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Area of Specialisation: Signal Processing

List of Publications

1. Ascar Davix, X, Seldev Christopher C, **Judson, D**, "Detection of the Vehicle License Plate Using a Kernel Density with Default Search Radius Algorithm Filter", April 2020, *Elesvier-Optik*.
2. Selvaraj, K, **Judson, D**, Ganeshkumar, P and Anandaraj, M "Low complexity linear detection for Multiuser MIMO SC-FDMA Uplink Transmission system", Jan 2020, *Springer-Wireless Personal Communication*,
3. **Judson, D**, Bhaskar, V, Arun, S "Space Time Regularized Zero Forcing in Downlink Code Division Multiple Access Systems with Complementary Codes", May 2019, *Springer-Wireless Personal Communication*,
4. Ascar Davix, X, **Judson, D** "Successive Interference Cancellation in Asynchronous CC-CDMA Systems under Rician Fading Channels", March 2019, *Springer-Telecommunication systems*.
5. **Judson, D**, Bhaskar, V "Interference cancellation in complementary coded CDMA in Rician fading channels", April 2018, doi.org/10.1007/s11277-018-5732-3, *Springer-Wireless Personal Communication*.
6. **Judson, D**, Bhaskar, V, Selvaraj, K, "Pre-Equalization Schemes for MIMO CC-CDMA Systems over Frequency-Selective Fading Channels", *Springer-Wireless Personal Communication*, vol 98, no.1, pp. 1587–1603, 2018.
7. **Judson, D**, Bhaskar, V, "Error Rate Analysis of SIMO-CDMA with Complementary Codes Under Multipath Fading channels", *Springer-Wireless Personal Communication*, Aug 2017, doi.org/10.1007/s11277-017-4938-0.
8. **Judson, D** & Albert Raj, A, "Performance of Multicarrier Complementary Coded CDMA under Frequency-Selective Nakagami-m Fading Channels", *Springer-Eurasip journal on Wireless Communication and Networking*, vol 2016, no. 67, pp. 1-9, 2016.
9. **Judson, D**, Bhaskar, V, Albert Raj, A, "Performance of CHMA Systems using orthogonal Complementary Codes under diversity Incorporated Fading channels", *Journal of Telecommunication systems and Management*, Aug 2016 doi: 10.4172/2167-0919.1000136.
10. **Judson, D**, Ascar Davix, X, 2018, 'Performance Comparison of MIMO CDMA Systems Using Orthogonal Complementary Codes', Proceedings of ICEETS-2018, SSRN eLibrary of ELSEVIER.
11. Ascar Davix, X, **Judson, D**, 2018, 'Adaptive Hierarchical Clustering Segmentation of Multiresolution Remote Sensing Images', Proceedings of ICEETS-2018, SSRN eLibrary of ELSEVIER