Gerd WÃ¼bbeler

List of Publications by Year
in descending order

12 papers	75 citations	1478505 6 h-index	1474206 9 g-index
12 all docs	12 docs citations	12 times ranked	35 citing authors

#	ARTICLE	IF	CITATIONS
1	Rejection sampling for Bayesian uncertainty evaluation using the Monte Carlo techniques of GUM-S1. Metrologia, 2022, 59, 015004.	1.2	3
2	Compressive nano-FTIR chemical mapping. Measurement Science and Technology, 2022, 33, 035402.	2.6	5
3	GUM-Compliant Uncertainty Evaluation Using Virtual Experiments. Metrology, 2022, 2, 114-127.	1.5	7
4	A comparison of two data analysis approaches for quantitative magnetic resonance imaging. Measurement Science and Technology, 2022, 33, 075401.	2.6	1
5	Impact of Imperfect Artefacts and the Modus Operandi on Uncertainty Quantification Using Virtual Instruments. Metrology, 2022, 2, 311-319.	1.5	1
6	Bayesian uncertainty quantification for magnetic resonance fingerprinting. Physics in Medicine and Biology, 2021, 66, 075006.	3.0	2
7	A simple method for Bayesian uncertainty evaluation in linear models. Metrologia, 2020, 57, 065010.	1.2	9
8	On the transferability of the GUM-S1 type A uncertainty. Metrologia, 2020, 57, 015005.	1.2	11
9	Compressed FTIR spectroscopy using low-rank matrix reconstruction. Optics Express, 2020, 28, 38762.	3.4	6
10	Approximate large-scale Bayesian spatial modeling with application to quantitative magnetic resonance imaging. AStA Advances in Statistical Analysis, 2019, 103, 333-355.	0.9	6
11	Compressed sensing FTIR nano-spectroscopy and nano-imaging. Optics Express, 2018, 26, 18115.	3.4	20
12	A Large-Scale Optimization Method Using a Sparse Approximation of the Hessian for Magnetic Resonance Fingerprinting. SIAM Journal on Imaging Sciences, 2017, 10, 979-1004.	2.2	4