

Paul J Brewer

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5959050/publications.pdf>

Version: 2024-02-01

21
papers

187
citations

1040056

9
h-index

1125743

13
g-index

21
all docs

21
docs citations

21
times ranked

194
citing authors

#	ARTICLE	IF	CITATIONS
1	Reporting uncertainty for gas certified reference materials: balancing customer requirements with calibration and measurement capabilities. Accreditation and Quality Assurance, 2021, 26, 41-45.	0.8	0
2	Redefinition of the Mole in the Revised International System of Units and the Ongoing Importance of Metrology for Accurate Chemical Measurements. Analytical Chemistry, 2021, 93, 12147-12155.	6.5	3
3	Characterisation of gas reference materials for underpinning atmospheric measurements of stable isotopes of nitrous oxide. Atmospheric Measurement Techniques, 2021, 14, 5447-5458.	3.1	1
4	Absolute isotope ratios of carbon dioxide – a feasibility study. Journal of Analytical Atomic Spectrometry, 2020, 35, 2545-2564.	3.0	0
5	What is a mole?. Metrologia, 2020, 57, 065002.	1.2	4
6	Benchmarking the success of CCQM key comparisons for metrology institutes and their stakeholders. Metrologia, 2020, 57, 065018.	1.2	1
7	Advances in reference materials and measurement techniques for greenhouse gas atmospheric observations. Metrologia, 2019, 56, 034006.	1.2	24
8	Breakthrough in Negating the Impact of Adsorption in Gas Reference Materials. Analytical Chemistry, 2019, 91, 5310-5315.	6.5	5
9	Synthetic Zero Air Reference Material for High Accuracy Greenhouse Gas Measurements. Analytical Chemistry, 2019, 91, 1974-1979.	6.5	2
10	Stability of gaseous volatile organic compounds contained in gas cylinders with different internal wall treatments. Elementa, 2019, 7, .	3.2	10
11	Influence of Pressure on the Composition of Gaseous Reference Materials. Analytical Chemistry, 2018, 90, 3490-3495.	6.5	11
12	The importance of cylinder passivation for preparation and long-term stability of multicomponent monoterpene primary reference materials. Atmospheric Measurement Techniques, 2018, 11, 6429-6438.	3.1	5
13	SI traceability and scales for underpinning atmospheric monitoring of greenhouse gases. Metrologia, 2018, 55, S174-S181.	1.2	9
14	Zero gas reference standards. Analytical Methods, 2016, 8, 3014-3022.	2.7	5
15	Preparation and Validation of Fully Synthetic Standard Gas Mixtures with Atmospheric Isotopic Composition for Global CO ₂ and CH ₄ Monitoring. Analytical Chemistry, 2014, 86, 1887-1893.	6.5	28
16	A high accuracy dilution system for generating low concentration reference standards of reactive gases. Measurement: Journal of the International Measurement Confederation, 2014, 47, 607-612.	5.0	12
17	Gaseous reference standards of formaldehyde from trioxane. Talanta, 2013, 108, 83-87.	5.5	15
18	Influence of fabrication procedure on the electrochemical performance of Ag/AgCl reference electrodes. Electrochimica Acta, 2011, 56, 10009-10015.	5.2	22

#	ARTICLE	IF	CITATIONS
19	Sensitivities of Key Parameters in the Preparation of Silver/Silver Chloride Electrodes Used in Harned Cell Measurements of pH. Sensors, 2011, 11, 8072-8084.	3.8	16
20	Effect of Silver Annealing Conditions on the Performance of Electrolytic Silver/Silver Chloride Electrodes used in Harned Cell Measurements of pH. Sensors, 2010, 10, 2202-2216.	3.8	14
21	Investigation of cylinder pre-treatments for the stability of ammonia gas reference materials. Accreditation and Quality Assurance, 0, , .	0.8	0