

List of Publications by Year in descending order

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28
papers

1,298
citations

331670

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h-index

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27
g-index

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all docs

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docs citations

28
times ranked

763
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Systematic Review of Security Vulnerabilities in Ethereum Blockchain Smart Contract. IEEE Access, 2022, 10, 6605-6621.	4.2	103
3	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
4	Rapid COVID-19 diagnosis using ensemble deep transfer learning models from chest radiographic images. Journal of Ambient Intelligence and Humanized Computing, 2023, 14, 5541-5553.	4.9	84
5	Diabetic Retinopathy Diagnosis From Fundus Images Using Stacked Generalization of Deep Models. IEEE Access, 2021, 9, 108276-108292.	4.2	80
6	Densely connected convolutional networks-based COVID-19 screening model. Applied Intelligence, 2021, 51, 3044-3051.	5.3	79
7	Deep Neural Network-Based Screening Model for COVID-19-Infected Patients Using Chest X-Ray Images. International Journal of Pattern Recognition and Artificial Intelligence, 2021, 35, 2151004.	1.2	77
8	Metaheuristic-based Deep COVID-19 Screening Model from Chest X-Ray Images. Journal of Healthcare Engineering, 2021, 2021, 1-9.	1.9	67
9	Color image dehazing using gradient channel prior and guided L0 filter. Information Sciences, 2020, 521, 326-342.	6.9	66
10	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
11	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
12	Color image encryption using minimax differential evolution-based 7D hyper-chaotic map. Applied Physics B: Lasers and Optics, 2020, 126, 1.	2.2	56
13	Parallel strength Pareto evolutionary algorithm based image encryption. IET Image Processing, 2020, 14, 1015-1026.	2.5	51
14	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
15	Efficient Stochastic Model for Operational Availability Optimization of Cooling Tower Using Metaheuristic Algorithms. IEEE Access, 2022, 10, 24659-24677.	4.2	34
16	Ethereum Smart Contract Analysis Tools: A Systematic Review. IEEE Access, 2022, 10, 57037-57062.	4.2	34
17	A Novel Binary Seagull Optimizer and its Application to Feature Selection Problem. IEEE Access, 2021, 9, 103481-103496.	4.2	31
18	Spoken Language Identification Using Deep Learning. Computational Intelligence and Neuroscience, 2021, 2021, 1-12.	1.7	31

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19	Evolving Fusion-Based Visibility Restoration Model for Hazy Remote Sensing Images Using Dynamic Differential Evolution. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	6.3	31
20	Data Security-Based Routing in MANETs Using Key Management Mechanism. Applied Sciences (Switzerland), 2022, 12, 1041.	2.5	27
21	Ensemble Deep Learning and Internet of Things-Based Automated COVID-19 Diagnosis Framework. Contrast Media and Molecular Imaging, 2022, 2022, 1-10.	0.8	26
22	Improved seven-dimensional (i7D) hyperchaotic map-based image encryption technique. Soft Computing, 2022, 26, 2689-2698.	3.6	13
23	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
24	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
25	Cross Channel Scripting and Code Injection Attacks on Web and Cloud-Based Applications: A Comprehensive Review. Sensors, 2022, 22, 1959.	3.8	5
26	Improved seven-dimensional (i7D) hyperchaotic map-based image encryption technique. Soft Computing, 2022, 26, 3703-3712.	3.6	4
27	A Heuristic-Driven and Cost Effective Majority/ Minority Logic Synthesis for Post-CMOS Emerging Technology. IEEE Access, 2021, 9, 168689-168702.	4.2	3
28	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