

# Journal of Communications

## CONTENTS

---

### Volume 19, Number 8, 2024

- Analyze and Evaluate the Performance of Multimedia Data in Wireless Networks by Adjusting Parameters..... 350  
*Ngo Hai Anh and Nam-Tien Do*
- Performance Analysis of BPSK, QPSK and TQAM-16 Using the MGF Approach over  $\alpha$ - $\eta$ - $\mu$  Fading Channel..... 359  
*Jyoti Gupta and Ashish Goel*
- An Indoor to Outdoor RSSI Based Positioning System Using EKF with Different Distance Correction Algorithm 365  
*Ronal Tandiawan, Susilo Wibowo, and Rafina Destiarti Ainul*
- Investigation of Path Loss in a Complex Building Environment Using USRP and GNU Radio..... 375  
*Akinyele A. Itamakinde, Temitayo O. Ejidokun, Babatunde S. Adejumobi, Thokozani Shongwe, Emmanuel Adetiba, and Israel Esan Owolabi*
- Energy Efficient Routing for Internet-of-Things Based Agriculture in Rural Areas ..... 389  
*Mohammed Khomeini Bin Abu, Paulson Eberechukwu Numan, Kamaludin Mohamad Yusof, Mohamad Kamal Bin A. Rahim, Mohamad Rijal Bin Hamid, and Shaik Mazhar Hussain*