# Fathi E Abd El-Samie

List of Publications by Year
in descending order

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|---|---|---|---|
| 309 papers | 4,142 citations | 172207 29 h-index | 253896 43 g-index |
| 311 all docs | 311 docs citations | 311 times ranked | 2377 citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 1 | Deploying Machine and Deep Learning Models for Efficient Data-Augmented Detection of COVID-19 Infections. Viruses, 2020, 12, 769. | 1.5 | 150 |
| 2 | Efficient deep learning approach for augmented detection of Coronavirus disease. Neural Computing and Applications, 2022, 34, 11423-11440. | 3.2 | 134 |
| 3 | Performance Evaluation of SAC-OCDMA System in Free Space Optics and Optical Fiber System Based on Different Types of Codes. Wireless Personal Communications, 2017, 96, 2843-2861. | 1.8 | 83 |
| 4 | Speech enhancement with an adaptive Wiener filter. International Journal of Speech Technology, 2014, 17, 53-64. | 1.4 | 71 |
| 5 | An efficient singular value decomposition algorithm for digital audio watermarking. International Journal of Speech Technology, 2009, 12, 27-45. | 1.4 | 64 |
| 6 | 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 |
| 7 | A Review of EEG and MEG Epileptic Spike Detection Algorithms. IEEE Access, 2018, 6, 60673-60688. | 2.6 | 62 |
| 8 | A Comprehensive Survey Analysis for Present Solutions of Medical Image Fusion and Future Directions. IEEE Access, 2021, 9, 11358-11371. | 2.6 | 59 |
| 9 | 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 |
| 10 | Performance enhancement of IM/DD optical wireless systems. Photonic Network Communications, 2018, 36, 114-127. | 1.4 | 54 |
| 11 | Investigation of Chaotic Image Encryption in Spatial and FrFT Domains for Cybersecurity Applications. IEEE Access, 2020, 8, 42491-42503. | 2.6 | 54 |
| 12 | Enhanced OFDM-NOMA for next generation wireless communication: A study of PAPR reduction and sensitivity to CFO and estimation errors. AEU - International Journal of Electronics and Communications, 2019, 102, 9-24. | 1.7 | 52 |
| 13 | Chaotic encryption of speech signals. International Journal of Speech Technology, 2011, 14, 285-296. | 1.4 | 50 |
| 14 | A novel deep learning framework for copy-moveforgery detection in images. Multimedia Tools and Applications, 2020, 79, 19167-19192. | 2.6 | 49 |
| 15 | Discrete Transforms and Matrix Rotation Based Cancelable Face and Fingerprint Recognition for Biometric Security Applications. Entropy, 2020, 22, 1361. | 1.1 | 48 |
| 16 | Double random phase encoding for cancelable face and iris recognition. Applied Optics, 2018, 57, 10305. | 0.9 | 47 |
| 17 | Efficient chaotic-based image cryptosystem with different modes of operation. Multimedia Tools and Applications, 2020, 79, 20665-20687. | 2.6 | 45 |
| 18 | Automated detection of diabetic retinopathy in blurred digital fundus images. , 2012, , . | | 44 |

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| 19 | Classification of retinal images based on convolutional neural network. Microscopy Research and Technique, 2021, 84, 394-414. | 1.2 | 44 |
| 20 | A survey on online learning for visual tracking. Visual Computer, 2021, 37, 993-1014. | 2.5 | 43 |
| 21 | An Efficient Block-by-Block SVD-Based Image Watermarking Scheme. , 2007, , . | | 40 |
| 22 | COVID-19 classification using deep feature concatenation technique. Journal of Ambient Intelligence and Humanized Computing, 2022, 13, 2025-2043. | 3.3 | 40 |
| 23 | 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 |
| 24 | Optical image cryptosystem using double random phase encoding and Arnold's Cat map. Optical and Quantum Electronics, 2016, 48, 1. | 1.5 | 39 |
| 25 | Cancellable face recognition based on fractional-order Lorenz chaotic system and Haar wavelet fusion. , 2021, 116, 103103. | | 39 |
| 26 | Robust hybrid watermarking techniques for different color imaging systems. Multimedia Tools and Applications, 2018, 77, 25709-25759. | 2.6 | 37 |
| 27 | Efficient HEVC Integrity Verification Scheme for Multimedia Cybersecurity Applications. IEEE Access, 2020, 8, 167069-167089. | 2.6 | 36 |
| 28 | Survey study of multimodality medical image fusion methods. Multimedia Tools and Applications, 2021, 80, 6369-6396. | 2.6 | 36 |
| 29 | 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 |
| 30 | Efficient hybrid watermarking schemes for robust and secure <scp>3D‑MVC</scp> communication. International Journal of Communication Systems, 2018, 31, e3478. | 1.6 | 34 |
| 31 | 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 |
| 32 | Text-independent speaker recognition using LSTM-RNN and speech enhancement. Multimedia Tools and Applications, 2020, 79, 24013-24028. | 2.6 | 34 |
| 33 | Deploying Machine Learning Techniques for Human Emotion Detection. Computational Intelligence and Neuroscience, 2022, 2022, 1-16. | 1.1 | 34 |
| 34 | A statistical framework for EEG channel selection and seizure prediction on mobile. International Journal of Speech Technology, 2019, 22, 191-203. | 1.4 | 33 |
| 35 | 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 |
| 36 | Enhancement of Infrared Images Based on Efficient Histogram Processing. Wireless Personal Communications, 2018, 99, 619-636. | 1.8 | 31 |

