

# Frank Wendler

## List of Publications by Year in descending order

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Version: 2024-02-01

8  
papers

69  
citations

1478505  
6  
h-index

1588992  
8  
g-index

8  
all docs

8  
docs citations

8  
times ranked

57  
citing authors

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