

Dilbag singh

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/705924/publications.pdf>

Version: 2024-02-01

163
papers

4,943
citations

94433

37
h-index

114465

63
g-index

164
all docs

164
docs citations

164
times ranked

3311
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Classification of COVID-19 patients from chest CT images using multi-objective differential evolution-based convolutional neural networks. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2020, 39, 1379-1389. | 2.9 | 473 |
| 2 | Classification of the COVID-19 infected patients using DenseNet201 based deep transfer learning. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 5682-5689. | 3.5 | 383 |
| 3 | QRS detection using K-Nearest Neighbor algorithm (KNN) and evaluation on standard ECG databases. <i>Journal of Advanced Research</i> , 2013, 4, 331-344. | 9.5 | 244 |
| 4 | A Comprehensive Review on Image Encryption Techniques. <i>Archives of Computational Methods in Engineering</i> , 2020, 27, 15-43. | 10.2 | 183 |
| 5 | Automated Deep Transfer Learning-Based Approach for Detection of COVID-19 Infection in Chest X-rays. <i>Irbm</i> , 2022, 43, 114-119. | 5.6 | 178 |
| 6 | Color image encryption using non-dominated sorting genetic algorithm with local chaotic search based $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e2317" altimg="si3.svg"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 5 \langle \text{mml:mn} \rangle \langle \text{mml:mi} \rangle D \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ chaotic map. <i>Future Generation Computer Systems</i> , 2020, 107, 333-350. | 7.5 | 110 |
| 7 | Systematic Review of Security Vulnerabilities in Ethereum Blockchain Smart Contract. <i>IEEE Access</i> , 2022, 10, 6605-6621. | 4.2 | 103 |
| 8 | Secure and Energy Efficient-Based E-Health Care Framework for Green Internet of Things. <i>IEEE Transactions on Green Communications and Networking</i> , 2021, 5, 1223-1231. | 5.5 | 92 |
| 9 | Dingo Optimizer: A Nature-Inspired Metaheuristic Approach for Engineering Problems. <i>Mathematical Problems in Engineering</i> , 2021, 2021, 1-12. | 1.1 | 89 |
| 10 | Waves in Nonlocal Elastic Solid with Voids. <i>Journal of Elasticity</i> , 2017, 128, 85-114. | 1.9 | 88 |
| 11 | Rapid COVID-19 diagnosis using ensemble deep transfer learning models from chest radiographic images. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2023, 14, 5541-5553. | 4.9 | 84 |
| 12 | Diabetic Retinopathy Diagnosis From Fundus Images Using Stacked Generalization of Deep Models. <i>IEEE Access</i> , 2021, 9, 108276-108292. | 4.2 | 80 |
| 13 | Densely connected convolutional networks-based COVID-19 screening model. <i>Applied Intelligence</i> , 2021, 51, 3044-3051. | 5.3 | 79 |
| 14 | An efficient image encryption using non-dominated sorting genetic algorithm-III based 4-D chaotic maps. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2020, 11, 1309-1324. | 4.9 | 78 |
| 15 | Deep Neural Network-Based Screening Model for COVID-19-Infected Patients Using Chest X-Ray Images. <i>International Journal of Pattern Recognition and Artificial Intelligence</i> , 2021, 35, 2151004. | 1.2 | 77 |
| 16 | Single image dehazing using gradient channel prior. <i>Applied Intelligence</i> , 2019, 49, 4276-4293. | 5.3 | 68 |
| 17 | A Comprehensive Review of Computational Dehazing Techniques. <i>Archives of Computational Methods in Engineering</i> , 2019, 26, 1395-1413. | 10.2 | 67 |
| 18 | Metaheuristic-based Deep COVID-19 Screening Model from Chest X-Ray Images. <i>Journal of Healthcare Engineering</i> , 2021, 2021, 1-9. | 1.9 | 67 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Color image dehazing using gradient channel prior and guided LO filter. Information Sciences, 2020, 521, 326-342. | 6.9 | 66 |
| 20 | Multi-objective differential evolution based random forest for e-health applications. Modern Physics Letters B, 2019, 33, 1950022. | 1.9 | 65 |
