

List of Publications – Prof. M.K.Dutta.

1. Soorya M, Ashish Issac, Malay Kishore Dutta, “An automated and robust image processing algorithm for glaucoma diagnosis from fundus images using novel blood vessel tracking and bend point detection”– International Journal of Medical Informatics, Elsevier Publishers, Volume 110, February 2018, Pages 52–70, Thomson Reuter Impact Factor – 3.2.
2. Ashish Issac, Malay Kishore Dutta & Carlos M Travieso, “Automatic Computer Vision based Detection and Quantitative Analysis of Indicative Parameters for Grading of Diabetic Retinopathy” - Neural Computing and Applications, Springer Verlag Publisher, DOI: 10.1007/s00521-018-3443-z, 2018, Thomson Reuter Impact Factor – 4.213.
3. Azeddine Mjihad, Alfredo Rosado-Muñoz , Juan F. Guerrero-Martinez, Manuel Bataller-Mompean, Jose V. Frances-Villora, Malay Kishore Dutta, “ Detection of Ventricular Fibrillation Using the Image from Time-Frequency Representation and Combined Classifiers” Applied Sciences, Track Computer Science and Electrical Engineering - Special Issue -Deep Learning and Big Data in Healthcare" MDPI Publishers, Switzerland, 8, 2057; doi:10.3390/app8112057, 2018, Thomson Reuter Impact Factor - 1.69.
4. Carlos M. Travieso, Antonio G. Ravelo-García, Jesús B. Alonso, José M. Canino-Rodríguez, Malay Kishore Dutta, “Improving the performance of the lip identification through the use of shape correction” Applied Intelligence, Springer Verlag, Accepted for Publication, SCI indexed Impact Factor- 1.983 – 2018.
5. José Luis Vásquez, Antonio G. Ravelo-García, Jesús B. Alonso, Malay K. Dutta, Carlos M. Travieso “Writer identification approach by holistic graphometric features using offline handwriting words” -Neural Computation and Applications, Springer Verlag Publisher – DOI: 10.1007/s00521-018-3461-x., 2018, Thomson Reuter Impact Factor – 4.213.
6. Namita Sengar, Malay Kishore Dutta and Carlos M. Travieso, “Computer Vision Based Technique for Identification and Quantification of Powdery Mildew Disease in Cherry Leaves” Computing, Springer Verlag Publisher, <https://doi.org/10.1007/s00607-018-0638-1>, 2018, pp- 1-3, Thomson Reuter Impact Factor– 1.589.
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8. Anjali Yadav, Namita Sengar, Ashish Issac, Malay Kishore Dutta, “Image Processing based Acrylamide detection from Fried Potato Chip Images using Continuous Wavelet Transform” - Computers and Electronics in Agriculture, Elsevier Publishers – Volume 145, February 2018, Pages 349–362. Thomson Reuter Impact Factor – 2.427.
9. Nitya Sujata, Apoorv Gupta, Adeeba Shakeel, Deepa Suhag, Rohan Bhattacharya, Sandip Chakrabarti, Biswarup Basu, Satyendra K Rajput, M.K.Dutta, Monalisa Mukherjee, “Sulphur-doped Single-crystalline 2G Graphene Quantum Dots: Scaling New Heights in Cancer Cell Bioimaging – Green Computing, Journal of Royal Society of Chemistry, - DOI: 10.1039/C8GC01638K, 2018, Thomson Reuter Impact Factor – 9.2.
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- Proliferative Diabetic Retinopathy from Fundus Images” *Computer Methods in Biomechanics and Biomedical Engineering: Imaging & Visualization*, Taylor & Francis Publishers, Volume 5, Issue 3- 2017 - Pages 195-207, Thomson Reuter Impact Factor – 1.901.
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 25. Garima Vyas, Malay Kishore Dutta & Jiri Prinosil “Improving the computational complexity and word recognition rate for Dysarthria speech using robust frame selection algorithm” *International Journal of Signal and Imaging Systems Engineering*, Inderscience Publishers – Vol. 10, No. 3, PP. 136 -145, 2017.
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52. Varun Gupta, M.K.Dutta, Namita Sengar & Carlos Travieso González "Adaptive Threshold Based Automated Identification of Severity of Diabetic Macular Edema from Retinal Images" International Conference on Applications of Intelligent Systems, APPIS, January 2018, Las Palmas de Gran Canaria, Spain. Proceedings will be published by IOS Press.
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