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| 37 | Encryption of ECG signals for telemedicine applications. Multimedia Tools and Applications, 2021, 80, 10679-10703. | 2.6 | 31 |
| 38 | 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 |
| 39 | Deep Learning Modalities for Biometric Alteration Detection in 5G Networks-Based Secure Smart Cities. IEEE Access, 2021, 9, 94780-94788. | 2.6 | 30 |
| 40 | 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 |
| 41 | Efficient multi-level security for robust 3D color-plus-depth HEVC. Multimedia Tools and Applications, 2018, 77, 30911-30937. | 2.6 | 29 |
| 42 | 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 |
| 43 | Energy-Efficient Hybrid Framework for Green Cloud Computing. IEEE Access, 2020, 8, 115356-115369. | 2.6 | 29 |
| 44 | 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 |
| 45 | Performance enhancement of SC-FDMA systems using a companding technique. Annales Des Telecommunications/Annals of Telecommunications, 2010, 65, 293-300. | 1.6 | 28 |
| 46 | Efficient implementation of chaotic image encryption in transform domains. Journal of Systems and Software, 2014, 97, 118-127. | 3.3 | 28 |
| 47 | A Modified Cancelable Biometrics Scheme Using Random Projection. Annals of Data Science, 2019, 6, 223-236. | 1.7 | 27 |
| 48 | Equalization and carrier frequency offset compensation for UWA-OFDM communication systems based on the discrete sine transform. , 2019, 90, 142-149. | | 27 |
| 49 | Performance evaluation of OFDM and single-carrier systems using frequency domain equalization and phase modulation. International Journal of Communication Systems, 2011, 24, 1-13. | 1.6 | 26 |
| 50 | Cancelable biometric security system based on advanced chaotic maps. Visual Computer, 2022, 38, 2171-2187. | 2.5 | 25 |
| 51 | Efficient Transmission of Encrypted Images with OFDM in the Presence of Carrier Frequency Offset. Wireless Personal Communications, 2015, 84, 475-521. | 1.8 | 24 |
| 52 | Efficient implementation of optical scanning holography in cancelable biometrics. Applied Optics, 2021, 60, 3659. | 0.9 | 24 |
| 53 | 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 |
| 54 | Performance Analysis of Diagonal Eigenvalue Unity (DEU) Code Using NAND Subtraction and Spectral Direct Detection Techniques and Its Use with Triple-Play-Services in SAC-OCDMA. Wireless Personal Communications, 2015, 85, 1831-1849. | 1.8 | 23 |