| 21 | Multi-modality medical image fusion technique using multi-objective differential evolution based deep neural networks. Journal of Ambient Intelligence and Humanized Computing, 2021, 12, 2483-2493. | 4.9 | 64 |
| 22 | Multiobjective evolutionary optimization techniques based hyperchaotic map and their applications in image encryption. Multidimensional Systems and Signal Processing, 2021, 32, 281-301. | 2.6 | 63 |
| 23 | Fusion of medical images using deep belief networks. Cluster Computing, 2020, 23, 1439-1453. | 5.0 | 62 |
| 24 | Improved modified AZTEC technique for ECG data compression: Effect of length of parabolic filter on reconstructed signal. Computers and Electrical Engineering, 2005, 31, 334-344. | 4.8 | 57 |
| 25 | Color image encryption using minimax differential evolution-based 7D hyper-chaotic map. Applied Physics B: Lasers and Optics, 2020, 126, 1. | 2.2 | 56 |
| 26 | Dehazing of remote sensing images using improved restoration model based dark channel prior. Imaging Science Journal, 2017, 65, 282-292. | 0.5 | 55 |
| 27 | Multi-objective particle swarm optimization-based adaptive neuro-fuzzy inference system for benzene monitoring. Neural Computing and Applications, 2019, 31, 2195-2205. | 5.6 | 54 |
| 28 | Parallel strength Pareto evolutionary algorithm based image encryption. IET Image Processing, 2020, 14, 1015-1026. | 2.5 | 51 |
| 29 | Improved Particle Swarm Optimization Based Adaptive Neuro-Fuzzy Inference System for Benzene Detection. Clean - Soil, Air, Water, 2018, 46, 1700162. | 1.1 | 50 |
| 30 | Comprehensive survey on haze removal techniques. Multimedia Tools and Applications, 2018, 77, 9595-9620. | 3.9 | 50 |
| 31 | Sizing of impact damages in composite materials using ultrasonic guided waves. NDT and E International, 2012, 46, 22-31. | 3.7 | 49 |
| 32 | Single image haze removal using integrated dark and bright channel prior. Modern Physics Letters B, 2018, 32, 1850051. | 1.9 | 49 |
| 33 | Screening of COVID-19 Suspected Subjects Using Multi-Crossover Genetic Algorithm Based Dense Convolutional Neural Network. IEEE Access, 2021, 9, 142566-142580. | 4.2 | 48 |
| 34 | Two-Way Feature Extraction for Speech Emotion Recognition Using Deep Learning. Sensors, 2022, 22, 2378. | 3.8 | 43 |
| 35 | Classification and Analysis of Pistachio Species with Pre-Trained Deep Learning Models. Electronics (Switzerland), 2022, 11, 981. | 3.1 | 43 |
| 36 | Modified gain intervention filter based dehazing technique. Journal of Modern Optics, 2017, 64, 2165-2178. | 1.3 | 42 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Effects of RR segment duration on HRV spectrum estimation. <i>Physiological Measurement</i> , 2004, 25, 721-735. | 2.1 | 39 |
| 38 | High Availability of Clouds: Failover Strategies for Cloud Computing Using Integrated Checkpointing Algorithms. , 2012, , . | | 39 |
| 39 | Efficient Landsat image fusion using fuzzy and stationary discrete wavelet transform. <i>Imaging Science Journal</i> , 2017, 65, 108-114. | 0.5 | 39 |
| 40 | Dehazing of remote sensing images using fourth-order partial differential equations based trilateral filter. <i>IET Computer Vision</i> , 2018, 12, 208-219. | 2.0 | 39 |
| 41 | Dehazing of outdoor images using notch based integral guided filter. <i>Multimedia Tools and Applications</i> , 2018, 77, 27363-27386. | 3.9 | 38 |
| 42 | Rayleigh-type wave in a nonlocal elastic solid with voids. <i>European Journal of Mechanics, A/Solids</i> , 2018, 71, 134-150. | 3.7 | 38 |
| 43 | Image dehazing using Moore neighborhood-based gradient profile prior. <i>Signal Processing: Image Communication</i> , 2019, 70, 131-144. | 3.2 | 38 |
| 44 | Overview of current state of research on the application of artificial intelligence techniques for COVID-19. <i>PeerJ Computer Science</i> , 2021, 7, e564. | 4.5 | 38 |
