

Hendrik Emons

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

736
citations

687363

13
h-index

552781

26
g-index

49
all docs

49
docs citations

49
times ranked

1071
citing authors

#	ARTICLE	IF	CITATIONS
1	Triacylglycerol profiling by using chromatographic techniques. <i>European Journal of Lipid Science and Technology</i> , 2004, 106, 621-648.	1.5	170
2	DNA copy number concentration measured by digital and droplet digital quantitative PCR using certified reference materials. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 1831-1840.	3.7	110
3	Challenges in the size analysis of a silica nanoparticle mixture as candidate certified reference material. <i>Journal of Nanoparticle Research</i> , 2016, 18, 171.	1.9	68
4	Validation of a digital PCR method for quantification of DNA copy number concentrations by using a certified reference material. <i>Biomolecular Detection and Quantification</i> , 2016, 9, 29-39.	7.0	53
5	New definitions on reference materials. <i>Accreditation and Quality Assurance</i> , 2006, 10, 576-578.	0.8	46
6	Standardization of protein biomarker measurements: Is it feasible?. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2010, 70, 27-33.	1.2	35
7	Analysis of PBT and PET cyclic oligomers in extracts of coffee capsules and food simulants by a HPLC-UV/FLD method. <i>Food Chemistry</i> , 2021, 345, 128739.	8.2	24
8	Towards future reference systems for GM analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 396, 1969-1975.	3.7	20
9	Isolation, Characterization and Structural Elucidation of Polybutylene Terephthalate Cyclic Oligomers and Purity Assessment using a 1H qNMR Method. <i>Polymers</i> , 2019, 11, 464.	4.5	20
10	An assessment of the impact of extraction and digestion protocols on multiplexed targeted protein quantification by mass spectrometry for egg and milk allergens. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 3463-3475.	3.7	19
11	Reference materials as crucial tools for quality assurance and control in food analysis. <i>Pure and Applied Chemistry</i> , 2006, 78, 135-143.	1.9	17
12	Feasibility study for producing a carrot/potato matrix reference material for 11 selected pesticides at EU MRL level: Material processing, homogeneity and stability assessment. <i>Food Chemistry</i> , 2012, 132, 567-573.	8.2	17
13	A reference method for determining the total allergenic protein content in a processed food: the case of milk in cookies as proof of concept. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 8249-8267.	3.7	17
14	Identification of single target taxon-specific reference assays for the most commonly genetically transformed crops using digital droplet PCR. <i>Food Control</i> , 2018, 93, 191-200.	5.5	13
15	Development and validation of an HPLC method with fluorescence detection for the determination of fluorescent whitening agents migrating from plastic beverage cups. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2018, 35, 1438-1446.	2.3	10
16	Feasibility of non-invasive detection of engineered nanoparticles in food mimicking matrices by Optical Coherence Tomography. <i>Food Chemistry</i> , 2014, 153, 444-449.	8.2	9
17	Determination of <i>Alternaria</i> Toxins in Tomato, Wheat, and Sunflower Seeds by SPE and LC-MS/MS – A Method Validation Through a Collaborative Trial. <i>Journal of AOAC INTERNATIONAL</i> , 2022, 105, 80-94.	1.5	9
18	Towards metrologically traceable and comparable results in GM quantification. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 7-11.	3.7	8

#	ARTICLE	IF	CITATIONS
19	GMO analysis " a complex and challenging undertaking. Analytical and Bioanalytical Chemistry, 2010, 396, 1949-1950.	3.7	6
20	Reference materials for chemical analysis. Analytical and Bioanalytical Chemistry, 2015, 407, 2941-2943.	3.7	6
21	Log transformation of proficiency testing data on the content of genetically modified organisms in food and feed samples: is it justified?. Analytical and Bioanalytical Chemistry, 2020, 412, 1129-1136.	3.7	6
22	Expression of GM content in mass fraction from digital PCR data. Food Control, 2022, 133, 108626.	5.5	6
23	Characterization of reference materials: proposal for a simplification of the options listed in ISO Guide 34. Accreditation and Quality Assurance, 2013, 18, 149-152.	0.8	5
24	Total cow's milk protein in cookies: the first interlaboratory comparison with a well-defined measurand fit for food allergen risk assessment. Accreditation and Quality Assurance, 2021, 26, 177-181.	0.8	5
25	Assessment of the Real-Time PCR Method Claiming to be Specific for Detection and Quantification of the First Commercialised Genome-Edited Plant. Food Analytical Methods, 2022, 15, 2107-2125.	2.6	5
26	The third edition of ISO Guide 34: what were the drivers for the revision and what is new?. Accreditation and Quality Assurance, 2010, 15, 647-652.	0.8	4
27	Ten years of proficiency testing reveals an improvement in the analytical performance of EU National Reference Laboratories for genetically modified food and feed. Food Control, 2020, 114, 107237.	5.5	4
28	ERM ? A new landmark for reference materials. Analytical and Bioanalytical Chemistry, 2005, 381, 28-29.	3.7	3
29	Glenn Taylor: The horse who came to dinner: the first criminal case of food fraud. Analytical and Bioanalytical Chemistry, 2019, 411, 7053-7054.	3.7	3
30	Single and multi-laboratory validation of a droplet digital PCR method. Food Control, 2022, 140, 109117.	5.5	3
31	Report on the 33rd Meeting of ISO/REMCO. Accreditation and Quality Assurance, 2010, 15, 595-597.	0.8	2
32	Report on the TDRM symposia at the 119th AOAC annual meeting, Orlando, Florida, USA, 13 September 2005. Accreditation and Quality Assurance, 2006, 11, 101-102.	0.8	1
33	Reference materials " insights and outlooks. Accreditation and Quality Assurance, 2007, 12, 115-116.	0.8	1
34	Report of the 32nd meeting of ISO/REMCO. Accreditation and Quality Assurance, 2009, 14, 639-642.	0.8	1
35	Report on the 34th meeting of ISO/REMCO. Accreditation and Quality Assurance, 2011, 16, 653-655.	0.8	1
36	Analytical chemistry and metrology have scientific basis. TrAC - Trends in Analytical Chemistry, 2013, 48, xv-xvi.	11.4	1

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37	Nucleic acid quantificationâ€™ progress and pitfalls. Analytical and Bioanalytical Chemistry, 2014, 406, 6469-6470.	3.7	1
38	European analytical column No. 36 (January 2008). Analytical and Bioanalytical Chemistry, 2008, 391, 1109-1112.	3.7	0
39	European analytical column no. 36 from the Division of Analytical Chemistry (DAC) of the European Association for Chemical and Molecular Sciences (EuCheMS) January 2008. Accreditation and Quality Assurance, 2008, 13, 279-282.	0.8	0
40	Report of the 31st meeting of ISO/REMCO. Accreditation and Quality Assurance, 2009, 14, 333-335.	0.8	0
41	Letter to the Editor regarding the â€™European Analytical Column No. 41â€™. Analytical and Bioanalytical Chemistry, 2013, 405, 7175-7176.	3.7	0
42	Report on the 35th meeting of ISO/REMCO. Accreditation and Quality Assurance, 2013, 18, 153-155.	0.8	0
43	Report on the 36th meeting of ISO/REMCO. Accreditation and Quality Assurance, 2013, 18, 449-451.	0.8	0
44	Report on the 37th Meeting of the Reference Material Committee of ISO, ISO/REMCO. Accreditation and Quality Assurance, 2015, 20, 29-31.	0.8	0
45	Report on the 38th meeting of ISO/REMCO. Accreditation and Quality Assurance, 2016, 21, 83-86.	0.8	0