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| 55 | Medical image fusion techniques based on combined discrete transform domains. , 2017, , . | | 23 |
| 56 | 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 |
| 57 | Speaker identification based on normalized pitch frequency and Mel Frequency Cepstral Coefficients. International Journal of Speech Technology, 2018, 21, 941-951. | 1.4 | 23 |
| 58 | Enhancement of IR images using histogram processing and the Undecimated additive wavelet transform. Multimedia Tools and Applications, 2019, 78, 11277-11290. | 2.6 | 23 |
| 59 | Efficient Implementation of Homomorphic and Fuzzy Transforms in Random-Projection Encryption Frameworks for Cancellable Face Recognition. Electronics (Switzerland), 2020, 9, 1046. | 1.8 | 23 |
| 60 | PPG-based human identification using Mel-frequency cepstral coefficients and neural networks. Multimedia Tools and Applications, 2021, 80, 26001. | 2.6 | 23 |
| 61 | 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 |
| 62 | Cancelable multi-biometric recognition system based on deep learning. Visual Computer, 2020, 36, 1097-1109. | 2.5 | 22 |
| 63 | 3-D Image Encryption Based on Rubik's Cube and RC6 Algorithm. 3D Research, 2017, 8, 1. | 1.8 | 22 |
| 64 | Efficient audio cryptosystem based on chaotic maps and double random phase encoding. International Journal of Speech Technology, 2015, 18, 619-631. | 1.4 | 21 |
| 65 | Robust and secure fractional wavelet image watermarking. Signal, Image and Video Processing, 2015, 9, 89-98. | 1.7 | 21 |
| 66 | Secure Wireless Image Communication Using LSB Steganography and Chaotic Baker Ciphering. Wireless Personal Communications, 2016, 91, 1023-1049. | 1.8 | 21 |
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| 68 | Feature Selection Ranking and Subset-Based Techniques with Different Classifiers for Intrusion Detection. Wireless Personal Communications, 2020, 111, 375-393. | 1.8 | 21 |
| 69 | Efficient object tracking using hierarchical convolutional features model and correlation filters. Visual Computer, 2021, 37, 831-842. | 2.5 | 21 |
| 70 | 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 |
| 71 | A Chaotic Interleaving Scheme for the Continuous Phase Modulation Based Single-Carrier Frequency-Domain Equalization System. Wireless Personal Communications, 2012, 62, 183-199. | 1.8 | 20 |
| 72 | A double random phase encoding approach for cancelable iris recognition. Optical and Quantum Electronics, 2018, 50, 1. | 1.5 | 20 |

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| 73 | A new single carrier FDMA system based on the discrete cosine transform. , 2009, , . | | 19 |
| 74 | Multispectral image compression with band ordering and wavelet transforms. Signal, Image and Video Processing, 2015, 9, 769-778. | 1.7 | 19 |
| 75 | Chaotic encryption of images in the fractional Fourier transform domain using different modes of operation. Signal, Image and Video Processing, 2015, 9, 611-622. | 1.7 | 19 |
| 76 | Trigonometric transforms and precoding strategies for OFDMâ€based uplink hybrid multiâ€carrier nonorthogonal multiple access. Transactions on Emerging Telecommunications Technologies, 2019, 30, e3694. | 2.6 | 19 |
| 77 | Utilization of image interpolation and fusion in brain tumor segmentation. International Journal for Numerical Methods in Biomedical Engineering, 2021, 37, e3449. | 1.0 | 19 |
| 78 | Deep convolutional neural networks for <scp>COVIDâ€19</scp> automatic diagnosis. Microscopy Research and Technique, 2021, 84, 2504-2516. | 1.2 | 19 |
| 79 | JPEG image transmission over mobile network with an efficient channel coding and interleaving. International Journal of Electronics, 2012, 99, 1497-1518. | 0.9 | 18 |
| 80 | Relaying techniques for enhancing the physical layerâ€‰secrecy in cooperative networks with multipleâ€‰eavesdroppers. Transactions on Emerging Telecommunications Technologies, 2014, 25, 445-460. | 2.6 | 18 |
| 81 | Joint lowâ€complexity equalization and carrier frequency offset compensation for underwater acoustic OFDM communication systems with bandedâ€matrix approximation at different channel conditions. International Journal of Communication Systems, 2018, 31, e3779. | 1.6 | 18 |
| 82 | Efficient anomaly detection from medical signals and images. International Journal of Speech Technology, 2019, 22, 739-767. | 1.4 | 18 |
| 83 | A novel approach for ear recognition: learning Mahalanobis distance features from deep CNNs. Machine Vision and Applications, 2021, 32, 1. | 1.7 | 18 |
| 84 | Multimodal biometric authentication based on deep fusion of electrocardiogram (ECG) and finger vein. Multimedia Systems, 2022, 28, 1325-1337. | 3.0 | 18 |
| 85 | Chaotic Interleaving for Robust Image Transmission with LDPC Coded OFDM. Wireless Personal Communications, 2014, 79, 2141-2154. | 1.8 | 17 |
| 86 | Automatic Modulation Recognition in Wireless Multi-carrier Wireless Systems with Cepstral Features. Wireless Personal Communications, 2015, 81, 1243-1288. | 1.8 | 17 |
| 87 | Fusion of deep-learned and hand-crafted features for cancelable recognition systems. Soft Computing, 2020, 24, 15189-15208. | 2.1 | 17 |
| 88 | 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 |
| 89 | Ensemble Machine Learning Techniques Using Computer Simulation Data for Wild Blueberry Yield Prediction. IEEE Access, 2022, 10, 64671-64687. | 2.6 | 17 |
| 90 | 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 |