| 45 | A novel dehazing model for remote sensing images. <i>Computers and Electrical Engineering</i> , 2018, 69, 14-27. | 4.8 | 35 |
| 46 | Efficient Stochastic Model for Operational Availability Optimization of Cooling Tower Using Metaheuristic Algorithms. <i>IEEE Access</i> , 2022, 10, 24659-24677. | 4.2 | 34 |
| 47 | Ethereum Smart Contract Analysis Tools: A Systematic Review. <i>IEEE Access</i> , 2022, 10, 57037-57062. | 4.2 | 34 |
| 48 | Hybrid Genetic Firefly Algorithm-Based Routing Protocol for VANETs. <i>IEEE Access</i> , 2022, 10, 9142-9151. | 4.2 | 33 |
| 49 | Defogging of road images using gain coefficient-based trilateral filter. <i>Journal of Electronic Imaging</i> , 2018, 27, 1. | 0.9 | 32 |
| 50 | A Novel Binary Seagull Optimizer and its Application to Feature Selection Problem. <i>IEEE Access</i> , 2021, 9, 103481-103496. | 4.2 | 31 |
| 51 | Evolving Fusion-Based Visibility Restoration Model for Hazy Remote Sensing Images Using Dynamic Differential Evolution. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-14. | 6.3 | 31 |
| 52 | Effect of COVID-19 outbreak on urban health and environment. <i>Air Quality, Atmosphere and Health</i> , 2021, 14, 389-397. | 3.3 | 30 |
| 53 | Data Clustering Using Moth-Flame Optimization Algorithm. <i>Sensors</i> , 2021, 21, 4086. | 3.8 | 30 |
| 54 | SVM Based System for classification of Microcalcifications in Digital Mammograms. , 2006, 2006, 4747-50. | | 29 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 55 | Electrocardiogram beat classification using empirical mode decomposition and multiclass directed acyclic graph support vector machine. <i>Computers and Electrical Engineering</i> , 2014, 40, 1774-1787. | 4.8 | 27 |
| 56 | Single image defogging by gain gradient image filter. <i>Science China Information Sciences</i> , 2019, 62, 1. | 4.3 | 26 |
| 57 | Love waves in a nonlocal elastic media with voids. <i>JVC/Journal of Vibration and Control</i> , 2019, 25, 1470-1483. | 2.6 | 25 |
| 58 | A signal adaptive filter for blocking effect reduction of JPEG compressed images. <i>AEU - International Journal of Electronics and Communications</i> , 2011, 65, 827-839. | 2.9 | 23 |
| 59 | Ectopic beats in approximate entropy and sample entropy-based HRV assessment. <i>International Journal of Systems Science</i> , 2012, 43, 884-893. | 5.5 | 23 |
| 60 | Remote sensing image fusion using fuzzy logic and gyrator transform. <i>Remote Sensing Letters</i> , 2018, 9, 942-951. | 1.4 | 22 |
| 61 | Untangling Computer-Aided Diagnostic System for Screening Diabetic Retinopathy Based on Deep Learning Techniques. <i>Sensors</i> , 2022, 22, 1803. | 3.8 | 21 |
| 62 | Sizing strip-like defects in plates using guided waves. <i>NDT and E International</i> , 2011, 44, 394-404. | 3.7 | 19 |
| 63 | Multifractal application on electrocardiogram. <i>Journal of Medical Engineering and Technology</i> , 2014, 38, 55-61. | 1.4 | 19 |
| 64 | Longitudinal waves at a micropolar fluid/solid interface. <i>International Journal of Solids and Structures</i> , 2008, 45, 225-244. | 2.7 | 18 |
| 65 | Improved occupancy grid mapping in specular environment. <i>Robotics and Autonomous Systems</i> , 2012, 60, 1245-1252. | 5.1 | 18 |
| 66 | K-nearest neighbour-based algorithm for P- and T-waves detection and delineation. <i>Journal of Medical Engineering and Technology</i> , 2014, 38, 115-124. | 1.4 | 18 |
| 67 | Plane harmonic waves in a thermoelastic solid with double porosity. <i>Mathematics and Mechanics of Solids</i> , 2020, 25, 869-886. | 2.4 | 18 |
| 68 | Delineation of ECG Wave Components Using K-Nearest Neighbor (KNN) Algorithm: ECG Wave Delineation Using KNN. , 2013, , . | | 17 |
| 69 | Image dehazing using window-based integrated means filter. <i>Multimedia Tools and Applications</i> , 2020, 79, 34771-34793. | 3.9 | 17 |
| 70 | A Comprehensive Study on Computational Pansharpener Techniques for Remote Sensing Images. <i>Archives of Computational Methods in Engineering</i> , 2021, 28, 4961-4978. | 10.2 | 17 |
