

## List of Publications by Year in descending order

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28  
papers

1,298  
citations

331670

21  
h-index

526287

27  
g-index

28  
all docs

28  
docs citations

28  
times ranked

763  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | 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        |
| 2  | Efficient Stochastic Model for Operational Availability Optimization of Cooling Tower Using Metaheuristic Algorithms. <i>IEEE Access</i> , 2022, 10, 24659-24677.  | 4.2 | 34        |
| 3  | Data Security-Based Routing in MANETs Using Key Management Mechanism. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 1041.  | 2.5 | 27        |
| 4  | Improved seven-dimensional (i7D) hyperchaotic map-based image encryption technique. <i>Soft Computing</i> , 2022, 26, 2689-2698.   | 3.6 | 13        |
| 5  | Systematic Review of Security Vulnerabilities in Ethereum Blockchain Smart Contract. <i>IEEE Access</i> , 2022, 10, 6605-6621.   | 4.2 | 103       |
| 6  | 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        |
| 7  | Improved seven-dimensional (i7D) hyperchaotic map-based image encryption technique. <i>Soft Computing</i> , 2022, 26, 3703-3712.   | 3.6 | 4         |
| 8  | Ensemble Deep Learning and Internet of Things-Based Automated COVID-19 Diagnosis Framework. <i>Contrast Media and Molecular Imaging</i> , 2022, 2022, 1-10.  | 0.8 | 26        |
| 9  | Cross Channel Scripting and Code Injection Attacks on Web and Cloud-Based Applications: A Comprehensive Review. <i>Sensors</i> , 2022, 22, 1959.   | 3.8 | 5         |
| 10 | Ethereum Smart Contract Analysis Tools: A Systematic Review. <i>IEEE Access</i> , 2022, 10, 57037-57062.   | 4.2 | 34        |
| 11 | Efficient computational stochastic framework for performance optimization of E-waste management plant. <i>Journal of King Saud University - Computer and Information Sciences</i> , 2022, 34, 4712-4728.     | 3.9 | 6         |
| 12 | Multiobjective evolutionary optimization techniques based hyperchaotic map and their applications in image encryption. <i>Multidimensional Systems and Signal Processing</i> , 2021, 32, 281-301.            | 2.6 | 63        |
| 13 | 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        |
| 14 | Multi-modality medical image fusion technique using multi-objective differential evolution based deep neural networks. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2021, 12, 2483-2493. | 4.9 | 64        |
| 15 | A Heuristic-Driven and Cost Effective Majority/ Minority Logic Synthesis for Post-CMOS Emerging Technology. <i>IEEE Access</i> , 2021, 9, 168689-168702.   | 4.2 | 3         |
| 16 | A Novel Binary Seagull Optimizer and its Application to Feature Selection Problem. <i>IEEE Access</i> , 2021, 9, 103481-103496.  | 4.2 | 31        |
| 17 | Diabetic Retinopathy Diagnosis From Fundus Images Using Stacked Generalization of Deep Models. <i>IEEE Access</i> , 2021, 9, 108276-108292.  | 4.2 | 80        |
| 18 | Densely connected convolutional networks-based COVID-19 screening model. <i>Applied Intelligence</i> , 2021, 51, 3044-3051.  | 5.3 | 79        |

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|----|--|-----|-----------|
| 19 | Metaheuristic-based Deep COVID-19 Screening Model from Chest X-Ray Images. Journal of Healthcare Engineering, 2021, 2021, 1-9.   | 1.9 | 67        |
| 20 | Elementary Methods for Generating Three-Dimensional Coordinate Estimation and Image Reconstruction from Series of Two-Dimensional Images. Mathematical Problems in Engineering, 2021, 2021, 1-11.  | 1.1 | 0         |
| 21 | Spoken Language Identification Using Deep Learning. Computational Intelligence and Neuroscience, 2021, 2021, 1-12.   | 1.7 | 31        |
| 22 | Secure and Energy Efficient-Based E-Health Care Framework for Green Internet of Things. IEEE Transactions on Green Communications and Networking, 2021, 5, 1223-1231.  | 5.5 | 92        |
| 23 | 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        |
| 24 | Software Systems Security Vulnerabilities Management by Exploring the Capabilities of Language Models Using NLP. Computational Intelligence and Neuroscience, 2021, 2021, 1-19.  | 1.7 | 13        |
| 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 | Color image dehazing using gradient channel prior and guided L0 filter. Information Sciences, 2020, 521, 326-342.  | 6.9 | 66        |
| 27 | 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. Future Generation Computer Systems, 2020, 107, 333-350. | 7.5 | 110       |
| 28 | Parallel strength Pareto evolutionary algorithm based image encryption. IET Image Processing, 2020, 14, 1015-1026.   | 2.5 | 51        |