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| 91 | Block-based SVD image watermarking in spatial and transform domains. International Journal of Electronics, 2015, 102, 1091-1113. | 0.9 | 15 |
| 92 | Efficient audio integrity verification algorithm using discrete cosine transform. International Journal of Speech Technology, 2016, 19, 1-8. | 1.4 | 15 |
| 93 | 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 |
| 94 | Biosignal classification for human identification based on convolutional neural networks. International Journal of Communication Systems, 2021, 34, e4685. | 1.6 | 15 |
| 95 | 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 |
| 96 | On the Performance of FFT/DWT/DCT-based OFDM Systems with Chaotic Interleaving and Channel Estimation Algorithms. Wireless Personal Communications, 2014, 78, 1495-1510. | 1.8 | 14 |
| 97 | Content Verification of Encrypted Images Transmitted Over Wireless AWGN Channels. Wireless Personal Communications, 2016, 88, 479-491. | 1.8 | 14 |
| 98 | 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 |
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| 104 | Cancelable Iris recognition system based on comb filter. Multimedia Tools and Applications, 2020, 79, 2521-2541. | 2.6 | 13 |
| 105 | Blind separation of audio signals using trigonometric transforms and wavelet denoising. International Journal of Speech Technology, 2010, 13, 1-12. | 1.4 | 12 |
| 106 | Speeded up robust features for efficient iris recognition. Signal, Image and Video Processing, 2016, 10, 1385-1391. | 1.7 | 12 |
| 107 | Spectrum Sensing Optimization and Performance Enhancement of Cognitive Radio Networks. Wireless Personal Communications, 2016, 86, 925-941. | 1.8 | 12 |
| 108 | Permutation-substitution image encryption scheme based on a modified chaotic map in transform domain. Journal of Central South University, 2017, 24, 2049-2057. | 1.2 | 12 |

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| 109 | Pile-up correction algorithm for high count rate gamma ray spectroscopy. Applied Radiation and Isotopes, 2019, 151, 196-206. | 0.7 | 12 |
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| 111 | Information Security for Automatic Speaker Identification. SpringerBriefs in Speech Technology, 2011, , 1-122. | 0.1 | 12 |
| 112 | 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 |
| 113 | Seamless Handover Scheme for MEC/SDN-Based Vehicular Networks. Journal of Sensor and Actuator Networks, 2022, 11, 9. | 2.3 | 12 |
| 114 | Hybrid speech enhancement with empirical mode decomposition and spectral subtraction for efficient speaker identification. International Journal of Speech Technology, 2015, 18, 555-564. | 1.4 | 11 |
| 115 | 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 |
| 116 | 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 |
| 117 | Satellite image fusion based on modified central force optimization. Multimedia Tools and Applications, 2020, 79, 21129-21154. | 2.6 | 11 |
| 118 | A statistical framework for breast tumor classification from ultrasonic images. Multimedia Tools and Applications, 2021, 80, 5977-5996. | 2.6 | 11 |
| 119 | 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 |
| 120 | Deep–learning–based seizure detection and prediction from electroencephalography signals. International Journal for Numerical Methods in Biomedical Engineering, 2022, 38, e3573. | 1.0 | 11 |
| 121 | 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 |
| 122 | Hybrid classification structures for automatic COVID-19 detection. Journal of Ambient Intelligence and Humanized Computing, 2022, 13, 4477-4492. | 3.3 | 11 |
| 123 | C32. Greedy power allocation algorithm for proportional resource allocation in multi-user OFDM systems. , 2012, , . | | 10 |
| 124 | An Efficient Transceiver Scheme for SC-FDMA Systems Based on Discrete Wavelet Transform and Discrete Cosine Transform. Wireless Personal Communications, 2015, 83, 3133-3155. | 1.8 | 10 |
| 125 | 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 |
| 126 | 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 |