| 71 | Automatic Detection of Power Quality Disturbance Using Convolutional Neural Network Structure with Gated Recurrent Unit. <i>Mobile Information Systems</i> , 2021, 2021, 1-11. | 0.6 | 17 |
| 72 | Segmentation of cancerous regions in liver using an edge-based and phase congruent region enhancement method. <i>Computers and Electrical Engineering</i> , 2016, 53, 244-262. | 4.8 | 16 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 73 | Normal limits of the electrocardiogram in Indians. <i>Journal of Electrocardiology</i> , 2015, 48, 652-668. | 0.9 | 15 |
| 74 | Two-Way Feature Extraction Using Sequential and Multimodal Approach for Hateful Meme Classification. <i>Complexity</i> , 2021, 2021, 1-7. | 1.6 | 14 |
| 75 | Improved seven-dimensional (i7D) hyperchaotic map-based image encryption technique. <i>Soft Computing</i> , 2022, 26, 2689-2698. | 3.6 | 13 |
| 76 | Propagation of Stoneley Waves at an Interface Between Two Microstretch Elastic Half-spaces. <i>JVC/Journal of Vibration and Control</i> , 2006, 12, 995-1009. | 2.6 | 12 |
| 77 | Rayleigh-Type Surface Waves in a Swelling Porous Half-Space. <i>Transport in Porous Media</i> , 2016, 113, 91-109. | 2.6 | 12 |
| 78 | Neural Network Technique for Diabetic Retinopathy Detection. <i>International Journal of Engineering and Advanced Technology</i> , 2019, 8, 440-445. | 0.3 | 12 |
| 79 | Wave propagation in micropolar mixture of porous media. <i>International Journal of Engineering Science</i> , 2006, 44, 1304-1323. | 5.0 | 11 |
| 80 | Numerical and asymptotic approach for evaluating complex wavenumbers of guided modes in viscoelastic plates. <i>Journal of the Acoustical Society of America</i> , 2011, 130, 764-771. | 1.1 | 11 |
| 81 | Effect of Threshold Value r on Multiscale Entropy based Heart Rate Variability. <i>Cardiovascular Engineering and Technology</i> , 2012, 3, 211-216. | 1.6 | 10 |
| 82 | Juice Jacking: Security Issues and Improvements in USB Technology. <i>Sustainability</i> , 2022, 14, 939. | 3.2 | 10 |
| 83 | Drug Synergy Prediction Using Dynamic Mutation Based Differential Evolution. <i>Current Pharmaceutical Design</i> , 2021, 27, 1103-1111. | 1.9 | 9 |
| 84 | Rayleigh-Lamb waves in a microstretch elastic plate cladded with liquid layers. <i>Journal of Sound and Vibration</i> , 2007, 302, 313-331. | 3.9 | 8 |
| 85 | Heart Rate Variability-A Bibliographical Survey. <i>IETE Journal of Research</i> , 2008, 54, 209-216. | 2.6 | 8 |
| 86 | A framework for hosting web services in cloud computing environment with high availability. , 2012, , . | | 8 |
| 87 | Dilatational waves at a microstretch solid/fluid interface. <i>JVC/Journal of Vibration and Control</i> , 2017, 23, 3448-3467. | 2.6 | 8 |
| 88 | Screening of COVID-19 Patients Using Deep Learning and IoT Framework. <i>Computers, Materials and Continua</i> , 2021, 69, 3459-3475. | 1.9 | 8 |
| 89 | Comparative Regression Analysis for Estimating Resonant Frequency of C-Like Patch Antennas. <i>Mathematical Problems in Engineering</i> , 2021, 2021, 1-8. | 1.1 | 8 |
| 90 | Detection and localization of S_{1} and S_{2} heart sounds by 3rd order normalized average Shannon energy envelope algorithm. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2021, 235, 615-624. | 1.8 | 8 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 91 | EMG Signal Classification for Human Hand Rehabilitation via Two Machine Learning Techniques: kNN and SVM. , 2022, , . | | 8 |
| 92 | P- and T-wave delineation in ECG signals using support vector machine. IETE Journal of Research, 2013, 59, 615. | 2.6 | 7 |
| 93 | Investigation of heart rate variability with the help of Welch periodogram in Indian young adults based on body physique. , 2020, , 51-57. | | 7 |
