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LIST OF PUBLICATIONS

- 1.Jagadeesh, V. K., K. V. Naveen, and P. Muthuchidambaranathan. "BER Performance of NLOS Underwater Wireless Optical Communication with Multiple Scattering." WASET - International Journal of Electrical, Computer, Electronics and Communication Engineering, 9(2), 280 – 283.
- 2.Jagadeesh, V. K., VineethPalliyembil, P. Muthuchidambaranathan, and Francis M. Bui. "Free space optical communication using subcarrier intensity modulation through generalized turbulence channel with pointing error." Microwave and Optical Technology Letters57, no. 8 (2015): 1958-1961.
- 3.Vellakudiyan, Jagadeesh, Palanivel Muthuchidambaranathan, Francis Minhthang Bui, and Vineeth Palliyembil. "Performance of a subcarrier intensity modulated differential phase-shift keying over generalized turbulence channel."AEU-International Journal of Electronics and Communications 69, no. 11 (2015): 1569-1573.
- 4.Surendar, M., and P. Muthuchidambaranathan. "Low complexity and high diversity gain non-linear constellation precoded MIMO-OFDM system with subcarrier grouping", Elsevier, AEU - International Journal of Electronics and Communications, Volume 70, Issue 3, March 2016, Pages 265-271, ISSN 1434-8411.
- 5.Surendar, M., K. Chaitanya and P. Muthuchidambaranathan. "Performance analysis of multiple relay cooperative communication over generalized κ - μ and η - μ fading channels", Elsevier, AEU - International Journal of Electronics and Communications, Volume 69, Issue 9, September 2015, Pages 1220-1225, ISSN 1434-8411.
- 6.Jagadeesh Vellakudiyan, Imran Shafique Ansari, Vineeth Palliyembil, Palanivel Muthuchidambaranathan, Khalid A Qaraqe, "Channel capacity analysis of a mixed dual-hop radio-frequency-free space optical transmission system with Málaga distribution", 2016/11/3, IET Communications, 10, issue 16, 2119-2124
- 7.Kamasani Chaitanya, Palanivel Muthuchidambaranathan, "Performance analysis of decode and forward relaying over dual-hop mixed fading channels", 2017/3/31, AEU-International Journal of Electronics and Communications, 73, 84-88.
- 8.M Surendar, P Muthuchidambaranathan, Average BER Performance of Orthogonal Space-Time Block Coding System with Antenna Selection Over Generalized η - μ Fading Channel, 2017/9/1, Wireless Personal Communications, Volume 96, Issue1, Pages 1407-1418.
- 9.Surendar maruthu, sourabh rajput, muthuchidambara Nathan, "Symbol Error Rate of QO-STBC Based Decode-and-Forward Cooperative Communication System over Generalized η - μ and κ - μ Fading Channels", 2017/2/13, IET Communications, Volume 11, Issue 9, 1379 – 1386

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LIST OF PUBLICATIONS

- 10.Sudheesh, P. G., Maurizio Magarini, and P. Muthuchidambaranathan (2017), “QoS-Data Rate Optimization for Fast Fading Interference Alignment X Network”, AEU-International Journal of Electronics and Communications (Article in Press)
- 11.Sudheesh, P. G., Mohammad Mozaffari, Maurizio Magarini, Walid Saad, and P. Muthuchidambaranathan, (2017), “Sum-Rate Analysis for High Altitude Platform (HAP) Drones with Tethered Balloon Relay”. IEEE Communications Letters. (Article in Press)
- 12.Sudheesh P G, Navuday Sharma, Maurizio Magarini, and P Muthuchidambaranathan, (2017), “Effect of imperfect CSI on interference alignment in multiple-High Altitude Platforms based communication”. Physical Communication. (Article in Press)
- 13.Sudheesh, P. G., Maurizio Magarini, and P. Muthuchidambaranathan , (2015), “Interference Alignment with Iterative Channel Estimation for the Reciprocal M X 2 MIMO X Network”, Physical Communication, Elsevier (Article in Press)
- 14.PG Sudheesh, Maurizio Magarini, P Muthuchidambaranathan, “Multiple-high altitude platforms aided system architecture for achieving maximum last mile capacity in satellite communication”, Telecommunication Systems, Springer US, pp 1-9, 2018.
- 15.Vineeth Palliyembil, Jagadeesh Vellakudiyan, Palanivel Muthuchidambaranathan, Theodoros A. Tsiftsis, “Capacity and outage probability analysis of asymmetric dual-hop RF-FSO communication systems”, IET Communications, 12, pp. 1979 – 1983, 2018.
- 16.Vineeth Palliyembil, Jagadeesh Vellakudiyan, Palanivel Muthuchidambaranathan, “Asymptotic bit error rate analysis of free space optical systems using spatial diversity”, Optics Communications, Elsevier, 427, 617-621, 2018.
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