , 2019, 151, 196-206.	0.7	12
170	An optimal wavelet-based multi-modality medical image fusion approach based on modified central force optimization and histogram matching. <i>Multimedia Tools and Applications</i> , 2019, 78, 26373-26397.	2.6	16
171	Improved joint algorithms for reliable wireless transmission of 3D color-plus-depth multi-view video. <i>Multimedia Tools and Applications</i> , 2019, 78, 9845-9875.	2.6	3
172	Blind coding classification in the presence of interference in MIMO systems using ML algorithm. <i>International Journal of Communication Systems</i> , 2019, 32, e3901.	1.6	0
173	Visual representation of DNA sequences for exon detection using non-parametric spectral estimation techniques. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2019, 38, 321-337.	0.4	5
174	An Adaptive Sensing Time Based on SNR for Spectrum Utilization Enhancement in Cognitive Radio. <i>Wireless Personal Communications</i> , 2019, 106, 307-319.	1.8	6
175	New and efficient blind detection algorithm for digital image forgery using homomorphic image processing. <i>Multimedia Tools and Applications</i> , 2019, 78, 21585-21611.	2.6	9
176	Equalization and carrier frequency offset compensation for UWA-OFDM communication systems based on the discrete sine transform. , 2019, 90, 142-149.		27
177	A Novel Pitch-Frequency-Based ECG Signal Classification Approach for Abnormality Detection. , 2019, , .		2
178	S-Transform-Based Electroencephalography Seizure Detection and Prediction. , 2019, , .		0
179	Medical Applications of Image Reconstruction Using Electromagnetic Field in Terahertz Frequency Range. , 2019, , .		2
180	Enhanced OFDM-NOMA for next generation wireless communication: A study of PAPR reduction and sensitivity to CFO and estimation errors. <i>AEU - International Journal of Electronics and Communications</i> , 2019, 102, 9-24.	1.7	52

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181	Sensitivity Analysis of a Class of Iris Localization Algorithms to Blurring Effect. <i>Wireless Personal Communications</i> , 2019, 104, 269-286.	1.8	3
182	Image deconvolution using homomorphic technique. <i>Signal, Image and Video Processing</i> , 2019, 13, 703-709.	1.7	7
183	Enhancement of IR images using histogram processing and the Undecimated additive wavelet transform. <i>Multimedia Tools and Applications</i> , 2019, 78, 11277-11290.	2.6	23
184	Effective multi-stage error control algorithms for robust 3D video transmission over wireless networks. <i>Wireless Networks</i> , 2019, 25, 1619-1640.	2.0	3
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