

Publications

<i>Research Publications</i> Books/ Manuals	Papers in Refereed International Journals	Written Discussions in Refereed International Journals	Contributed papers in Conference or Symposium
00	12	12	37

Citations	205
h-index	06
i10-index	03

LIST OF PUBLICATIONS

International Journal

1. S V Aruna Kumar, B S Harish and P Shivakumara., "A Novel Fuzzy Clustering based System for Medical Image Segmentation", International Journal of Computational Studies (Accepted for Publications).
2. B S Harish and S V Aruna Kumar., "Anomaly based Intrusion Detection using Modified Fuzzy Clustering", International Journal of Interactive Multimedia and Artificial Intelligence, 2017, Vol. 4, No. 6, pp. 54 – 59.
3. S V Aruna Kumar and B S Harish., "A Modified Intuitionistic Fuzzy Clustering Algorithm for Medical Image Segmentation", Journal of Intelligent Systems, 2017 (DOI 10.1515/jisys-2016-0241).
4. C K Roopa and B S Harish., "A Survey on various Machine Learning Approaches for ECG Analysis", International Journal of Computer Applications, 2017, Vol. 163, No. 9, pp. 25 – 33.
5. M B Revanasiddappa and B S Harish., "A Comprehensive Survey on various Feature Selection Methods to Categorize Text Documents", International Journal of Computer Applications, 2017, Vol. 164, No. 8, pp. 1 – 7.
6. S V Aruna Kumar and B S Harish., "Segmenting Medical Images using Computational Intelligence Techniques", International Journal of Information Processing, Vol. 9, No. 1, pp. 48 – 56, 2015.
7. B S Harish, S Manjunath and D S Guru., "Text Document Classification: An Approach based on Indexing", International Journal of Data Mining & Knowledge Management Process (IJDKP), vol. 2, No. 1, pp. 43 – 62, 2012.

8. S N Bharath Bhushan, D S Guru and B S Harish., "A Novel Approach for Text Classification Based on LZW Compression Techniques", *International Journal of Machine Intelligence*, vol. 3, No. 4, pp. 364 – 370, 2011.
9. B S Harish, S Manjunath and D S Guru., "Cluster based Text Classification: A Symbolic Approach", *International Journal of Computer Applications*, vol. 1, No. 1, pp. 38 – 44, 2011.
10. B S Harish, D S Guru and S Manjunath., "Representation and Classification of Text Documents: A Brief Review", *International Journal of Computer Applications Special Issue on Recent Trends in Image Processing and Pattern Recognition*, pp. 110 – 119, 2010.
11. Bapu B Kiranagi, S Manjunath, B S Harish and D S Guru., "MNV for Clustering Non Symmetric Symbolic Proximity Matrices", *International Journal of Recent Trends in Engineering*, vol. 2, No. 1, pp. 121 – 124, 2009.

International Conferences

12. M B Revanasiddappa and B S Harish., "A New Framework to Categorize Text Documents using SMTP Measure", *Soft Computing: Theories and Applications (SoCTA 2017) (Springer)*, 2017.
13. C K Roopa and B S Harish., "An empirical evaluation of Savitzky-Golay (SG) filter for denoising ST segment", *Springer Third International Conference on Cognitive Computing and Information Processing (CCIP 2017) (Springer) 2017*.
14. B S Harish, Anukarsh Prasad, Sanjana S and Skanda Bhat., "Sentiment Analysis for Sarcasm Detection on Streaming Short Text Data", *2nd International Conference on Knowledge Engineering and Applications (ICKEA 2017), London, 21 – 23, October (Accepted)*.
15. M S Maheshan, B S Harish and M B Revannasiddappa., "Indexing based Classification: An Approach towards Classifying Text Documents", *4th International Conference on Information System Design and Intelligent Applications, Vietnam, (Springer – Advances in Intelligent Systems and Computing Series), June 2017 (Accepted)*.
16. H Raghav Rao, K Karthik, S S Nikhil, K S Srujan, B S Harish and H M Keerthi Kumar., "Classification of Amazon Book Reviews based on Sentiment Analysis", *4th International Conference on Information System Design and Intelligent Applications, Vietnam, (Springer – Advances in Intelligent Systems and Computing Series), June 2017 (Accepted)*.

