St. Joseph's college of Engineering
Department of ECE
Staff Publication List
Academic Year: 2018-2019

Sl. No	Publication details (Authors, Title, Journal, Volume, Issue, Pages, Year, ISSN, (DOI) etc.	Impact factor	SCI Scopus
1	R. Udaiyakumar, B. Vasudevana, M. Bhupeshwaran, D. Vigneswaran, "Domination of intra-pulse Raman scattering over third order dispersion on avoiding in-phase soliton interaction,"Optoelectronics and Advanced Materials – Rapid Communications Vol. 12, No. 11-12, November-December 2018, ISSN: 1842-6573	**0.390**	SCI
2	Maheswari.S, Dr.Reeba Korah, "Data hiding using YCbCr – DWT In addition to noise",International Journal of Engineering& Technology,volume 7(3.34)688-691.	**-**	Scopus
3	Vijayarajan.R and Avudaiammal, R Multiple MRI Image Fusion using Normalized Principal Components of DWT Sub bands, International Journal of Tomography & Simulation.pp.92-100.Vol 13 (2), 2019.	**-**	-
4	Vijayarajan.Rand Avudaiammal, R A Novel Bio-Key Based AES Image Cryptosystem". Computer Journal, vol. 12(5), April 2019.	**0.98**	SCI
5	Bharathababu.k, ReebaKorah, Swarnalatha.A "Vedic Multiplier Using NikhilamNavatascaramamDasatah Sutra ModernVLSI High Speed Multiplier" Journal of Electrical Engineering University "POLITEHNICA" Timisoara, Romania Vol. 18(2), 2018 P.419- 425 ISSN: 1582-4594.	**-**	-
6	E Anna Devi, J Martin Leo Manickam, "Reconnection of Wireless Sensor Network Partitions on Multi-Agent Platform,"International Journal of Business Analytics, Vol, 6, issue 1, pp. 43-54, 2019, ISSN: 2334-4547|EISSN: 2334-4555.	**-**	Scopus H index 8
7	P Julian, J Manickam, N Duraipandian, RV Kumar, Energy-Efficient Multihop Cooperative Multiple-Input-Multiple-Output Communications in Wireless Ad Hoc/Sensor	-	-

	Networks, Sensor letters, Vol.16, (12), pp. 944-950(7), 2018, ISSN: 1546-198X (Print): EISSN: 1546-1971.		
8	Karthikeyan, M. V.; Manickam, J. Martin Leo, "Efficient Bio-Signal Feature Based Secure Secret Key Generation Scheme a Simplified Model for Wireless Body Area Network (EFSKG Scheme),"Journal of Medical Imaging and Health Informatics, Vol.8, (5), 2018, pp. 863-871(9), ISSN: 2156-7018 (Print): EISSN: 2156-7026.	0.499	SCI
9	Anna Devi, E. and Martin Leo Manickam, "Identifying Partitions in Wireless Sensor Network," International Journal of Parallel Programming, pp.1-14, Aug 2018, ISSN: 0885-7458 (Print) 1573-7640.	1.258	SCI
10	K Vijayalakshmi, J Martin Leo Manickam, "Mobile data gathering using PSO and minimum covering spanning tree clustered WSN,"International Journal of Mobile Network Design and Innovation, Vol. 8, issue 2, pp. 101-110, ISSN:17442869, E. ISSN: 17442850, 2018.	-	Scopus H index 11
11	R.Prabhu, A.AlaguRaja,"Urban Slum Detection Approaches from High Resolution Satellite Data Using Statistical and Spectral based Approaches", Journal of Indian Society of Remote Sensing (Springer), Vol.46, Issue 12,Pg 2033-2044,Dec 2018, ISSN NO: 0255-660X.	0.810	SCI
12	Sungeetha Dakshinamurthy and Keerthana.G, (2018), "Design and implementation of finite state machine using quantum –Dot cellular Automata(QCA)," International Journal of Reasoning – based Intelligent systems.	-	-
13	A Kirthanaa and G Anitha "Design and analysis of Efficient Scaled-down magnetic full adder using Magnetic Tunnel Junction". Research Journal of Pharmaceutical, Biological and Chemical Sciences.Vol.10, No.1 pp.340-353, 2019.	-	-
14	J. JeffineBene, E. Malarvizhi, A. Sivasubramanian, "Hardware Implementation of Particle Swarm Optimization based Solar MPPT	-	Scopus

	Using PIC Microcontroller,"Journal of Advanced Research in Dynamical and Control Systems, ISSN 1943-023X, Volume11, Issue:Special issue,Pages:1539-1545, 2019.		H index 17
15	Mrs.P.Elaveni, V.T.Sivasubbu, R.Vignesh, "A Novel Approach to Brain Tumour Detection," JETIR Volume 6, Issue 5, pp.54-58, ISSN-2349-5162,May 2019.	-	-
16	V. VikramGnanaraj, P.Ranjana, P. Thenmozhi, "Patient Monitoring and Control System using Internet of Thing," International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-8, Issue-6S3, pp:120-123, April 2019	-	-
17	D. Muruganandam& J. Martin Leo Manickam, "An efficient technique for mitigating stealthy attacks using MNDA in MANET," The Natural Computing Applications Forum 2018, S15–S22.	-	-
18	S.Rajeshkannan, B.Vasudevan and J.Sivakumar, "An adaptive chromosome based cost aggregation approach for developing a high quality stereo vision model", International Journal of Electrical Engineering, May, 2019.	-	-
19	S.Rajeshkannan and KeerthanaRajavel, "Enabled Stroke Rehabilitation System Based on Wavelet Transform", Journal of Computational and Theoretical Nanoscience, May 2019.	-	Scopus H index 47
20	P.Ezhilarasi, S.Rajeshkannan and P.Gokulaprasad"Smart Health Monitoring Band" Journal of Computational and Theoretical Nanoscience, May 2019	-	Scopus H index 47

St. Joseph's college of Engineering
Department of ECE
Staff Publication List
Academic Year: 2018-2019

Conference Publications

Sl. No	Publication details (Authors, Title, Journal, Volume, Issue, Pages, Year, ISSN, (DOI) etc.	Web of science
1.	Malarvizhi, J Kamala, A Sivasubramanian, "**Implementation of Enhanced Global search Particle Swarm Optimization Algorithm for Photovoltaic Systems" March** 2019 Fifth International Conference on Science Technology Engineering and Mathematics (ICONSTEM),Volume1,Pages:546-552.	Publisher:IEEE