

Sofotasios PC, Bagheri A, Tsiftsis TA, Freear S, Shahzadi A, Valkama M. **A Comprehensive Framework for Spectrum Sensing in Non-Linear and Generalized Fading Conditions**. IEEE Transactions on Vehicular Technology. 2017 loka 1;66(10):8615-8631. <https://doi.org/10.1109/TVT.2017.2692278>

Kovalchukov R, Moltchanov D, Samuylov A, Ometov A, Andreev S, Koucheryavy Y et al. **Analyzing Effects of Directionality and Random Heights in Drone-based mmWave Communication**. IEEE Transactions on Vehicular Technology. 2018 loka;67(10):10064-10069. <https://doi.org/10.1109/TVT.2018.2857215>

Rostedt A, Ntziachristos LD, Simonen P, Rönkkö T, Samaras ZC, Hillamo R et al. **A New Miniaturized Sensor for Ultra-Fast On-Board Soot Concentration Measurements**. SAE International Journal of Engines. 2017 maaliskuu 28;10(4). <https://doi.org/10.4271/2017-01-1008>

Amanatidis S, Ntziachristos L, Samaras Z, Janka K, Tikkanen J. **Applicability of the Pegasor particle sensor to measure particle number, mass and PM emissions**. julkaisussa 11th International Conference on Engines and Vehicles, ICE 2013. Vuosikerta 6. 2013 <https://doi.org/10.4271/2013-24-0167>

Ntziachristos L, Amanatidis S, Samaras Z, Janka K, Tikkanen J. **Application of the pegasor particle sensor for the measurement of mass and particle number emissions**. julkaisussa SAE 2013 World Congress and Exhibition. Vuosikerta 2. SAE International. 2013 <https://doi.org/10.4271/2013-01-1561>

Caraffi C, Vojir T, Trefný J, Šochman J, Matas J. **A system for real-time detection and tracking of vehicles from a single car-mounted camera**. julkaisussa 2012 15th International IEEE Conference on Intelligent Transportation Systems, ITSC 2012. 2012. s. 975-982. 6338748 <https://doi.org/10.1109/ITSC.2012.6338748>

Petrov V, Moltchanov D, Koucheryavy Y, Jornet JM. **Capacity and Outage of Terahertz Communications with User Micro-Mobility and Beam Misalignment**. IEEE Transactions on Vehicular Technology. 2020 kesä 1;69(6):6822-6827. <https://doi.org/10.1109/TVT.2020.2988600>

Gerasimenko M, Moltchanov D, Gapeyenko M, Andreev S, Koucheryavy Y. **Capacity of Multiconnectivity mmWave Systems with Dynamic Blockage and Directional Antennas**. IEEE Transactions on Vehicular Technology. 2019 huhti 1;68(4):3534-3549. <https://doi.org/10.1109/TVT.2019.2896565>

Majidi M, Mohammadi A, Abdipour A, Valkama M. **Characterization and Performance Improvement of Cooperative Wireless Networks with Nonlinear Power Amplifier at Relay**. IEEE Transactions on Vehicular Technology. 2020;69(3):3244-3255. <https://doi.org/10.1109/TVT.2020.2964628>

Semkin V, Solomitckii D, Naderpour R, Andreev S, Koucheryavy Y, Räisänen AV. **Characterization of Radio Links at 60 GHz Using Simple Geometrical and Highly Accurate 3-D Models**. IEEE Transactions on Vehicular Technology. 2017 kesä 1;66(6):4647-4656. <https://doi.org/10.1109/TVT.2016.2617919>

Solomitckii D, Koucheryavy Y, Semkin V, Karttunen A, Petrov V, Nguyen SLH et al. **Characterizing Radio Wave Propagation in Urban Street Canyon with Vehicular Blockage at 28 GHz**. IEEE Transactions on Vehicular Technology. 2020 helmi 1;69(2):1227-1236. <https://doi.org/10.1109/TVT.2019.2959127>

Järvinen A, Karjalainen P, Bloss M, Potila O, Simonen P, Kuuluvainen H et al. **Chasing measurements for real-world emissions of city buses**. 2017. Julkaisun esittämisaika: European Aerosol Conference 2017, Zürich, Sveitsi.