17. H M Keerthi Kumar and B S Harish., "Classification of short text using various preprocessing techniques: An Empirical Evaluation", 5th International Conference on Advanced Computing, Networking and Informatics (ICACNI 2017) (Springer – Advances in Intelligent Systems and Computing Series), June 2017 (Accepted).
18. B S Harish, Aruna Kumar S V, Franscesco Masulli and Stefano Rovetta., "Adaptive Initialization of Cluster Centers Using Ant Colony Optimization: Application to Medical Images", 6th IAPR International Conference on Pattern Recognition Methods and Applications (Scopus, DBLP, SCITEPRESS), pp. 591 – 598, Porto, Portugal, 2017.
19. M B Revannasiddappa and B S Harish., "Clustering Text Documents using Kernel Possibilistic C-Means", International Conference on Cognition and Recognition (ICCR 2016), September 2016, India.
20. B S Harish, M B Revanasiddappa and Aruna Kumar S V., "A Modified Support Vector Clustering Method for Document Categorization", IEEE International Conference on Knowledge Engineering and Applications (ICKEA 2016) (IEEE, Scopus and Google Scholar), Singapore, 2016.
21. Aruna Kumar S V, B S Harish and V N Manjunath Aradya., "A Picture Fuzzy Clustering Approach for Brain Tumor Segmentation", IEEE Second International Conference on Cognitive Computing and Information Processing (CCIP 2016) (IEEE), 12 – 13 August, 2016.
22. Aruna Kumar S V and B S Harish "Spot detection in Microarray Images: An Approach based on Fuzzy Clustering", International Conference on Recent Trends in Engineering and Material Sciences (ICEMS 2016) (Elsevier Publications), 17 – 19 March, 2016.
23. B S Harish, M B Revanasiddappa and Aruna Kumar S V., "Symbolic Representation of Text Documents using Multiple Kernel FCM", 3rd International Conference on Mining Intelligence and Knowledge Exploration (MIKE 2015) (Springer LNAI), 9 – 11 December, pp. 93 – 102, 2015.
24. Aruna Kumar S V, B S Harish, D S Guru and Minh Ngoc Ngo., "A Novel Iris Segmentation Algorithm based on Small Eigenvalue Analysis", 7th International Conference on Graphic and Image Processing (ICGIP 2015) (SPIE Indexed), 23 – 25 October, Singapore, Vol. 9817, 2015.
25. Aruna Kumar S V and B S Harish., "Segmenting MRI brain Images using Evolutionary Computation Techniques", International Conference Cognitive Computing and Information Processing (CCIP) (IEEE), 3rd – 4th March, 2015.

26. M B Revanasiddappa, B S Harish and S Manjunath., "Document Classification using Symbolic Classifiers", International Conference on Contemporary Computing and Informatics (IC³I) (IEEE), 27th – 29th, Mysore, pp. 299 – 303, 2014.
27. Aruna Kumar S V and B S Harish., "Segmenting MRI Brain Images using novel Robust Spatial Kernel FCM (RSKFCM)", International Conference on Eighth International Conference on Image and Signal Processing (Elsevier), 25 – 27th July, Bangalore, pp. 38 – 44, 2014.
28. B S Harish, Aruna Kumar S V and S Manjunath., "Classifying Text Documents using Unconventional Representation", International Conference on Big Data and Smart Computing (BigComp 2014) (IEEE), 15 – 17th January, Bangkok, Thailand, pp. 210 – 216, 2014.
29. B S Harish and B Udayasri., "Document Classification: An Approach Using Feature Clustering", Recent Advances in Intelligent Informatics, Advances in Intelligent Systems and Computing (Springer), vol. 235, pp. 163 – 173, 2013.
30. B S Harish, Bhanu Prasad and B Udayasri., "Classification of Text Documents using Adaptive Fuzzy C-Means Clustering", Recent Advances in Intelligent Informatics, Advances in Intelligent Systems and Computing (Springer), vol. 235, pp. 163 – 173, 2013.
31. B S Harish, Aditi Hegde, Ompriya, D G Spoorthy and D Sushma., "Classification of Plant Leaves Using Morphological Features and Zernike Moments", Second International Symposium on Pattern Recognition and Image Processing (IEEE), pp. 1827 – 1837, 2013.
32. Elham D, D S Guru and B S Harish., "Symbolic Classification of Traffic Videos", Proceedings of 1st International Conference on Multimedia Processing, Communication and Computing Applications, December 13 – 15, 2012, Bangalore, India.
33. B S Harish, S Manjunath and D S Guru., "Text Classification using Symbolic Similarity Measure", In the Proceedings of The Second International Conference on Computational Science, Engineering and Information Technology, Proceedings of ACM International Conference Proceedings Series (ICPS), October 2012, India, pp. 308 – 311.
34. B S Harish, Ramya Hegde, N Neethi and M Meghana., "An Empirical Study on Various Text Classifiers", In the Proceedings of The Second International Conference on Computational Science, Engineering and Information Technology, Proceedings of

