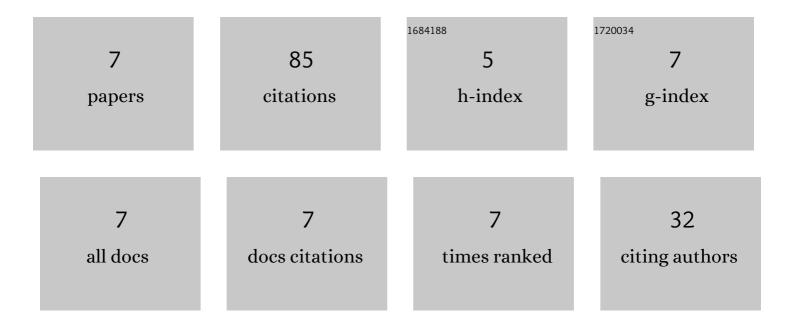
Markus Neumayer

List of Publications by Year in descending order

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

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| # | 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 | 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 |
| 3 | Coaxial Probe for Dielectric Measurements of Aerated Pulverized Materials. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 1402-1411. | 4.7 | 13 |
| 4 | Prior design for tomographic volume fraction estimation in pneumatic conveying systems from capacitive data. Transactions of the Institute of Measurement and Control, 2020, 42, 716-728. | 1.7 | 9 |
| 5 | Thermal Drifts of Capacitive Flow Meters: Analysis of Effects and Model-Based Compensation. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-11. | 4.7 | 9 |
| 6 | A Model-Based Analysis of Capacitive Flow Metering for Pneumatic Conveying Systems: A Comparison between Calibration-Based and Tomographic Approaches. Sensors, 2022, 22, 856. | 3.8 | 6 |
| 7 | Statistical solution of inverse problems using a state reduction. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2019, 38, 1521-1532. | 0.9 | 4 |