

# Sangita Roy

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6653297/publications.pdf>

Version: 2024-02-01

18  
papers

174  
citations

1684188

5  
h-index

1281871

11  
g-index

22  
all docs

22  
docs citations

22  
times ranked

156  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Hardware Implementation of Image Dehazing Mechanism using Verilog HDL and Parallel DCP. , 2020, , .  |     | 4         |
| 2  | WLMS-based Transmission Refined Self-Adjusted No Reference Weather Independent Image Visibility Improvement. IETE Journal of Research, 2019, , 1-17.               | 2.6 | 2         |
| 3  | Fast Single Image Haze Removal Scheme Using Self-Adjusting. International Journal of Virtual and Augmented Reality, 2019, 3, 42-57.                                | 0.8 | 1         |
| 4  | Adaptive Fluorescence Pixels Control in Visibility Refinement through CSA. , 2019, , .   |     | 0         |
| 5  | Low Complexity Single Color Image Dehazing Technique. Advances in Multimedia and Interactive Technologies Book Series, 2018, , 116-129.                            | 0.2 | 2         |
| 6  | Fuzzy logic based vision enhancement using sigmoid function. , 2017, , .   |     | 6         |
| 7  | Effect of patch size and haziness factor on visibility using DCP. , 2017, , .  |     | 1         |
| 8  | Dehazing technique based on dark channel prior model with sky masking and its quantitative analysis. , 2016, , .   |     | 8         |
| 9  | Error Measurement & its Impact on Bilateral - Canny Edge Detector-A Hybrid Filter. International Journal of Modern Education and Computer Science, 2016, 8, 30-41. | 2.7 | 1         |
| 10 | Modeling of Haze Image as Ill-Posed Inverse Problem & its Solution. International Journal of Modern Education and Computer Science, 2016, 8, 46-55.                | 2.7 | 9         |
| 11 | A novel approach on Cuckoo search algorithm using Gamma distribution. , 2015, , .  |     | 7         |
| 12 | Optimization of Laplace of Gaussian (LoG) filter for enhanced edge detection: A new approach. , 2014, , .  |     | 12        |
| 13 | Study of parametric optimization of the Cuckoo Search algorithm. , 2014, , .   |     | 4         |
| 14 | Haar Wavelet Transform image compression using Run Length Encoding. , 2014, , .  |     | 15        |
| 15 | Studies and Implementation of Subband Coder and Decoder of Speech Signal Using Rayleigh Distribution. Lecture Notes in Electrical Engineering, 2014, , 11-25.      | 0.4 | 2         |
| 16 | Nature-Inspired Swarm Intelligence and Its Applications. International Journal of Modern Education and Computer Science, 2014, 6, 55-65.                           | 2.7 | 31        |
| 17 | Cuckoo Search Algorithm using Lévy Flight: A Review. International Journal of Modern Education and Computer Science, 2013, 5, 10-15.                               | 2.7 | 52        |
| 18 | Bio-inspired Ant Algorithms: A review. International Journal of Modern Education and Computer Science, 2013, 5, 25-35.   | 2.7 | 8         |