| 94 | Surface waves in layered thermoelastic medium with double porosity structure: Rayleigh and Stoneley waves. Mechanics of Advanced Materials and Structures, 2022, 29, 2680-2705. | 2.6 | 7 |
| 95 | Predicting Elections Results using Social Media Activity A Case Study: USA Presidential Election 2020. , 2021, , . | | 7 |
| 96 | A Systematic Review of Metaheuristic-based Image Encryption Techniques. Archives of Computational Methods in Engineering, 2022, 29, 2563-2577. | 10.2 | 7 |
| 97 | A Convolutional Neural Network-Based Architecture for EMG Signal Classification. , 2021, , . | | 7 |
| 98 | A Brief Overview on Machine Learning in Rehabilitation of the Human Arm via an Exoskeleton Robot. , 2021, , . | | 7 |
| 99 | A Novel Compressed and Accelerated Convolution Neural Network for COVID-19 Disease Classification: A Genetic Algorithm Based Approach. Communications in Computer and Information Science, 2022, , 99-111. | 0.5 | 7 |
| 100 | Comprehensive Review of Orthogonal Regression and Its Applications in Different Domains. Archives of Computational Methods in Engineering, 2022, 29, 4027-4047. | 10.2 | 7 |
| 101 | Automated Risk Management Based Software Security Vulnerabilities Management. IEEE Access, 2022, 10, 90597-90608. | 4.2 | 7 |
| 102 | DKNet: Deep Kuzushiji Characters Recognition Network. IEEE Access, 2022, 10, 75872-75883. | 4.2 | 7 |
| 103 | Detection of QRS-complex using K-nearest neighbour algorithm. International Journal of Medical Engineering and Informatics, 2013, 5, 81. | 0.3 | 6 |
| 104 | A new baroreflex sensitivity index based on improved Hilbertâ€“Huang transform for assessment of baroreflex in supine and standing postures. Biocybernetics and Biomedical Engineering, 2016, 36, 355-365. | 5.9 | 6 |
| 105 | Identifying heart-brain interactions during internally and externally operative attention using conditional entropy. Biomedical Signal Processing and Control, 2020, 57, 101826. | 5.7 | 6 |
| 106 | Availability and performance optimization of physical processing unit in sewage treatment plant using genetic algorithm and particle swarm optimization. International Journal of Systems Assurance Engineering and Management, 2021, 12, 1235-1246. | 2.4 | 6 |
| 107 | Safest Route Detection via Danger Index Calculation and K-Means Clustering. Computers, Materials and Continua, 2021, 69, 2761-2777. | 1.9 | 6 |
| 108 | A Novel Framework for Drug Synergy Prediction using Differential Evolution based Multinomial Random Forest. International Journal of Advanced Computer Science and Applications, 2019, 10, . | 0.7 | 6 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 109 | Early diagnosis of COVID-19 patients using deep learning-based deep forest model. Journal of Experimental and Theoretical Artificial Intelligence, 2023, 35, 365-375. | 2.8 | 6 |
| 110 | Classification of sEMG Biomedical Signals for Upper-Limb Rehabilitation Using the Random Forest Method. , 2022, , . | | 6 |
| 111 | Efficient computational stochastic framework for performance optimization of E-waste management plant. Journal of King Saud University - Computer and Information Sciences, 2022, 34, 4712-4728. | 3.9 | 6 |
| 112 | Detection method and filters for blocking effect reduction of highly compressed images. Signal Processing: Image Communication, 2011, 26, 493-506. | 3.2 | 5 |
| 113 | Impact of respiration on cardiovascular coupling using Granger causality analysis in healthy subjects. Biomedical Signal Processing and Control, 2018, 43, 196-203. | 5.7 | 5 |
| 114 | An efficient image steganography method using multiobjective differential evolution. , 2020, , 65-79. | | 5 |
| 115 | Waves in nonlocal elastic material with double porosity. Archive of Applied Mechanics, 2021, 91, 4797-4815. | 2.2 | 5 |
| 116 | Lamb waves in nonlocal elastic plate with voids. Journal of Mechanics of Materials and Structures, 2021, 16, 389-405. | 0.6 | 5 |
| 117 | Privacy Protection Framework for Android. IEEE Access, 2022, 10, 7973-7988. | 4.2 | 5 |
