Sidheswar Routray

List of Publications by Year
in descending order

32	466	687363 13	752698 20
papers	citations	h-index	g-index

34	34	34	181
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Phase sensitive masking-based single channel speech enhancement using conditional generative adversarial network. Computer Speech and Language, 2022, 71, 101270.	4.3	13
2	Internet of thingsâ€based deeply proficient monitoring and protection system for crop field. Expert Systems, 2022, 39, e12876.	4.5	9
3	Secure routing with multi-watchdog construction using deep particle convolutional model for IoT based 5G wireless sensor networks. Computer Communications, 2022, 187, 71-82.	5.1	30
4	Cooperative and feedback based authentic routing protocol for energy efficient <scp>IoT</scp> systems. Concurrency Computation Practice and Experience, 2022, 34, .	2.2	13
5	A context aware-based deep neural network approach for simultaneous speech denoising and dereverberation. Neural Computing and Applications, 2022, 34, 9831-9845.	5.6	5
6	Modern Energy Optimization Approach for Efficient Data Communication in IoT-Based Wireless Sensor Networks. Wireless Communications and Mobile Computing, 2022, 2022, 1-13.	1.2	10
7	Detecting and Extracting Brain Hemorrhages from CT Images Using Generative Convolutional Imaging Scheme. Computational Intelligence and Neuroscience, 2022, 2022, 1-10.	1.7	8
8	IoT-Based Hybrid Ensemble Machine Learning Model for Efficient Diabetes Mellitus Prediction. Computational Intelligence and Neuroscience, 2022, 2022, 1-11.	1.7	18
9	Deeply Trained Real-Time Body Sensor Networks for Analyzing the Symptoms of Parkinsonâ€™s Disease. IEEE Access, 2022, 10, 63403-63421.	4.2	9
10	Internet of Medical Things (IoMT)-Based Smart Healthcare System: Trends and Progress. Computational Intelligence and Neuroscience, 2022, 2022, 1-17.	1.7	42
11	Latent discriminative representation learning for speaker recognition. Frontiers of Information Technology and Electronic Engineering, 2021, 22, 697-708.	2.6	2
12	Secure Opportunistic Watchdog Production in Wireless Sensor Networks: A Review. Wireless Personal Communications, 2021, 120, 1895-1919.	2.7	18
13	Machine learning based deep job exploration and secure transactions in virtual private cloud systems. Computers and Security, 2021, 109, 102379.	6.0	22
14	A proposal of 3D sensor for rapid detection of breast tumour cell using photonic structure. Emerging Materials Research, 2021, 10, 1-6.	0.7	1
15	Detection of Brain Tumor from MR Images Using BWT and SOM-SVM with Authentication. Lecture Notes in Electrical Engineering, 2021, , 347-354.	0.4	1
16	An Energy Efficient Node Localization Algorithm for Wireless Sensor Network. , 2021, , .		3
17	Investigation of Breast Tumor Detection Using Microwave Imaging Technique. , 2020, , .		3
18	Distributed gradient descent based cluster head identification in MIMO sensor networks. Optik, 2020, 204, 164185.	2.9	6

#	Article	IF	Citations
19	A new image denoising framework using bilateral filtering based non-subsampled shearlet transform. Optik, 2020, 216, 164903.	2.9	22
20	An efficient image denoising method based on principal component analysis with learned patch groups. Signal, Image and Video Processing, 2019, 13, 1405-1412.	2.7	16
21	Low-energy PSO-based node positioning in optical wireless sensor networks. Optik, 2019, 181, 378-382.	2.9	32
22	An energy efficient clustering using firefly and HML for optical wireless sensor network. Optik, 2019, 182, 181-185.	2.9	43
23	Energy-efficient node positioning in optical wireless sensor networks. Optik, 2019, 178, 461-466.	2.9	25
24	Image denoising by preserving geometric components based on weighted bilateral filter and curvelet transform. Optik, 2018, 159, 333-343.	2.9	24
25	Efficient hybrid image denoising scheme based on SVM classification. Optik, 2018, 157, 503-511.	2.9	28
26	Design and analysis of direction of arrival using hybrid expectation-maximization and MUSIC for wireless communication. Optik, 2018, 170, 48-55.	2.9	6
27	Analysis of various image feature extraction methods against noisy image: SIFT, SURF and HOG. , 2017, , .		33
28	A novel study on color image denoising and comparison of various state-of-the-art methods. , 2017, , .		0
29	MRI Denoising using Sparse Based Curvelet Transform with Variance Stabilizing Transformation Framework. Indonesian Journal of Electrical Engineering and Computer Science, 2017, 7, 116.	0.8	13
30	Improving performance of K-SVD based image denoising using curvelet transform. , 2015, , .		9
31	Supervised Shallow Multi-task Learning: Analysis of Methods. Neural Processing Letters, 0, , 1.	3.2	0
32	On-demand charging planning for WRSNs based on weighted heuristic method. International Journal of Information Technology (Singapore), 0, , 1.	2.7	2