

**LIST OF FACULTY PUBLICATIONS IN REPUTED JOURNALS**

<b>S.No</b>	<b>Name of the faculty</b>	<b>Title of the Paper</b>	<b>Name of the journal, month, year, ISSN number, volume no, issue no, pp.no</b>	<b>Impact Factor of the Journal</b>	<b>Citation if any</b>
<b>Reputed Journals</b>					
1.	Dr.G.Vaira Suganthi	Genetic algorithm for feature selection in mammograms for breast masses classification	Computer Methods in Biomechanics and Biomedical Engineering: Imaging & Visualization 2023, VOL. 11, NO. 7, 2757–2768	Q2(0.49)	1
2.	Dr.G.Vaira Suganthi	Deep learning algorithm for breast masses classification in mammograms	IET Image Processing ISSN 1751-9659 2020, Vol. 14 Iss. 12, pp. 2860-2868	Q2(0.57)	52
3.	Dr.G.Vaira Suganthi	Pectoral Muscle Segmentation in Mammograms	Biomedical & Pharmacology Journal, September 2020. Vol. 13(3), p. 1357-1365	Q4(0.19)	11
4.	Dr.G.Vaira Suganthi	A Survey on Machine Learning Algorithms for the Diagnosis of Breast Masses in Mammograms	Current Medical Imaging, 2020. Vol.16, Issue.6, pp. 639-652	Q3(0.29)	5
5.	Dr.G.Vaira Suganthi	A Systematic Review of Energy Harvesting from Biomechanical Factors	Biomedical & Pharmacology Journal, December 2019. Vol. 12(4), p. 2063-2070	Q4(0.19)	5
6.	S Arun Inigo	A Review on Imaging Techniques and Artificial Intelligence Models for Osteoporosis Prediction.	Current Medical Imaging Volume 20, 2024	Q3(0.29)	-

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<b>Other Journals</b>					
7.	Dr.G.Vaira Suganthi	Classification of Breast masses in mammograms using Support Vector machine	International Journal of Computer Applications (IJCA) (ISSN :(0975 – 8887)	0.686	5
8.	Dr.G.Vaira Suganthi	A Novel Method for Privacy Preserving Data Publishing	International Journal of Advanced Research in Computer Science & Technology (IJARCST 2014), Vol. 2 Issue Special 1 Jan-March 2014	6.653	2
9.	Dr.G.Vaira Suganthi	Improving Time and Energy Efficiency in Data Center Networks	International Journal of Innovative Research in Science, Engineering and Technology, Volume 4, Special Issue 5, April 2015	8.423	-
10.	Dr.G.Vaira Suganthi	Breast Cancer Diagnosis in Mammography Images using 2D-DWT and Lesh Feature Extraction Technique	International Journal of Engineering Science and Computing (IJESC), Volume 6 Issue No. 6, June 2016	5.611	3
11.	Dr.G.Vaira Suganthi	Deep Learning Algorithm for the Classification of Retinal Diseases in Oct Images	International Journal of All Research Education and Scientific Methods (IJARESM), ISSN: 2455-6211, Volume 12, Issue 3, March-2024	8.536	-
12.	<b>Mr.S.Arun Inigo, Ms.T.Shanmugavalli, Ms. G.Maheswari Mr.P.Anand</b>	AI heart disease prediction system Using multi-atlas segmentation	YMER    ISSN : 0044-0477 VOLUME 22 : ISSUE 12 (Dec) – 2023. 1479 - 1492	5.7	-
13.	<b>Mr.P.Anand Mr.B.Arjun Balaji, Dr.M.Parvathy Mr.S.Arun Inigo Mr.M.Senthilkumar</b>	Efficient Breast Cancer Prediction Using MI Techniques	International Journal of Scientific Research in Engineering and Management (IJSREM) VOLUME :8 ISSUE:4	8.54	-
14.	<b>S. Arun Inigo Rajesh Kumar V Ashok Ram P.</b>	Real-Time Emotion Recognition System using Facial Expressions and Soft Computing methodologies	Journal of Science Technology and Research (JSTAR) 3 (1):1-14 (2022)	2.25	-
15.	<b>S. Arun Inigo</b>	General study on moving object segmentation methods for video	International J. Adv. Res. Comput. Eng. Technol.(IJARCET) VOLUME :1 ISSUE:8	6.52	6