

Dr. B.VinothKumar, Publication Details

S.No.	Publications	Year
1.	J. Prakash, E.Vimal, B. Vinoth Kumar and S.Priyadharshini, (2020), "Impact Analysis and Combating of Covid-19 Around The World", Journal of Analysis and Computation, Vol. 13 No. 7, 2020, pp. 1-11. (UGC Care Journal)	2020
2.	R Sandhya, J Prakash, B. Vinoth Kumar (2020), "Comparative Analysis of Clustering Techniques in Anomaly Detection in Wind Turbine Data", Journal of Xi'an University of Architecture & Technology, Vol. 12 No.3 2020, pp. 5684-5694.	2020
3.	V Senthil Kumar and B.Vinoth Kumar (2019) "Research on Sentimental Analysis Techniques", International Journal of Engineering and Advanced Technology, Vol. 8 No.S3 2019, pp.1263-1269. (Scopus Indexed)	2019
4.	B.Vinoth Kumar and G.R.Karpagam, (2018) "Reduction of Computation time in Differential Evolution based Quantization table optimization for the JPEG baseline algorithm" International Journal of Computational Systems Engineering, Inderscience Publishers Vol. 4 No.1 2018, pp.58-65.	2018
5.	I.Devi, G.R.Karpagam and B.Vinoth Kumar , (2017) "A Survey of Machine learning Techniques" International Journal of Computational Systems Engineering, Inderscience Publishers, Vol. 3 No.4 2017, pp.203-212.	2017
6.	B.Vinoth Kumar and G.R.Karpagam, (2017) "Single Versus Multiple Trial Vectors in Classical Differential Evolution for Optimizing the Quantization Table in JPEG Baseline Algorithm", ICTACT Journal on Soft Computing Vol. 7 No.4 2017, pp.1510-1516.	2017
7.	V Senthilkumar, B.Vinoth Kumar and P Saranya, (2017) "Normalized Pagecount andTextbased Metric for Computing Semantic Similarity between Web documents", Journal of Advanced Research in Dynamical and Control System, No.6, 2017, pp.1865-1875. (Scopus Indexed)	2017
8.	B.Vinoth Kumar and G.R.Karpagam, (2016) "Knowledge based Genetic Algorithm Approach to quantization table generation for the JPEG baseline algorithm" Turkish Journal of Electrical Engineering and Computer Sciences, Vol. 24 No.3. 2016, pp. 1615-1635. Indexed in Science Citation Index Expanded (SCI-E)	2016
9.	B.Vinoth Kumar and G.R.Karpagam, (2016) "A Problem Approximation Surrogate Model (PASM) for fitness approximation in optimizing the quantization table for the JPEG baseline algorithm" Turkish Journal of Electrical Engineering and Computer Sciences. Vol. 24 No.6. 2016, pp. 4623-4636. Indexed in (Science Citation Index Expanded (SCI-E))	2016
10.	B.Vinoth Kumar and G.R.Karpagam, (2016) "Knowledge based Differential Evolution approach to quantization table generation for the JPEG baseline algorithm", International Journal of Advanced Intelligence Paradigms, Inderscience Publishers. Vol. 8 No.1. 2016, pp. 20-41.(Scopus Indexed)	2016
11.	B.Vinoth Kumar and G.R.Karpagam, (2015) "Differential Evolution versus Genetic algorithm in optimizing the quantization table for JPEG baseline algorithm" International Journal of Advanced Intelligence Paradigms, Inderscience Publishers. Vol. 7 No.2. 2015, pp. 111-135.(Scopus Indexed)	2015
12.	B.Vinoth Kumar , G.R.Karpagam and N.Vijaya Rekha,(2015) "Performance Analysis of Deterministic Centroid Initialization Method for Partitional Algorithms in Image Block Clustering", Indian Journal of Science and Technology, Vol 8(S7), 63–73, April 2015. (Scopus Indexed)	2015
13.	S.Viswajaa, B.Vinoth Kumar and G.R.Karpagam, (2015) "A survey on Nature inspired Meta-Heuristics Algorithms in Optimizing the Quantization Table for the JPEG Baseline Algorithm. International Advanced Research Journal in Science, Engineering and	2015

	Technology, Vol. 2, No. 4, 2015, pp. 114-123.	
14.	S.P. Naresh, B.Vinoth Kumar and G.R.Karpagam, (2015) "A Literature Review on Quantization Table Design for the JPEG Baseline Algorithm", International Journal of Engineering and Computer Science, Vol. 4, No. 10, 2015, pp. 14686-14691.	2015