

Electrical Engineering Department

College of Engineering/King Khalid University

Publications List for the Academic Year: 1439/1440 H

1. Mohammed Farrag, "Secure differential compressive spectrum sensing with 1-bit quantisation", IET Communications, Volume 13, Issue 6, April 2019, p. 637 – 641
2. M. Abo-Zahhad, S. M. Ahmed, M. Farrag and K. A. BaAli, "Primary User Detection in Cognitive Radio Networks Over Fading Channel Using Compressed Sensing," 2018 doi: 10.1109/JEC-ECC.2018.8679570 International Japan-Africa Conference on Electronics, Communications and Computations (JAC-ECC), Alexandria, Egypt, 2018, pp. 5-8.
3. M. Usman, M. Zubair, M. Shiblee, P. Rodrigues and S. Jaffar "Probabilistic Modeling of Speech in Spectral Domain using Maximum Likelihood Estimation", Symmetry-Basel, MDPI vol.10, issue 12, article 750, December 2018.
4. M. Usman, M. Wajid, M.Z. Shamim, M.D. Ansari, V.K. Gunjan, "Threshold detection scheme based on parametric distribution fitting for optical fiber channels", Recent Patents on Computer Science, (SCOPUS), Bentham Science.
5. M. Usman, M. Zubair, M. Shiblee, P. Rodrigues and S. Jaffar "Probabilistic Modeling of Speech in Spectral Domain using Maximum Likelihood Estimation", Symmetry-Basel, MDPI vol.10, issue 12, article 750, December 2018
6. Mohammed Usman, Mohammed Zubair, Zeeshan Ahmad, Monji Zaidi, Thafasal Ijyas, Muneer P., Mohd. Wajid, Mohammad Shiblee, Paul Rodrigues, Syed Jaffar, Heart rate estimation from speech signals using machine learning and cloud computing, Journal Basic and Clinical Pharmacology and Toxicology, Wiley, Impact Factor 2.659. (Accepted)
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8. M. Z. Shamim, M. Zaidi, S. Persheyev, M. Usman, M. Shiblee, & S. J. Ali (2019) Synthesis of lithography-free silicon micro-nano electron field emitters using pulsed excimer laser assisted metal induced crystallization, Integrated Ferroelectrics, An International Journal Impact factor 0.367, Journal Citation Reports® 2017. (Accepted)
9. M. Z. Shamim, M. Zaidi, S. Persheyev, M. Usman, M. Shiblee, & S. J. Ali (2019) Laser irradiated micro-nano engineered amorphous silicon film electron field emitter arrays, Integrated Ferroelectrics, An International Journal Impact factor 0.367, Journal Citation Reports® 2017. (Accepted)

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11. H. S. Hussein, M. Elsayed, U. S. Mohamed, H. Esmail and E. M. Mohamed, "Spectral Efficient Spatial Modulation Techniques," in IEEE Access, vol. 7, pp. 1454-1469, 2019. doi: 10.1109/ACCESS.2018.2885826
12. H. S. Hussein, M. Elsayed, M. Fakhry and U. S. Mohamed, "Energy and Spectrally Efficient Modulation Scheme for IoT Applications," in Sensors, vol. 18, no. 12, 2018, pp. 1-20
13. E. A. A. Elsheikh et al., "Air Born Dust Particles Effects On Microwave Propagation In Arid-Area," 2018 7th International Conference on Computer and Communication Engineering (ICCCE), Kuala Lumpur, 2018, pp. 412-415. doi: 10.1109/ICCCE.2018.8539311
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29. M. Abbas , H. Loukil "Logic Based Approach for Analysis of Nucleotide Sequences in Typical Case" 14th Annual Research Day, pp 152-159.
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32. M. A. Muqet, Z. Ahmad, M. S. Habeed, "Design of 8b Multiplying Digital to Analog Converter in Current mode using Glitch Reduction Technique", In the Proceedings of 14th Annual Research Day, College of Engineering, King Khalid University, Saudi Arabia, April 04, 2019.
33. Mohammad Fazle Azeem, Hamid Naseem, Muneer Parayangat, "Control Strategies for Liquid Level Control in Twin Tank System", 14th Annual Research Day, Organized by the Deanship of Scientific Research in Collaboration with the College of Engineering Research Centre, 4th April 2019.
34. Zakaria M. Elbarbary, Mohamed Fazle Azeem, "Adaptive Fuzzy Based IRFOC of Speed Sensorless Six-phase Induction Motor Drive System", *Journal of Circuits, Systems, and Computers*, In Press.

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