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| 127 | Modulation classification in the presence of adjacent channel interference using convolutional neural networks. International Journal of Communication Systems, 2020, 33, e4295. | 1.6 | 10 |
| 128 | Performance enhancement of OFDM systems with lower-complexity using DST based on successive interference cancellation. , 2020, 102, 102739. | | 10 |
| 129 | A novel cancellable Iris template generation based on salting approach. Multimedia Tools and Applications, 2021, 80, 3703-3727. | 2.6 | 10 |
| 130 | Efficient communication and EEG signal classification in wavelet domain for epilepsy patients. Journal of Ambient Intelligence and Humanized Computing, 2021, 12, 9193-9208. | 3.3 | 10 |
| 131 | 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 |
| 132 | Comparative study between different denoising filters for speckle noise reduction in ultrasonic b-mode images. , 2012, , . | | 9 |
| 133 | Speech encryption using two dimensional chaotic maps. , 2015, , . | | 9 |
| 134 | Eradication of Multiple Access Interference Using a Modified Multi-service Code for SAC–OCDMA. Wireless Personal Communications, 2015, 83, 855-872. | 1.8 | 9 |
| 135 | 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 |
| 136 | New and efficient blind detection algorithm for digital image forgery using homomorphic image processing. Multimedia Tools and Applications, 2019, 78, 21585-21611. | 2.6 | 9 |
| 137 | Companding techniques for SC-FDMA and sensor network applications. International Journal of Electronics Letters, 2020, 8, 241-255. | 0.7 | 9 |
| 138 | Speaker recognition based on pre-processing approaches. International Journal of Speech Technology, 2020, 23, 435-442. | 1.4 | 9 |
| 139 | Hybrid pixel-feature fusion system for multimodal medical images. Journal of Ambient Intelligence and Humanized Computing, 2021, 12, 6001-6018. | 3.3 | 9 |
| 140 | Efficient Frameworks for EEG Epileptic Seizure Detection and Prediction. Annals of Data Science, 0, , 1. | 1.7 | 9 |
| 141 | Performance enhancement of speaker identification systems using speech encryption and cancelable features. International Journal of Speech Technology, 2017, 20, 977-1004. | 1.4 | 8 |
| 142 | Improved target detection with ultra wideband radars using efficient coded waveforms. International Journal of Speech Technology, 2018, 21, 1-8. | 1.4 | 8 |
| 143 | Copy-Move Forgery Detection Based on Discrete and SURF Transforms. Wireless Personal Communications, 2020, 110, 503-530. | 1.8 | 8 |
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| 145 | 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 |
| 146 | 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 |
| 147 | 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 |
| 148 | C11. Hybrid Digital Image Watermarking Technique for Data Hiding. , 2013, , . | | 7 |
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| 150 | Adaptive Resource Allocation Algorithms for Multi-user MIMO-OFDM Systems. Wireless Personal Communications, 2015, 80, 51-69. | 1.8 | 7 |
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| 152 | Efficient Techniques for Attack Detection Using Different Features Selection Algorithms and Classifiers. Wireless Personal Communications, 2018, 100, 1689-1706. | 1.8 | 7 |
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| 154 | Image deconvolution using homomorphic technique. Signal, Image and Video Processing, 2019, 13, 703-709. | 1.7 | 7 |
| 155 | Efficient and Secure Bit-Level Chaos Security Algorithm for Orbital Angular Momentum Modulation in Free-Space Optical Communications. IEEE Access, 2021, 9, 74817-74835. | 2.6 | 7 |
| 156 | Text-dependent and text-independent speaker recognition of reverberant speech based on CNN. International Journal of Speech Technology, 2021, 24, 993. | 1.4 | 7 |
| 157 | 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 |
| 158 | A continuous phase modulation single-carrier wireless system with frequency domain equalization. , 2009, , . | | 6 |
| 159 | Lossy compression of satellite images with low impact on vegetation features. Multidimensional Systems and Signal Processing, 2017, 28, 1717-1736. | 1.7 | 6 |
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| 161 | 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 |
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| 163 | An Adaptive Sensing Time Based on SNR for Spectrum Utilization Enhancement in Cognitive Radio. Wireless Personal Communications, 2019, 106, 307-319. | 1.8 | 6 |
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| 166 | 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 |
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| 168 | Cancelable electrocardiogram biometric system based on chaotic encryption using <scp>three-dimensional</scp> logistic map for biometric-based cloud services. Security and Privacy, 2022, 5, . | 1.9 | 6 |
| 169 | A hybrid encryption framework based on Rubik's cube for cancelable biometric cyber security applications. Optik, 2022, 258, 168773. | 1.4 | 6 |
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