

# Sidheswar Routray

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

466  
citations

687363

13  
h-index

752698

20  
g-index

34  
all docs

34  
docs citations

34  
times ranked

181  
citing authors

#	ARTICLE	IF	CITATIONS
1	An energy efficient clustering using firefly and HML for optical wireless sensor network. Optik, 2019, 182, 181-185.	2.9	43
2	Internet of Medical Things (IoMT)-Based Smart Healthcare System: Trends and Progress. Computational Intelligence and Neuroscience, 2022, 2022, 1-17.	1.7	42
3	Analysis of various image feature extraction methods against noisy image: SIFT, SURF and HOG. , 2017, , .		33
4	Low-energy PSO-based node positioning in optical wireless sensor networks. Optik, 2019, 181, 378-382.	2.9	32
5	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
6	Efficient hybrid image denoising scheme based on SVM classification. Optik, 2018, 157, 503-511.	2.9	28
7	Energy-efficient node positioning in optical wireless sensor networks. Optik, 2019, 178, 461-466.	2.9	25
8	Image denoising by preserving geometric components based on weighted bilateral filter and curvelet transform. Optik, 2018, 159, 333-343.	2.9	24
9	Machine learning based deep job exploration and secure transactions in virtual private cloud systems. Computers and Security, 2021, 109, 102379.	6.0	22
10	A new image denoising framework using bilateral filtering based non-subsampled shearlet transform. Optik, 2020, 216, 164903.	2.9	22
11	Secure Opportunistic Watchdog Production in Wireless Sensor Networks: A Review. Wireless Personal Communications, 2021, 120, 1895-1919.	2.7	18
12	IoT-Based Hybrid Ensemble Machine Learning Model for Efficient Diabetes Mellitus Prediction. Computational Intelligence and Neuroscience, 2022, 2022, 1-11.	1.7	18
13	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
14	Phase sensitive masking-based single channel speech enhancement using conditional generative adversarial network. Computer Speech and Language, 2022, 71, 101270.	4.3	13
15	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
16	Cooperative and feedback based authentic routing protocol for energy efficient <scp>IoT</scp> systems. Concurrency Computation Practice and Experience, 2022, 34, .	2.2	13
17	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
18	Improving performance of K-SVD based image denoising using curvelet transform. , 2015, , .		9

#	ARTICLE	IF	CITATIONS
19	Internet of thingsâ€based deeply proficient monitoring and protection system for crop field. Expert Systems, 2022, 39, e12876.	4.5	9
20	Deeply Trained Real-Time Body Sensor Networks for Analyzing the Symptoms of Parkinsonâ€™s Disease. IEEE Access, 2022, 10, 63403-63421.	4.2	9
21	Detecting and Extracting Brain Hemorrhages from CT Images Using Generative Convolutional Imaging Scheme. Computational Intelligence and Neuroscience, 2022, 2022, 1-10.	1.7	8
22	Design and analysis of direction of arrival using hybrid expectation-maximization and MUSIC for wireless communication. Optik, 2018, 170, 48-55.	2.9	6
23	Distributed gradient descent based cluster head identification in MIMO sensor networks. Optik, 2020, 204, 164185.	2.9	6
24	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
25	Investigation of Breast Tumor Detection Using Microwave Imaging Technique. , 2020, , .		3
26	An Energy Efficient Node Localization Algorithm for Wireless Sensor Network. , 2021, , .		3
27	Latent discriminative representation learning for speaker recognition. Frontiers of Information Technology and Electronic Engineering, 2021, 22, 697-708.	2.6	2
28	On-demand charging planning for WRSNs based on weighted heuristic method. International Journal of Information Technology (Singapore), 0, , 1.	2.7	2
29	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
30	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
31	A novel study on color image denoising and comparison of various state-of-the-art methods. , 2017, , .		0
32	Supervised Shallow Multi-task Learning: Analysis of Methods. Neural Processing Letters, 0, , 1.	3.2	0