Gopal Chaudhary

List of Publications by Year
in descending order

37 papers	375 citations	933447 10 h-index	839539 18 g-index
39 all docs	39 docs citations	39 times ranked	218 citing authors

#	Article	IF	Citations
1	A systematic approach for COVID-19 predictions and parameter estimation. Personal and Ubiquitous Computing, 2023, 27, 675-687.	2.8	18
2	Digital transformation through advances in artificial intelligence and machine learning. Journal of Intelligent and Fuzzy Systems, 2022, 42, 615-622.	1.4	52
3	Video captioning: a review of theory, techniques and practices. Multimedia Tools and Applications, 2022, 81, 35619-35653.	3.9	9
4	CNN-LSTM Hybrid Real-Time IoT-Based Cognitive Approaches for ISLR with WebRTC: Auditory Impaired Assistive Technology. Journal of Healthcare Engineering, 2022, 2022, 1-17.	1.9	9
5	Prediction of Conversion from CIS to Clinically Definite Multiple Sclerosis Using Convolutional Neural Networks. Computational and Mathematical Methods in Medicine, 2022, 2022, 1-8.	1.3	2
6	PCANet based biometric system with fusion of palmprint and dorsal hand vein. Journal of Intelligent and Fuzzy Systems, 2021, , 1-9.	1.4	3
7	Real-time measurement of the uncertain epidemiological appearances of COVID-19 infections. Applied Soft Computing Journal, 2021, 101, 107039.	7.2	33
8	Air pollution: A review and analysis using fuzzy techniques in Indian scenario. Environmental Technology and Innovation, 2021, 22, 101441.	6.1	13
9	Gene Mutation Classification through Text Evidence Facilitating Cancer Tumour Detection. Journal of Healthcare Engineering, 2021, 2021, 1-16.	1.9	9
10	Real-time image enhancement for an automatic automobile accident detection through CCTV using deep learning. Soft Computing, 2021, 25, 11929-11940.	3.6	33
11	AI-enabled COVID-9 Outbreak Analysis and Prediction: Indian States vs. Union Territories. Computers, Materials and Continua, 2021, 67, 933-950.	1.9	33
12	Predictive text analysis using eye blinks. Computers and Electrical Engineering, 2021, 96, 107554.	4.8	2
13	Exploiting feature space using overlapping windows for improving biometric recognition. Computers and Electrical Engineering, 2021, 96, 107552.	4.8	2
14	A robust 2D-Cochlear transform-based palmprint recognition. Soft Computing, 2020, 24, 2311-2328.	3.6	3
15	3D Face Reconstruction From Single 2D Image Using Distinctive Features. IEEE Access, 2020, 8, 180681-180689.	4.2	26
16	Temperature invariant and high precision absolute rotary encoder using photocells on visible light spectrum. International Journal of Information Technology (Singapore), 2020, 12, 1403-1409.	2.7	1
17	How to Help Johnny to Travel in a Brimming Train?. Lecture Notes in Electrical Engineering, 2020, , 123-132.	0.4	0
18	Voltage Regulation using Probabilistic and Fuzzy Controlled Dynamic Voltage Restorer for Oil and Gas Industry. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2020, 28, 49-64.	1.9	0

#	Article	IF	Citations
19	Exploiting Oriented Gradient Histogram for Dorsal Vein Recognition. , 2019, , .		2
20	Observer based fuzzy and PID controlled smart greenhouse. Journal of Statistics and Management Systems, 2019, 22, 393-401.	0.6	13
21	Dynamic handwritten signature and machine learning based identity verification for keyless cryptocurrency transactions. Journal of Discrete Mathematical Sciences and Cryptography, 2019, 22, 191-202.	0.8	10
22	Control and analysis of carbon monoxide concentration using fuzzy and recurrent fuzzy systems. Journal of Information and Optimization Sciences, 2019, 40, 493-504.	0.3	0
23	Score Improvement Using Backpropagation in Biometric Recognition System. Advances in Intelligent Systems and Computing, 2019, , 377-383.	0.6	0
24	Multi-scenario dataset for speaker recognition. Journal of Intelligent and Fuzzy Systems, 2018, 34, 1385-1392.	1.4	3
25	Accurate Human Recognition by Score-Level and Feature-Level Fusion Using Palm–Phalanges Print. Arabian Journal for Science and Engineering, 2018, 43, 543-554.	3.0	12
26	Palmprint recognition using novel oriented gabor gradients. Journal of Intelligent and Fuzzy Systems, 2018, 35, 5345-5351.	1.4	2
27	Biometric authentication using local subspace adaptive histogram equalization. Journal of Intelligent and Fuzzy Systems, 2017, 32, 2893-2899.	1.4	4
28	Information Fusion in Animal Biometric Identification. Advances in Intelligent Systems and Computing, 2017, , 609-617.	0.6	0
29	Feature Extraction Methods for Speaker Recognition: A Review. International Journal of Pattern Recognition and Artificial Intelligence, 2017, 31, 1750041.	1.2	22
30	Fusion of palm-phalanges print with palmprint and dorsal hand vein. Applied Soft Computing Journal, 2016, 47, 12-20.	7.2	37
31	Gaussian Membership Function-Based Speaker Identification Using Score Level Fusion of MFCC and GFCC. Advances in Intelligent Systems and Computing, 2016, , 283-291.	0.6	0
32	A robust biometrics multilevel fusion scheme. International Journal of Image Mining, 2016, 2, 100.	0.1	1
33	Design and Analyze the Refractive Index Sensor Having the Discontinuity between Sensing Region and Cladding Area by Large Core Diameter. Procedia Technology, 2014, 17, 289-294.	1.1	1
34	Numerical solution of optimal control problem. Soft Computing, 0, , 1.	3.6	0
35	Comparative Study of Evolutionary Computation Based PI, FOPI and NN Controllers for DSTATCOM. Journal of Circuits, Systems and Computers, 0, , 2150249.	1.5	0
36	On Comparing the Performance of Swarm-Based Algorithms with Human-Based Algorithm for Nonlinear Systems. Arabian Journal for Science and Engineering, 0, , 1.	3.0	2

#	ARTICLE	IF	CITATIONS
37	Digital Twin Technology. , 0, , .		9