| 118 | Probabilistic Framework Allocation on Underwater Vehicular Systems Using Hydrophone Sensor Networks. Water (Switzerland), 2022, 14, 1292. | 2.7 | 5 |
| 119 | Ectopic beats and editing methods for Poincare-plot-based HRV. International Journal of Biomedical Engineering and Technology, 2011, 7, 353. | 0.2 | 4 |
| 120 | An adaptive technique for multiscale approximate entropy (MAEbin) threshold (r) selection: application to heart rate variability (HRV) and systolic blood pressure variability (SBPV) under postural stress. Australasian Physical and Engineering Sciences in Medicine, 2016, 39, 557-569. | 1.3 | 4 |
| 121 | FitMe: A Fitness Application for Accurate Pose Estimation Using Deep Learning. , 2021, , . | | 4 |
| 122 | Non - Invasive Feto - Maternal Well - Being Monitoring: A Review of Methods. Journal of Engineering Science and Technology Review, 2017, 10, 177-190. | 0.4 | 4 |
| 123 | 6+: A Novel Approach for Building Extraction from a Medium Resolution Multi-Spectral Satellite. Sustainability, 2022, 14, 1615. | 3.2 | 4 |
| 124 | Improved seven-dimensional (i7D) hyperchaotic map-based image encryption technique. Soft Computing, 2022, 26, 3703-3712. | 3.6 | 4 |
| 125 | Time-Evolution of Cardiovascular Variability During Autonomic Function Tests in Physiological Investigations. , 2006, 2006, 1772-5. | | 3 |
| 126 | The Time Evolution of Frequency Components of Heart Rate Variability Using Wavelets. IETE Journal of Research, 2006, 52, 481-488. | 2.6 | 3 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 127 | Remote sensing image contrast and brightness enhancement based on Cuckoo search and DTCWT-SVD. , 2016, , . | | 3 |
| 128 | IDENTIFYING DEEP BREATH EFFECT ON CARDIOVASCULAR SIGNALS USING CONDITIONAL ENTROPY: AN INFORMATION DOMAIN APPROACH. Biomedical Engineering - Applications, Basis and Communications, 2018, 30, 1850012. | 0.6 | 3 |
| 129 | Detecting changes in cardiovascular interaction during postural stress using directed coherence. Signal, Image and Video Processing, 2019, 13, 1521-1528. | 2.7 | 3 |
| 130 | Assessment of Scale Invariance Changes in Heart Rate Signal During Postural Shift. IETE Journal of Research, 2019, , 1-7. | 2.6 | 3 |
| 131 | Trigonometric mutation and successful-parent-selection based adaptive asynchronous differential evolution. Journal of Ambient Intelligence and Humanized Computing, 0, , 1. | 4.9 | 3 |
| 132 | Characterization of Electromyographical Signals from Biceps and Rectus Femoris Muscles to Evaluate the Performance of Squats Coupled with Countermeasure Gravitational Load Modulating Bodygear. Microgravity Science and Technology, 2021, 33, 1. | 1.4 | 3 |
| 133 | DWT-SVD Based Image Steganography Using Threshold Value Encryption Method. Computers, Materials and Continua, 2022, 72, 3299-3312. | 1.9 | 3 |
| 134 | Artificial Intelligence-Based Cyber-Physical System for Severity Classification of Chikungunya Disease. IEEE Journal of Translational Engineering in Health and Medicine, 2022, 10, 1-9. | 3.7 | 3 |
| 135 | Social Network Analysis: A Survey on Measure, Structure, Language Information Analysis, Privacy, and Applications. ACM Transactions on Asian and Low-Resource Language Information Processing, 2023, 22, 1-47. | 2.0 | 3 |
| 136 | Blocking artefact detection in block-based DCT compressed images. International Journal of Signal and Imaging Systems Engineering, 2011, 4, 181. | 0.6 | 2 |
| 137 | Support vector machine-based QRS-detection - evaluation on standard databases. International Journal of Medical Engineering and Informatics, 2012, 4, 299. | 0.3 | 2 |
| 138 | Image Caption Generation in Telugu. , 2021, , . | | 2 |
| 139 | Effect of Novel Designed Bodygear on Gastrocnemius and Soleus Muscles during Stepping in Human Body. Microgravity Science and Technology, 2021, 33, 1. | 1.4 | 2 |
