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Wireless Communication, Speech Processing

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List of Publications

1.	A novel automated system of discriminating Microaneurysms in fundus images DJ Derwin, ST Selvi, OJ Singh, BP Shan Biomedical Signal Processing and Control 58, 101839	2020
2.	Discrimination of microaneurysm in color retinal images using texture descriptors DJ Derwin, ST Selvi, OJ Singh Signal, Image and Video Processing 14 (2), 369-376	2020
3.	Secondary observer system for detection of microaneurysms in fundus images using texture descriptors DJ Derwin, ST Selvi, OJ Singh Journal of Digital Imaging 33 (1), 159-167	2020
4.	Effective Scheduling Policies to Optimize Radio Resources between NR-gNodeB and Device to Device Systems in 5G NA Priyadharsini, ST Selvi Wireless Personal Communications 109 (2), 1071-1093	2019
5.	Source compression in two-way two-relay network using compute-and-forward relaying V Jeyalakshmi, ST Selvi AEU-International Journal of Electronics and Communications 95, 349-354	2018
6.	Performance analysis of a spectrally efficient QAM coherent OFDM optical link P Rishi, ST SELVI Optoelectronics and Advanced Materials-Rapid Communications 12 (May-June ...	2018
7.	Mitigation of non linear effects using non linear transform in dispersion managed coherent optical OFDM systems P Rishi, S Tamilselvi Journal of Computational and Theoretical Nanoscience 15 (2), 551-557	2018
8.	Communications (AEU) V Jeyalakshmi, ST Selvi	2018
9.	Performance analysis of energy efficient virtual back bone path based cluster routing protocol for WSN EG Julie, S Tamilselvi, YH Robinson Wireless Personal Communications 91 (3), 1171-1189	2016
10.	A survey on Blood Vessel and Optic Disc Segmentation on Retinal Images TSS Jeba Derwin.d, Janisha.S.A	2016

	International Journal of Engineering Science Invention Research and ...	
11.	Development of energy efficient clustering protocol in wireless sensor network using neuro-fuzzy approach EG Julie, S Selvi The Scientific World Journal 2016	2016
12.	Four-stage feature selection to recognize emotion from speech signals A Milton, ST Selvi International Journal of Speech Technology 18 (4), 505-520	2015
13.	Zero intersymbol interference multiuser system: a new architecture utilising m-sequence cyclic property SL Stewart, ST Selvi IET Communications 9 (15), 1924-1931	2015
14.	Precoder based collaborative blind multiuser detection of CDMA signals SL Stewart, ST Selvi Wireless Personal Communications 83 (1), 135-148	2015
15.	Design of parallel conversion multichannel analog to digital converter for scan time reduction of programmable logic controller using FPGA G Dhanabalan, ST Selvi Computer Standards & Interfaces 39, 12-21	2015
16.	Efficient scheduling of scientific workflows with energy reduction using novel discrete particle swarm optimization and dynamic voltage scaling for computational grids M Christobel, S Tamil Selvi, S Benedict The Scientific World Journal 2015	2015
17.	Reliable Virtual Cluster-Based Opportunistic Routing Protocol for Mobile Ad hoc Networks ESR Vigita, EG Julie, ST Selvi Artificial Intelligence and Evolutionary Algorithms in Engineering Systems ...	2015