

Roland J W Meesters

List of Publications by Year in descending order

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42
papers

1,403
citations

448610

19
h-index

406436

35
g-index

43
all docs

43
docs citations

43
times ranked

2320
citing authors

#	ARTICLE	IF	CITATIONS
1	Welcome to the seventh Volume of Journal of Applied Bioanalysis. Journal of Applied Bioanalysis, 2021, 7, 1-3.	0.2	0
2	Welcome to the sixth Volume of Journal of Applied Bioanalysis. Journal of Applied Bioanalysis, 2020, 6, 1-3.	0.2	0
3	Welcome to the fifth Volume of Journal of Applied Bioanalysis. Journal of Applied Bioanalysis, 2019, 5, 1-6.	0.2	0
4	Multiplatform plasma metabolic and lipid fingerprinting of breast cancer: A pilot control-case study in Colombian Hispanic women. PLoS ONE, 2018, 13, e0190958.	1.1	44
5	Welcome to the fourth volume of the Journal of Applied Bioanalysis. Journal of Applied Bioanalysis, 2018, 4, 1-4.	0.2	0
6	Comparative study on microsampling techniques in metabolic fingerprinting studies applying gas chromatography-MS analysis. Bioanalysis, 2017, 9, 1329-1340.	0.6	8
7	Welcome to the third volume of Journal of Applied Bioanalysis. Journal of Applied Bioanalysis, 2017, 3, 1-4.	0.2	0
8	Bioanalytical evaluation of dried plasma spot microsampling methodologies in pharmacokinetic studies applying Acetaminophen as model drug. Journal of Applied Bioanalysis, 2016, 2, 25-37.	0.2	1
9	First anniversary of the Journal of Applied Bioanalysis. Journal of Applied Bioanalysis, 2016, 2, 1-5.	0.2	0
10	Ghent Symposium on Alternative Sampling Strategies in Toxicology and Therapeutic Drug Monitoring. Journal of Applied Bioanalysis, 2015, 1, 3-9.	0.2	0
11	Welcome from the Journal of Applied Bioanalysis. Journal of Applied Bioanalysis, 2015, 1, 1-2.	0.2	1
12	Bioanalytical comparison between dried urine spots and liquid urine bioassays used for the quantitative analysis of urinary creatinine concentrations. Bioanalysis, 2014, 6, 2803-2814.	0.6	10
13	Evaluation of peripheral blood microsampling techniques in combination with liquid chromatography-high resolution mass spectrometry for the determination of drug pharmacokinetics in clinical studies. Drug Testing and Analysis, 2014, 6, 568-577.	1.6	9
14	Measuring methotrexate polyglutamates in red blood cells: a new LC-MS/MS-based method. Analytical and Bioanalytical Chemistry, 2013, 405, 1673-1681.	1.9	56
15	State-of-the-art dried blood spot analysis: an overview of recent advances and future trends. Bioanalysis, 2013, 5, 2187-2208.	0.6	105
16	Acyclovir-resistant herpes simplex virus type 1 in intra-ocular fluid samples of herpetic uveitis patients. Journal of Clinical Virology, 2013, 57, 215-221.	1.6	34
17	Bioanalytical LC separation techniques for quantitative analysis of free amino acids in human plasma. Bioanalysis, 2013, 5, 495-512.	0.6	19
18	Prolonged Influenza Virus Shedding and Emergence of Antiviral Resistance in Immunocompromised Patients and Ferrets. PLoS Pathogens, 2013, 9, e1003343.	2.1	92

