

Adriaan M H Van Der Veen

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

186
citations

1163117

8
h-index

1281871

11
g-index

27
all docs

27
docs citations

27
times ranked

171
citing authors

#	ARTICLE	IF	CITATIONS
1	Advances in reference materials and measurement techniques for greenhouse gas atmospheric observations. Metrologia, 2019, 56, 034006.	1.2	24
2	Interpreting and propagating the uncertainty of the standard atomic weights (IUPAC Technical Report). Pure and Applied Chemistry, 2021, 93, 629-646.	1.9	17
3	Bayesian methods for type A evaluation of standard uncertainty. Metrologia, 2018, 55, 670-684.	1.2	15
4	Atomic weights in gas analysis. Metrologia, 2014, 51, 80-86.	1.2	13
5	Interpretation and use of standard atomic weights (IUPAC Technical Report). Pure and Applied Chemistry, 2021, 93, 629-646.	1.9	11
6	Degrees of equivalence across key comparisons in gas analysis. Metrologia, 2003, 40, 18-23.	1.2	10
7	The GUM perspective on straight-line errors-in-variables regression. Measurement: Journal of the International Measurement Confederation, 2022, 187, 110340.	5.0	10
8	International Comparison CCQM-K16: Composition of natural gas types IV and V. Metrologia, 2005, 42, 08003-08003.	1.2	9
9	Bayesian analysis of homogeneity studies in the production of reference materials. Accreditation and Quality Assurance, 2017, 22, 307-319.	0.8	8
10	Trace level analysis of reactive ISO 14687 impurities in hydrogen fuel using laser-based spectroscopic detection methods. International Journal of Hydrogen Energy, 2020, 45, 34024-34036.	7.1	8
11	Getting started with uncertainty evaluation using the Monte Carlo method in R. Accreditation and Quality Assurance, 2021, 26, 129-141.	0.8	8
12	Final Report on International comparison CCQM K23ac: Natural gas types I and III. Metrologia, 2007, 44, 08001-08001.	1.2	7
13	Density Measurements of (0.99 Methane + 0.01 Butane) and (0.98 Methane + 0.02 Isopentane) over the Temperature Range from (100 to 160) K at Pressures up to 10.8 MPa. International Journal of Thermophysics, 2020, 41, 1.	2.1	6
14	International comparison CCQM-K112 biogas. Metrologia, 2020, 57, 08011.	1.2	6
15	International comparison CCQM K23b: Natural gas type II. Metrologia, 2010, 47, 08013-08013.	1.2	5
16	Evaluating measurement uncertainty in fluid phase equilibrium calculations. Metrologia, 2018, 55, S60-S69.	1.2	4
17	Advances in metrology for energy-containing gases and emerging demands. Metrologia, 2021, 58, 012001.	1.2	4
18	Density Measurements of Two Liquefied Biomethane-Like Mixtures over the Temperature Range from (100 to 180) K at Pressures up to 9.0 MPa. International Journal of Thermophysics, 2021, 42, 1.	2.1	4

#	ARTICLE	IF	CITATIONS
19	The BIOREMA projectâ€™ part 3: International interlaboratory comparison for bio-ethanol test methods. Accreditation and Quality Assurance, 2013, 18, 41-50.	0.8	3
20	Traceable Reference Gas Mixtures for Sulfur-Free Natural Gas Odorants. Analytical Chemistry, 2014, 86, 6695-6702.	6.5	3
21	Validation of ISO 6974 for the measurement of the composition of hydrogen-enriched natural gas. International Journal of Hydrogen Energy, 2015, 40, 15877-15884.	7.1	3
22	Revision of ISO Guide 33: good practice in using reference materials. Accreditation and Quality Assurance, 2015, 20, 529-532.	0.8	2
23	Revision of ISO 19229 to support the certification of calibration gases for purity. Accreditation and Quality Assurance, 2019, 24, 375-380.	0.8	2
24	GUM guidance on developing and using measurement models. Accreditation and Quality Assurance, 0, , .	0.8	2
25	New Editor-in-Chief. Accreditation and Quality Assurance, 2018, 23, 1-1.	0.8	1
26	Laboratoryâ€™scale liquefiers for natural gas: A design and assessment study. AIChE Journal, 2021, 67, e17128.	3.6	1
27	Extrapolation schemes of key comparison results in gas analysis. Metrologia, 0, , .	1.2	0