| 140 | 3D Modelling of the Scattering of the Fundamental Anti-Symmetric Lamb Mode (A0) Propagating within a Point-Impacted Transverse-Isotropic Composite Plate. Applied Sciences (Switzerland), 2021, 11, 7276. | 2.5 | 2 |
| 141 | Dual preferred learning embedded asynchronous differential evolution with adaptive parameters for engineering applications. Sadhana - Academy Proceedings in Engineering Sciences, 2021, 46, 1. | 1.3 | 2 |
| 142 | RAYLEIGH WAVE IN A THERMO-VISCOELASTIC MATERIAL WITH VOIDS. Special Topics and Reviews in Porous Media, 2015, 6, 283-296. | 1.1 | 2 |
| 143 | Recent Advancements in Various Machine Learning Techniques. International Journal of Innovative Technology and Exploring Engineering, 2019, 8, 10-19. | 0.3 | 2 |
| 144 | Mining and Interpretation of Critical Aspects of Infant Health Status Using Multi-Objective Evolutionary Feature Selection Approaches. IEEE Access, 2022, 10, 32622-32638. | 4.2 | 2 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 145 | Waves in a cylindrical borehole filled with micropolar fluid. Journal of Applied Physics, 2008, 103, 124905. | 2.5 | 1 |
| 146 | Optimal Lomb transform variant in HRV assessment. International Journal of Medical Engineering and Informatics, 2010, 2, 177. | 0.3 | 1 |
| 147 | Modified multiscale entropy in HRV for automatic selection of threshold value r. International Journal of Medical Engineering and Informatics, 2012, 4, 55. | 0.3 | 1 |
| 148 | Sensor fusion framework for robust occupancy grid mapping. , 2013, , . | | 1 |
| 149 | Detection methods for blocking artefacts in transform coded images. IET Image Processing, 2014, 8, 435-444. | 2.5 | 1 |
| 150 | Impact of Metaheuristic Techniques in Pandemic of COVID-19. Coronaviruses, 2021, 2, . | 0.3 | 1 |
| 151 | Effect of countermeasure bodygear on cardiac-vascular-respiratory coupling during 6-degree head-down tilt: An earth-based microgravity study. Life Sciences in Space Research, 2022, 32, 45-53. | 2.3 | 1 |
| 152 | Deep Q learning-based mitigation of man in the middle attack over secure sockets layer websites. Modern Physics Letters B, 2020, 34, 2050366. | 1.9 | 1 |
| 153 | A Novel Hybrid Tunicate Swarm Naked Mole-Rat Algorithm for Image Segmentation and Numerical Optimization. Computers, Materials and Continua, 2022, 71, 3445-3462. | 1.9 | 1 |
| 154 | Efficient Fine Tuned Trapezoidal Fuzzy-Based Model for Failure Mode Effect Analysis Risk Prioritization. IEEE Access, 2022, 10, 50037-50046. | 4.2 | 1 |
| 155 | Performance analysis of all optical contention detection circuit for high speed optical access networks. Optical and Quantum Electronics, 2022, 54, . | 3.3 | 1 |
| 156 | Strategic - Risk, Return and Technical Analysis of Stock Prices. SSRN Electronic Journal, 2019, , . | 0.4 | 0 |
| 157 | Multifractal Spectrum Analysis of Heart Rhythm during Internally and Externally Operative Attention. , 2019, , . | | 0 |
| 158 | Image Segmentation Based on Block Level and Hybrid Directional Local Extrema. Computers, Materials and Continua, 2022, 70, 3939-3954. | 1.9 | 0 |
| 159 | A Novel Image Encryption using Memetic Differential Expansion based Modified Logistic Chaotic Map. International Journal of Advanced Computer Science and Applications, 2019, 10, . | 0.7 | 0 |
| 160 | Enhancing Future Relationship in Social Network Using Semantics Prediction to Predict Links. Lecture Notes in Networks and Systems, 2020, , 511-520. | 0.7 | 0 |
| 161 | A Post-Processing Algorithm for Boosting Contrast of MRI Images. Computers, Materials and Continua, 2022, 72, 2749-2763. | 1.9 | 0 |
| 162 | Time-Evolution of Cardiovascular Variability During Autonomic Function Tests in Physiological Investigations. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2006, , . | 0.5 | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 163 | SVM Based System for classification of Microcalcifications in Digital Mammograms. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2006, , . | 0.5 | 0 |