

Research Publications (APA format)
of Dr. Namita Aggarwal (Computer Science Dept, KMV)

Summary of Research Publications

Name	Total Publications in International Journals	Total Publications in International Conferences	Book Chapter/ Periodicals/ Newsletters	Total Publications
Dr. Namita Aggarwal	6	4	2	12

Publications in International Journals

1. **(SCI Indexed, Impact Factor: 2.338)**
Aggarwal, N., Rana, B., & Agrawal, R. K. (2019). Role of surfacelet transform in diagnosing Alzheimer's disease. *Multidimensional Systems and Signal Processing*, 30(4), 1839-1858.
2. Aggarwal, N., Rana, B., Agrawal, R. K., & Kumaran, S. (2015). A combination of dual-tree discrete wavelet transform and minimum redundancy maximum relevance method for diagnosis of Alzheimer's disease. *International journal of bioinformatics research and applications*, 11(5), 433-461.
3. **(SCI Indexed, Impact Factor: 1.254)**
Aggarwal, N., Rana, B., & Agrawal, R. K. (2015). 3d discrete wavelet transform for computer aided diagnosis of Alzheimer's disease using t1-weighted brain MRI. *International Journal of Imaging Systems and Technology*, 25(2), 179-190.
4. Aggarwal, N., Rana, B., & Agrawal, R. K. (2012). Classification of alzheimer's from t2 trans-axial brain mr images: A comparative study of feature extraction techniques. *International Journal of Computer Vision and Image Processing (IJCVIP)*, 2(3), 30-43.
5. **(SCI Expanded Indexed, Impact Factor: 0.589)**
Rajput, G., Agrawal, R. K., & Aggarwal, N. (2012). Performance Evaluation of Exponential Discriminant Analysis with Feature Selection for Steganalysis. *Defence science journal*, 62(1).
6. Aggarwal, N., & Agrawal, R. K. (2012). First and second order statistics features for classification of magnetic resonance brain images.

Publications in International Conferences

1. Aggarwal, N., Rana, B., & Agrawal, R. K. (2013, May). Detection of Alzheimer's disease via statistical features from brain slices. In *The Twenty-Sixth International FLAIRS Conference*.
2. Aggarwal, N., & Agrawal, R. K. (2012, June). Computer Aided Diagnosis of Alzheimer's Disease from MRI Brain Images. In *International Conference Image Analysis and Recognition* (pp. 259-267). Springer, Berlin, Heidelberg.
3. Bala, M., Aggarwal, N., & Agrawal, R. K. (2010). Performance Evaluation of Intrusion Detection System Using Optimal Decision Tree SVM. In *DMIN 2010: proceedings of the 2010 international conference on data mining (Las Vegas NV, July 12-15, 2010)* (pp. 98-105).
4. Aggarwal, N., Agrawal, R. K., & Jain, H. M. (2009). Genetic algorithm to determine relevant features for intrusion detection. *Algarve, Portugal*, 75.

Book Chapter/Periodicals/Newsletters

1. Aggarwal, N., Rana, B., & Agrawal, R. K. (2014). Statistical Features-Based Diagnosis of Alzheimer's Disease using MRI. In *Computer vision and image processing in intelligent systems and multimedia technologies* (pp. 38-53). IGI Global.
2. Saxena, M., Aggarwal, N., Rana, B., Kumaran, S. S., Agrawal, R. K., & Behari, M. Computer Aided Diagnosis of Parkinson's Disease from T1-Weighted MRI.