Di Vito D, Mosallaei M, Vahed BK, Kanerva M, Mäntysalo M. **Deformability analysis and improvement in stretchable electronics systems through finite element analysis**. julkaisussa Carcaterra A, Graziani G, Paolone A, toimittajat, Proceedings of XXIV AIMETA Conference 2019. Springer. 2020. s. 755-763. (Lecture Notes in Mechanical Engineering). [https://doi.org/10.1007/978-3-030-41057-5\\_61](https://doi.org/10.1007/978-3-030-41057-5_61)

Orsino A, Moltchanov D, Gapeyenko M, Samuylov A, Andreev S, Militano L et al. **Direct Connection on the Move: Characterization of User Mobility in Cellular-Assisted D2D Systems**. IEEE Vehicular Technology Magazine. 2016 syys 1;11(3):38-48. <https://doi.org/10.1109/MVT.2016.2550002>

Bolla P, Lohan E-S. **Dual-frequency signal processing architecture for robust and precise positioning applications.** julkaisussa 2018 IEEE/ION Position, Location and Navigation Symposium, PLANS 2018. IEEE. 2018. s. 72-80  
<https://doi.org/10.1109/PLANS.2018.8373367>

Hokka M, Black J, Tkalic D, Fourmeau M, Kane A, Hoang NH et al. **Effects of strain rate and confining pressure on the compressive behavior of Kuru granite.** International Journal of Impact Engineering. 2016 touko 1;91:183-193.  
<https://doi.org/10.1016/j.ijimpeng.2016.01.010>

Iscar Vergara J, Guvenc I, Dikmese S, Rupasinghe N. **Efficient Noise Variance Estimation under Pilot Contamination for Large-Scale MIMO Systems.** IEEE Transactions on Vehicular Technology. 2018;67(4):2982-2996.  
<https://doi.org/10.1109/TVT.2017.2766226>

Ahonen T, Hanski J, Hyvärinen M, Kortelainen H, Uusitalo T, Vainio H et al. **Enablers and barriers of smart data-based asset management services in industrial business networks.** julkaisussa Lecture Notes in Mechanical Engineering. Pleiades Publishing. 2019. s. 51-60. (Lecture Notes in Mechanical Engineering). [https://doi.org/10.1007/978-3-319-95711-1\\_6](https://doi.org/10.1007/978-3-319-95711-1_6)

Karavalakis G, Short D, Chen V, Espinoza C, Berte T, Durbin T et al. **Evaluating Particulate Emissions from a Flexible Fuel Vehicle with Direct Injection when Operated on Ethanol and Iso-butanol Blends.** julkaisussa SAE 2014 International Powertrains, Fuels and Lubricants Meeting, FFL 2014. Vuosikerta 2014-October. SAE International. 2014  
<https://doi.org/10.4271/2014-01-2768>

Ntziachristos L, Fragkiadoulakis P, Samaras Z, Janka K, Tikkanen J. **Exhaust particle sensor for OBD application.** julkaisussa SAE 2011 World Congress and Exhibition. 2011 <https://doi.org/10.4271/2011-01-0626>

Karvountzis-Kontakiotis A, Ntziachristos L, Samaras Z, Dimaratos A, Peckham M. **Experimental Investigation of Cyclic Variability on Combustion and Emissions of a High-Speed SI Engine.** julkaisussa SAE 2015 World Congress and Exhibition. April toim. Vuosikerta 2015-April. SAE International. 2015 <https://doi.org/10.4271/2015-01-0742>

Lindroos M, Apostol M, Kuokkala VT, Laukkanen A, Valtonen K, Holmberg K et al. **Experimental study on the behavior of wear resistant steels under high velocity single particle impacts.** International Journal of Impact Engineering. 2015;78:114-127. <https://doi.org/10.1016/j.ijimpeng.2014.12.002>

Gokceli S, Levanen T, Riihonen T, Renfors M, Valkama M. **Frequency-selective PAPR reduction for OFDM.** IEEE Transactions on Vehicular Technology. 2019 kesä 1;68(6):6167-6171. <https://doi.org/10.1109/TVT.2019.2909643>

Mokrov E, Ponomarenko-Timofeev A, Gudkova I, Masek P, Hosek J, Andreev S et al. **Modeling Transmit Power Reduction for a Typical Cell with Licensed Shared Access Capabilities.** IEEE Transactions on Vehicular Technology. 2018 kesä;67(6):5505-5509. <https://doi.org/10.1109/TVT.2018.2799141>

