

Matthias Flatscher

List of Publications by Year in descending order

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8
papers

95
citations

1684188

5
h-index

2053705

5
g-index

8
all docs

8
docs citations

8
times ranked

34
citing authors

#	ARTICLE	IF	CITATIONS
1	Signal Processing for Capacitive Ice Sensing: Electrode Topology and Algorithm Design. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 1458-1466.	4.7	29
2	Maintaining critical infrastructure under cold climate conditions: A versatile sensing and heating concept. Sensors and Actuators A: Physical, 2017, 267, 538-546.	4.1	16
3	PCA based state reduction for inverse problems using prior information. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2017, 36, 1430-1441.	0.9	15
4	De-icing system with integrated ice detection and temperature sensing for meteorological devices. , 2015, , .		13
5	Coaxial Probe for Dielectric Measurements of Aerated Pulverized Materials. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 1402-1411.	4.7	13
6	Impedance matched electrical capacitance tomography system: front-end design and system analysis. Measurement Science and Technology, 2019, 30, 104002.	2.6	6
7	Low Power Ice Detection with Capacitive and Impedance Spectroscopy-Based Measurements. , 2018, , .		3
8	Spectroscopic impedance measurement front-end for applications in industrial processes. TM Technisches Messen, 2021, 88, 133-146.	0.7	0