

# Frank Wendler

## List of Publications by Year in descending order

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1478505  
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docs citations

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citing authors

#	ARTICLE	IF	CITATIONS
1	Embedded Wideband Measurement System for Fast Impedance Spectroscopy Using Undersampling. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 3461-3469.	4.7	20
2	Impedance Spectroscopy: Applications, Advances and Future Trends. IEEE Instrumentation and Measurement Magazine, 2022, 25, 11-21.	1.6	16
3	Simplified analytical inductance model for a single turn eddy current sensor. Sensors and Actuators A: Physical, 2013, 191, 11-21.	4.1	9
4	Calibration of an AC Zero Potential Circuit for Two-Dimensional Impedimetric Sensor Matrices. IEEE Sensors Journal, 2020, 20, 5019-5025.	4.7	7
5	Multifrequency Inductive Sensor System for Classification of Bimetallic Coins. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-9.	4.7	7
6	Induction coil as sensor for contactless, continuous in-process determination of steel microstructure by means of Magnetic Induction Spectroscopy (MIS). CIRP Journal of Manufacturing Science and Technology, 2021, 33, 240-246.	4.5	6
7	Comparative Study of Machine-Learning Frameworks for the Elaboration of Feed-Forward Neural Networks by Varying the Complexity of Impedimetric Datasets Synthesized Using Eddy Current Sensors for the Characterization of Bi-Metallic Coins. Sensors, 2022, 22, 1312.	3.8	3
8	Kombinierte Abstands- und Materialerkennung mit induktiven NÄherungssensoren. TM Technisches Messen, 2021, 88, 531-543.	0.7	1