

# Adriaan M H Van Der Veen

## List of Publications by Year in descending order

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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	The GUM perspective on straight-line errors-in-variables regression. <i>Measurement: Journal of the International Measurement Confederation</i> , 2022, 187, 110340.	5.0	10
2	Advances in metrology for energy-containing gases and emerging demands. <i>Metrologia</i> , 2021, 58, 012001.	1.2	4
3	Density Measurements of Two Liquefied Biomethane-Like Mixtures over the Temperature Range from (100 to 180) K at Pressures up to 9.0 MPa. <i>International Journal of Thermophysics</i> , 2021, 42, 1.	2.1	4
4	Interpretation and use of standard atomic weights (IUPAC Technical Report). <i>Pure and Applied Chemistry</i> , 2021, 93, 629-646.	1.9	11
5	Getting started with uncertainty evaluation using the Monte Carlo method in R. <i>Accreditation and Quality Assurance</i> , 2021, 26, 129-141.	0.8	8
6	Laboratory-scale liquefiers for natural gas: A design and assessment study. <i>AIChE Journal</i> , 2021, 67, e17128.	3.6	1
7	Trace level analysis of reactive ISO 14687 impurities in hydrogen fuel using laser-based spectroscopic detection methods. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 34024-34036.	7.1	8
8	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. <i>International Journal of Thermophysics</i> , 2020, 41, 1.	2.1	6
9	International comparison CCQM-K112 biogas. <i>Metrologia</i> , 2020, 57, 08011.	1.2	6
10	Revision of ISO 19229 to support the certification of calibration gases for purity. <i>Accreditation and Quality Assurance</i> , 2019, 24, 375-380.	0.8	2
11	Advances in reference materials and measurement techniques for greenhouse gas atmospheric observations. <i>Metrologia</i> , 2019, 56, 034006.	1.2	24
12	Interpreting and propagating the uncertainty of the standard atomic weights (IUPAC Technical) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 30	1.9	17
13	Evaluating measurement uncertainty in fluid phase equilibrium calculations. <i>Metrologia</i> , 2018, 55, S60-S69.	1.2	4
14	New Editor-in-Chief. <i>Accreditation and Quality Assurance</i> , 2018, 23, 1-1.	0.8	1
15	Bayesian methods for type A evaluation of standard uncertainty. <i>Metrologia</i> , 2018, 55, 670-684.	1.2	15
16	Bayesian analysis of homogeneity studies in the production of reference materials. <i>Accreditation and Quality Assurance</i> , 2017, 22, 307-319.	0.8	8
17	Validation of ISO 6974 for the measurement of the composition of hydrogen-enriched natural gas. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 15877-15884.	7.1	3
18	Revision of ISO Guide 33: good practice in using reference materials. <i>Accreditation and Quality Assurance</i> , 2015, 20, 529-532.	0.8	2

#	ARTICLE	IF	CITATIONS
19	Atomic weights in gas analysis. Metrologia, 2014, 51, 80-86.	1.2	13
20	Traceable Reference Gas Mixtures for Sulfur-Free Natural Gas Odorants. Analytical Chemistry, 2014, 86, 6695-6702.	6.5	3
21	The BIOREMA projectâ€™ part 3: International interlaboratory comparison for bio-ethanol test methods. Accreditation and Quality Assurance, 2013, 18, 41-50.	0.8	3
22	International comparison CCQM K23b: Natural gas type II. Metrologia, 2010, 47, 08013-08013.	1.2	5
23	Final Report on International comparison CCQM K23ac: Natural gas types I and III. Metrologia, 2007, 44, 08001-08001.	1.2	7
24	International Comparison CCQM-K16: Composition of natural gas types IV and V. Metrologia, 2005, 42, 08003-08003.	1.2	9
25	Degrees of equivalence across key comparisons in gas analysis. Metrologia, 2003, 40, 18-23.	1.2	10
26	Extrapolation schemes of key comparison results in gas analysis. Metrologia, 0, , .	1.2	0
27	GUM guidance on developing and using measurement models. Accreditation and Quality Assurance, 0, , .	0.8	2