Banichuk N, Ivanova S, Jeronen J. **Moving Web and Dynamic Problem of Aerothermoelastic Vibrations and Instability.** julkaisussa Indeitsev DA, Krivtsov AM, toimittajat, Advanced Problems in Mechanics: Proceedings of the 47th International Summer School-Conference on Advanced Problems in Mechanics, APM 2019. Springer. 2020. s. 66-71. (Lecture Notes in Mechanical Engineering). [https://doi.org/10.1007/978-3-030-49882-5\\_7](https://doi.org/10.1007/978-3-030-49882-5_7)

Gapeyenko M, Petrov V, Moltchanov D, Akdeniz MR, Andreev S, Himayat N et al. **On the Degree of Multi-Connectivity in 5G Millimeter-Wave Cellular Urban Deployments.** IEEE Transactions on Vehicular Technology. 2019 helmi;68(2):1973-1978. <https://doi.org/10.1109/TVT.2018.2887343>

Gapeyenko M, Samuylov A, Gerasimenko M, Moltchanov D, Singh S, Akdeniz MR et al. **On the Temporal Effects of Mobile Blockers in Urban Millimeter-Wave Cellular Scenarios.** IEEE Transactions on Vehicular Technology. 2017;66(11):10124-10138. <https://doi.org/10.1109/TVT.2017.2754543>

Supponen A, Rautiainen A, Markkula J, Mäkinen A, Järventausta P, Repo S. **Power quality in distribution networks with electric vehicle charging - A research methodology based on field tests and real data.** julkaisussa 2016 11th International Conference on Ecological Vehicles and Renewable Energies, EVER 2016. IEEE. 2016  
<https://doi.org/10.1109/EVER.2016.7476376>

Selim B, Muhaidat S, Sofotasios P, Al-Dweik A, Sharif B, Stouraitis T. **Radio-Frequency Front-End Impairments: Performance Degradation in Nonorthogonal Multiple Access Systems.** IEEE Vehicular Technology Magazine. 2019 maaliskuu;14(1). <https://doi.org/10.1109/MVT.2018.2867646>

Ovaska T, Niemi S, Sirviö K, Nilsson O, Karjalainen P, Rönkkö T et al. **Role of Lubricating Oil Properties in Exhaust Particle Emissions of an Off-Road Diesel Engine.** julkaisussa SAE WCX 2020 World Congress Experience. SAE International. 2020. 2020-01-0386. (SAE Technical Papers). <https://doi.org/10.4271/2020-01-0386>

Chaudhari S, Kosunen M, Mäkinen S, Chandrasekaran R, Oksanen J, Laatta M et al. **Spatial Interpolation of Cyclostationary Test Statistics in Cognitive Radio Networks: Methods and Field Measurements.** IEEE Transactions on Vehicular Technology. 2018;67(2):1113-1129. <https://doi.org/10.1109/TVT.2017.2717379>

Cruz C, Ferreira J, Oliveira A. **Supporting deterministic medium access control in wireless vehicular communications.** julkaisussa 2015 IEEE 82nd Vehicular Technology Conference, VTC Fall 2015 - Proceedings. IEEE. 2016  
<https://doi.org/10.1109/VTCFall.2015.7391160>

Petrov V, Kokkonen J, Moltchanov D, Lehtomäki J, Juntti M, Koucheryavy Y. **The Impact of Interference from the Side Lanes on mmWave/THz Band V2V Communication Systems with Directional Antennas.** IEEE Transactions on Vehicular Technology. 2018 kesä;67(6):5028-5041. <https://doi.org/10.1109/TVT.2018.2799564>

Ntziachristos L, Amanatidis S, Samaras Z, Giechaskiel B, Bergmann A. **Use of a catalytic stripper as an alternative to the original PMP measurement protocol.** julkaisussa SAE 2013 World Congress and Exhibition. Vuosikerta 2. SAE International. 2013 <https://doi.org/10.4271/2013-01-1563>

Amanatidis S, Ntziachristos L, Samaras Z, Kouridis C, Janka K, Tikkanen J. **Use of a PPS sensor in evaluating the impact of fuel efficiency improvement technologies on the particle emissions of a euro 5 diesel car.** julkaisussa SAE 2014 World Congress and Exhibition. Vuosikerta 1. SAE International. 2014 <https://doi.org/10.4271/2014-01-1601>