

VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY

(AUTONOMOUS)

DEPARTMENT OF BIOMEDICAL ENGINEERING

FACULTY PUBLICATION DETAILS

ACADEMIC YEAR 2019-2020

NAME OF THE STAFF	TITLE OF THE PAPER	NAME OF THE JOURNAL	NATIONAL/INTERNATIONAL	MONTH YEAR	ISSUE NO, VOLUME & ISSUE	DOI NUMBER	LISTED IN SCOPUS/ WEB OF SCIENCE/ UGC CARE/OTHERS	IMPACT FACTOR
Dr.S.Mangai	Investigation on optimisation, prioritising and weight allocation techniques for load balancing and controlling multimedia traffic in wireless mesh network	International Journal of Business Information Systems	International	February 2020	Vol.33, No.02, ISSN: 1746-0972Page No:250-266	doi:10.1504/ijbis.2020.105161	Scopus	0.95
Dr.S.Mangai	Design and development of ankle foot orthosis using additive manufacturing technique	International journal of modern trends in engineering and science	International	February, 2020	Vol: 07 Issue: 02 ISSN: 2348-3121 Page No 1-11	-	Others	4.364
Dr.S.Mangai	EE-FMDRP: energy efficient - fast message distribution rounding protocol for vehicular ad-hoc networks	Journal of ambient intelligence and humanized computing	International	January, 2020	Vol :12 Issue :3 ISSN: 1868-5137 Page.No: 3877-3888	https://doi.org/10.1007/s12652-020-01730-8	Scopus	4.594

Dr.S.Mangai	Feature selection using multi – objective modified genetic algorithm in multimodal biometric system.	Journal of medical systems	International	June, 2019	Vol: 43 Issue:7 ISSN: 0148-6698 Page.No:1-11	https://doi.org/10.1007/s10916-019-1351-0	Scopus	5.227
M.Brindha, P.Georgiachr isselwyna	Detection of malaria parasites in blood sample using cascading method.	International journal of engineering applied sciences and technology	International	June, 2019	Vol: 4 Issue:2 ISSN: 2455-2143 Page.No:178-180	https://www.ijeast.com/papers/179-181,Tesma402,IJEAST.pdf	Others	4.982
Dr.S.Mangai	Ensembled population rescaled differential evolution with weighted boosting for early breast cancer detection.	Mobile networks and applications	International	October, 2019	Vol: 24 Issue:9 ISSN: 1572-8153 Page.No:1778-1792	https://doi.org/10.1007/s11036-019-01383-8	Scopus, Web of science	2.602
V.Vivekitha	Segmentation of multi – tumour from PET/CT images	International journal of innovative technology exploring engineering	International	October, 2019	Vol: 8 Issue:12S2 ISSN: 2278-3075 Page.No:170-176	DOI: 10.35940/ijitee.L1030.10812S219	Scopus coverage years: from 2018 to 2019	0.546