Uwe-Carsten Fiebig

List of Publications by Year
in descending order

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16 papers	759 citations	1040056 9 h-index	1058476 14 g-index
16 all docs	16 docs citations	16 times ranked	1006 citing authors

#	Article	IF	Citations
1	A Survey of Air-to-Ground Propagation Channel Modeling for Unmanned Aerial Vehicles. IEEE Communications Surveys and Tutorials, 2019, 21, 2361-2391.	39.4	450
2	Multipath Assisted Positioning with Simultaneous Localization and Mapping. IEEE Transactions on Wireless Communications, 2016, 15, 6104-6117.	9.2	168
3	Measurement of the l-band air-to-ground channel for positioning applications. IEEE Transactions on Aerospace and Electronic Systems, 2016, 52, 2281-2297.	4.7	26
4	Path loss models for trainâ€toâ€train communications in typical high speed railway environments. IET Microwaves, Antennas and Propagation, 2018, 12, 492-500.	1.4	20
5	A Wideband Satellite-to-Indoor Channel Model for Navigation Applications. IEEE Transactions on Antennas and Propagation, 2014, 62, 5307-5320.	5.1	18
6	Reflector Localization for Geometrical Modeling the Airâ€“Ground Channel. IEEE Transactions on Vehicular Technology, 2018, 67, 7994-8008.	6.3	15
7	Wideband Airâ€“Ground Channel Model for a Regional Airport Environment. IEEE Transactions on Vehicular Technology, 2019, 68, 6243-6256.	6.3	12
8	Characteristics of the NLoS Bias for an Outdoor-to-Indoor Scenario at 2.45 GHz and 5.2 GHz. IEEE Antennas and Wireless Propagation Letters, 2011, 10, 1127-1130.	4.0	11
9	Multipath-Enhanced Device-Free Localization in Wideband Wireless Networks. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 453-457.	4.0	11
10	Movement of Equivalent Scatterers in Geometry-Based Stochastic Channel Models. IEEE Antennas and Wireless Propagation Letters, 2012, 11, 555-558.	4.0	9
11	Stochastic Channel Parameters for Train-to-Train Communications. IEEE Open Journal of Antennas and Propagation, 2021, 2, 778-792.	3.7	6
12	Bayesian Approaches to Multipath-Enhanced Device-Free Localization. , 2021, , .		4
13	Analysis of the Dominant Signal Component of the Air-Ground Channel Based on Measurement Data at C-Band. IEEE Transactions on Vehicular Technology, 2021, 70, 2955-2968.	6.3	4
14	Bayesian multipathâ€enhanced deviceâ€free localisation: Simulationâ€and measurementâ€based evaluation. IET Microwaves, Antennas and Propagation, 0, , .	1.4	3
15	Communication Support for Unmanned Air Transportation [From the Guest Editors]. IEEE Vehicular Technology Magazine, 2020, 15, 20-21.	3.4	1
16	Advanced Air Mobility [From the Guest Editors]. IEEE Vehicular Technology Magazine, 2021, 16, 87-164.	3.4	1