- ACM International Conference Proceedings Series (ICPS), October 2012, India, pp. 584 – 590.
35. B S Harish, D S Guru, S Manjunath and Babu B Kiranagi., "Symbolic Similarity and Symbolic Feature Selection for Text Classification", Bilateral Russian-Indian Scientific Workshop on Emerging Applications of Computer Vision, November 1 – 5, 2011, Moscow, Russia, pp. 141 – 146.
 36. B S Harish, D S guru and S Manjunath., "Classification of Text Documents using B-Tree", In the Proceedings of The Second International Conference on Computer Science and Information Technology, Springer Publishers, Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering (LNICST) Series, January 2 – 4, 2012, Bangalore, India, Vol. 85, pp. 627 – 636.
 37. S Manjunath, D S Guru, M G Suraj and B S Harish., "A Non Parametric shot boundary detection: An eigen gap approach", In the Proceedings of Fourth Annual ACM Compute 2011, March 25 – 26, Bangalore, India (2011).
 38. B S Harish, D S Guru, S Manjunath and R Dinesh., "Cluster Based Symbolic Representation and Feature Selection for Text Classification", In the proceedings of Sixth International Conference on Advanced Data Mining and Applications, Springer-Verlag, Berlin Heidelberg, LNAI, Chongqing, China, November, 19 – 21, pp. 158 – 166, 2010.
 39. S Manjunath, B S Harish and D S Guru., "Dissimilarity Based Feature Selection for Text Classification: A Cluster Based Approach", In the proceedings of ACM International Conference and Workshop on Emerging Trends and Technology, Feb 25 -26, 2011, Mumbai, India, Association of Computing Machinery, New York, NY, USA, pp. 495 – 499.
 40. B S Harish, D S Guru, S Manjunath and Babu B Kiranagi., "A symbolic approach for text classification based on dissimilarity measure", In the proceedings of ACM First International Conference on Intelligent Interactive Technologies and Multimedia, Allahabad, India, Association of Computing Machinery, New York, NY, USA, pp. 106 – 109, 2010.
 41. R Dinesh, B S Harish, D S Guru and S Manjunath., "Concept of Status Matrix in Classification of Text Documents", In the Proceedings of 4th Indian International Conference on Artificial Intelligence (IICAI-09), December 16th – 18th, India, pp. 2071 – 2079, 2009.

42. B S Harish, D S Guru and S Manjunath., "Clustering of Textual Data: A Brief Survey", In the Proceedings of International Conference on Signal and Image Processing (ICSIP-09), August 12th--14th, India, pp. 409 – 413, 2009.
43. Bapu B Kiranagi, B S Harish and D S Guru., "New Symbolic proximity approximation techniques and clustering algorithms", In the Proceedings of International Conference on Signal and Image Processing (ICSIP-09), August 12th – 14th, India, pp. 365—366 (2009).
44. D S Guru, B S Harish and S Manjunath., "Symbolic Representation of Text Documents", In the proceedings of Third Annual ACM Compute 2010, January 22 – 23, Bangalore, India (2010).

National Conferences

45. "A Review on Classification of Text Documents" in National Seminar on Recent Trends in Image Processing and Pattern Recognition (RTIPPR 2010), 15 to 16 February 2010, Bidar, Karnataka, India.
46. "A Review on Offline Handwritten Script Identification" in National Conference on Advanced computing and Communications - NCACC-12, 27 – 28, April 2012, Shimoga, Karnataka, India, pp. 246 – 250.

Communications

47. "Segmentation of Medical Images: Importance & its Challenges", Vol. 09, No. 8, November 2015, pp. 34 – 35.
48. "Technical Trends in Automated Machine Translation System" in CSI Communication, Vol. 39, No. 4, July 2015, pp. 14 – 15.