

Paul J Brewer

List of Publications by Year in descending order

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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	Preparation and Validation of Fully Synthetic Standard Gas Mixtures with Atmospheric Isotopic Composition for Global CO ₂ and CH ₄ Monitoring. <i>Analytical Chemistry</i> , 2014, 86, 1887-1893.	6.5	28
2	Advances in reference materials and measurement techniques for greenhouse gas atmospheric observations. <i>Metrologia</i> , 2019, 56, 034006.	1.2	24
3	Influence of fabrication procedure on the electrochemical performance of Ag/AgCl reference electrodes. <i>Electrochimica Acta</i> , 2011, 56, 10009-10015.	5.2	22
4	Sensitivities of Key Parameters in the Preparation of Silver/Silver Chloride Electrodes Used in Harned Cell Measurements of pH. <i>Sensors</i> , 2011, 11, 8072-8084.	3.8	16
5	Gaseous reference standards of formaldehyde from trioxane. <i>Talanta</i> , 2013, 108, 83-87.	5.5	15
6	Effect of Silver Annealing Conditions on the Performance of Electrolytic Silver/Silver Chloride Electrodes used in Harned Cell Measurements of pH. <i>Sensors</i> , 2010, 10, 2202-2216.	3.8	14
7	A high accuracy dilution system for generating low concentration reference standards of reactive gases. <i>Measurement: Journal of the International Measurement Confederation</i> , 2014, 47, 607-612.	5.0	12
8	Influence of Pressure on the Composition of Gaseous Reference Materials. <i>Analytical Chemistry</i> , 2018, 90, 3490-3495.	6.5	11
9	Stability of gaseous volatile organic compounds contained in gas cylinders with different internal wall treatments. <i>Elementa</i> , 2019, 7, .	3.2	10
10	SI traceability and scales for underpinning atmospheric monitoring of greenhouse gases. <i>Metrologia</i> , 2018, 55, S174-S181.	1.2	9
11	Zero gas reference standards. <i>Analytical Methods</i> , 2016, 8, 3014-3022.	2.7	5
12	The importance of cylinder passivation for preparation and long-term stability of multicomponent monoterpene primary reference materials. <i>Atmospheric Measurement Techniques</i> , 2018, 11, 6429-6438.	3.1	5
13	Breakthrough in Negating the Impact of Adsorption in Gas Reference Materials. <i>Analytical Chemistry</i> , 2019, 91, 5310-5315.	6.5	5
14	What is a mole?. <i>Metrologia</i> , 2020, 57, 065002.	1.2	4
15	Redefinition of the Mole in the Revised International System of Units and the Ongoing Importance of Metrology for Accurate Chemical Measurements. <i>Analytical Chemistry</i> , 2021, 93, 12147-12155.	6.5	3
16	Synthetic Zero Air Reference Material for High Accuracy Greenhouse Gas Measurements. <i>Analytical Chemistry</i> , 2019, 91, 1974-1979.	6.5	2
17	Characterisation of gas reference materials for underpinning atmospheric measurements of stable isotopes of nitrous oxide. <i>Atmospheric Measurement Techniques</i> , 2021, 14, 5447-5458.	3.1	1
18	Benchmarking the success of CCQM key comparisons for metrology institutes and their stakeholders. <i>Metrologia</i> , 2020, 57, 065018.	1.2	1

#	ARTICLE	IF	CITATIONS
19	Absolute isotope ratios of carbon dioxide – a feasibility study. Journal of Analytical Atomic Spectrometry, 2020, 35, 2545-2564.	3.0	0
20	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
21	Investigation of cylinder pre-treatments for the stability of ammonia gas reference materials. Accreditation and Quality Assurance, 0, , .	0.8	0