

Capacity and Outage of Terahertz Communications with User Micro-Mobility and Beam Misalignment

Role of Lubricating Oil Properties in Exhaust Particle Emissions of an Off-Road Diesel Engine

Characterizing Radio Wave Propagation in Urban Street Canyon with Vehicular Blockage at 28 GHz

Characterization and Performance Improvement of Cooperative Wireless Networks with Nonlinear Power Amplifier at Relay

Deformability analysis and improvement in stretchable electronics systems through finite element analysis

Moving Web and Dynamic Problem of Aerothermoelastic Vibrations and Instability

Frequency-selective PAPR reduction for OFDM

Capacity of Multiconnectivity mmWave Systems with Dynamic Blockage and Directional Antennas

Radio-Frequency Front-End Impairments
Performance Degradation in Nonorthogonal Multiple Access Systems

On the Degree of Multi-Connectivity in 5G Millimeter-Wave Cellular Urban Deployments

Enablers and barriers of smart data-based asset management services in industrial business networks

Analyzing Effects of Directionality and Random Heights in Drone-based mmWave Communication

Dual-frequency signal processing architecture for robust and precise positioning applications

Modeling Transmit Power Reduction for a Typical Cell with Licensed Shared Access Capabilities

The Impact of Interference from the Side Lanes on mmWave/THz Band V2V Communication Systems with Directional Antennas

Efficient Noise Variance Estimation under Pilot Contamination for Large-Scale MIMO Systems

Spatial Interpolation of Cyclostationary Test Statistics in Cognitive Radio Networks
Methods and Field Measurements

A Comprehensive Framework for Spectrum Sensing in Non-Linear and Generalized Fading Conditions

Characterization of Radio Links at 60 GHz Using Simple Geometrical and Highly Accurate 3-D Models

A New Miniaturized Sensor for Ultra-Fast On-Board Soot Concentration Measurements

Chasing measurements for real-world emissions of city buses

On the Temporal Effects of Mobile Blockers in Urban Millimeter-Wave Cellular Scenarios

Direct Connection on the Move
Characterization of User Mobility in Cellular-Assisted D2D Systems

Power quality in distribution networks with electric vehicle charging - A research methodology based on field tests and real data

Effects of strain rate and confining pressure on the compressive behavior of Kuru granite

Supporting deterministic medium access control in wireless vehicular communications

Experimental Investigation of Cyclic Variability on Combustion and Emissions of a High-Speed SI Engine

Experimental study on the behavior of wear resistant steels under high velocity single particle impacts

Evaluating Particulate Emissions from a Flexible Fuel Vehicle with Direct Injection when Operated on Ethanol and Iso-butanol Blends

Use of a PPS sensor in evaluating the impact of fuel efficiency improvement technologies on the particle emissions of a euro 5 diesel car

Applicability of the Pegasor particle sensor to measure particle number, mass and PM emissions

Application of the pegasor particle sensor for the measurement of mass and particle number emissions

Use of a catalytic stripper as an alternative to the original PMP measurement protocol

A system for real-time detection and tracking of vehicles from a single car-mounted camera

Exhaust particle sensor for OBD application