Christoph Baer

List of Publications by Year
in descending order

14	92	1937685	1474206
		4	9
papers	citations	h-index	g-index

14	14	14	60
all docs	docs citations	times ranked	citing authors

#	ARTICLE	IF	CITATIONS
1	A mmWave Measuring Procedure for Mass Flow Monitoring of Pneumatic Conveyed Bulk Materials. IEEE Sensors Journal, 2014, 14, 3201-3209.	4.7	21
2	Field-Deployable System for the Measurement of Complex Permittivity of Improvised Explosives and Lossy Dielectric Materials. IEEE Sensors Journal, 2018, 18, 6706-6714.	4.7	15
3	A Low-Noise Transmission-Type Yttrium Iron Garnet Tuned Oscillator Based on a SiGe MMIC and Bond-Coupling Operating up to 48 GHz. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 3973-3982.	4.6	12
4	Dielectric phantom materials for broadband biomedical applications. , 2017, , .		9
5	Application of Polarimetric Features and Support Vector Machines for Classification of Improvised Explosive Devices. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 2282-2286.	4.0	8
6	Humanitarian Microwave Detection of Improvised Explosive Devices in Colombia. , 2018, , .		5
7	Modeling and Measurement of Complex Permittivity of Soils in UHF. IEEE Geoscience and Remote Sensing Letters, 2020, 17, 1109-1113.	3.1	4
8	Contactless Flame Reactor State Parameter Investigation Using a Broadband mmWave Radar. , 2020, 4, 1-4.		4
9	Field Representation Microwave Thermography Utilizing Lossy Microwave Design Materials. Sensors, 2021, 21, 4830.	3.8	4
10	Enhancing the Radar Cross-Range Resolution in Ultra-Fast Radar Scans by Utilizing Frequency Coded Sub-Channels. Sensors, 2022, 22, 3343.	3.8	4
11	Radar based Ground Level Reconstruction Utilizing a Hypocycloid Antenna Positioning System. Frequenz, 2015, 69, 57-64.	0.9	2
12	Investigation of a mmWave-Radar-Based Sensor for Snow-Suspension Density Measurements. IEEE Sensors Journal, 2016, 16, 8861-8862.	4.7	2
13	Advances on the detection of Landmines and IEDs in Colombia using UWB GPR and Machine Learning Techniques. , 2021, , .		2
14	Fault Detection of Microwave Components using Direct Display Field Representation Microwave Thermography. , 2022, , .		0