

# Markus Neumayer

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8126883/publications.pdf>

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7  
papers

85  
citations

1684188  
5  
h-index

1720034  
7  
g-index

7  
all docs

7  
docs citations

7  
times ranked

32  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Model-Based Analysis of Capacitive Flow Metering for Pneumatic Conveying Systems: A Comparison between Calibration-Based and Tomographic Approaches. <i>Sensors</i> , 2022, 22, 856.	3.8	6
2	Thermal Drifts of Capacitive Flow Meters: Analysis of Effects and Model-Based Compensation. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2021, 70, 1-11.	4.7	9
3	Prior design for tomographic volume fraction estimation in pneumatic conveying systems from capacitive data. <i>Transactions of the Institute of Measurement and Control</i> , 2020, 42, 716-728.	1.7	9
4	Coaxial Probe for Dielectric Measurements of Aerated Pulverized Materials. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2019, 68, 1402-1411.	4.7	13
5	Signal Processing for Capacitive Ice Sensing: Electrode Topology and Algorithm Design. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2019, 68, 1458-1466.	4.7	29
6	Statistical solution of inverse problems using a state reduction. <i>COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering</i> , 2019, 38, 1521-1532.	0.9	4
7	PCA based state reduction for inverse problems using prior information. <i>COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering</i> , 2017, 36, 1430-1441.	0.9	15