

Benoit Derat

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Validation of Over-The-Air Testing Accuracy at Mid-Range Distance for Massive MIMO Base Stations. , 2021, , .		6
2	On Convergence of the Upper Bound on the Ratio of Gain to Quality Factor. , 2021, , .		3
3	On the Challenge of Over-The-Air Measurements of High-Power Massive MIMO Radio Base Stations. , 2021, , .		2
4	Multiple CATR Reflector System for Multiple Angles of Arrival Measurements of 5G Millimeter Wave Devices. IEEE Access, 2020, 8, 211324-211334.	4.2	10
5	Correction of Over-the-Air Transmit and Receive Wireless Device Performance Errors Due to Displaced Antenna Positions in the Measurement Coordinate System. IEEE Transactions on Antennas and Propagation, 2020, 68, 7549-7554.	5.1	4
6	Shortest range length to measure the total radiated power. IET Microwaves, Antennas and Propagation, 2019, 13, 2584-2589.	1.4	11
7	Promises of Near-Field Software and Hardware Transformations for 5G OTA. , 2018, , .		15
8	5G antenna characterization in the far-field: How close can far-field be?. , 2018, , .		16
9	An International Interlaboratory Comparison of Mobile Phone SAR Calculation With CAD-Based Models. IEEE Transactions on Electromagnetic Compatibility, 2010, 52, 804-811.	2.2	29
10	ANALYTICAL LOWER AND UPPER BOUNDS OF POWER ABSORPTION IN NEAR-FIELD REGIONS DEDUCED FROM A MODAL-BASED EQUIVALENT JUNCTION MODEL. Progress in Electromagnetics Research, 2006, 58, 21-49.	4.4	6