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19	A Uâ€“HPLCâ€“ESIâ€“MS/MSâ€“Based Stable Isotope Dilution Method for the Detection and Quantitation of Methotrexate in Plasma. <i>Therapeutic Drug Monitoring</i> , 2012, 34, 432-439.	1.0	28
20	Incurred sample reanalysis comparison of dried blood spots and plasma samples on the measurement of lopinavir in clinical samples. <i>Bioanalysis</i> , 2012, 4, 237-240.	0.6	18
21	Latent Acyclovir-Resistant Herpes Simplex Virus Type 1 in Trigeminal Ganglia of Immunocompetent Individuals. <i>Journal of Infectious Diseases</i> , 2012, 205, 1539-1543.	1.9	41
22	Minocycline Effects on the Cerebrospinal Fluid Proteome of Experimental Autoimmune Encephalomyelitis Rats. <i>Journal of Proteome Research</i> , 2012, 11, 4315-4325.	1.8	19
23	Characterization of Î²-Lactamase Enzyme Activity in Bacterial Lysates using MALDI-Mass Spectrometry. <i>Journal of Proteome Research</i> , 2012, 11, 79-84.	1.8	85
24	Dried matrix on paper disks: the next generation DBS microsampling technique for managing the hematocrit effect in DBS analysis. <i>Bioanalysis</i> , 2012, 4, 2027-2035.	0.6	63
25	Analytical Investigations of Toxic p-Phenylenediamine (PPD) Levels in Clinical Urine Samples with Special Focus on MALDI-MS/MS. <i>PLoS ONE</i> , 2011, 6, e22191.	1.1	26
26	Dried blood spot UHPLC-MS/MS analysis of oseltamivir and oseltamivircarboxylateâ€“a validated assay for the clinic. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 400, 3473-3479.	1.9	34
27	Assessment of intracellular methotrexate and methotrexateâ€“polyglutamate metabolite concentrations in erythrocytes by ultrafast matrixâ€“assisted laser desorption/ionization triple quadrupole tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 3063-3070.	0.7	13
28	Determination of the antiretroviral drug tenofovir in plasma from HIVâ€“infected adults by ultrafast isotope dilution MALDIâ€“triple quadrupole tandem mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2011, 46, 282-289.	0.7	18
29	Ultrafast selective quantification of methotrexate in human plasma by high-throughput MALDI-isotope dilution mass spectrometry. <i>Bioanalysis</i> , 2011, 3, 1369-1378.	0.6	18
30	Impact of internal standard addition on dried blood spot analysis in bioanalytical method development. <i>Bioanalysis</i> , 2011, 3, 2357-2364.	0.6	34
31	Ultrafast and high-throughput mass spectrometric assay for therapeutic drug monitoring of antiretroviral drugs in pediatric HIV-1 infection applying dried blood spots. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 398, 319-328.	1.9	56
32	A new ultrafast and high-throughput mass spectrometric approach for the therapeutic drug monitoring of the multi-targeted anti-folate pemetrexed in plasma from lung cancer patients. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 398, 2943-2948.	1.9	27
33	Cytochrome P450-catalysed arene-epoxidation of the bioactive tea tree oil ingredient <i>p-cymene</i> : indication for the formation of a reactive allergenic intermediate?. <i>Xenobiotica</i> , 2009, 39, 663-671.	0.5	12
34	Application of liquid chromatography-tandem mass spectrometry (LCâ€“MS/MS) for the analysis of stable isotope enrichments of phenylalanine and tyrosine. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009, 877, 43-49.	1.2	36
35	Sensitive determination of monoterpene alcohols in urine by HPLCâ€“FLD combined with ESI-MS detection after online-solid phase extraction of the monoterpene-coumarincarbamate derivatives. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008, 875, 444-450.	1.2	20
36	Application of liquid chromatographyâ€“mass spectrometry to measure the concentrations and study the synthesis of short chain fatty acids following stable isotope infusions. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007, 854, 57-62.	1.2	15

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37	Contribution to the Detection and Identification of Oxidation Metabolites of Nonylphenol in <i>Sphingomonas</i> sp. strain TTNP3. <i>Biodegradation</i> , 2007, 18, 233-245.	1.5	14
38	Study on the cytochrome P450-mediated oxidative metabolism of the terpene alcohol linalool: Indication of biological epoxidation. <i>Xenobiotica</i> , 2007, 37, 604-617.	0.5	19
39	Distribution of organochlorine pesticides in surface water and sediments in Lake Volvi (northern) Tj ETQq1 1 0.784314 rgBT /Overlock 13	1.8	223
40	Stability of fluorinated surfactants in advanced oxidation processesâ€”A follow up of degradation products using flow injectionâ€”mass spectrometry, liquid chromatographyâ€”mass spectrometry and liquid chromatographyâ€”multiple stage mass spectrometry. <i>Journal of Chromatography A</i> , 2005, 1082, 110-119.	1.8	223
41	Degradation of a Nonylphenol Single Isomer by <i>Sphingomonas</i> sp. Strain TTNP3 Leads to a Hydroxylation-Induced Migration Product. <i>Applied and Environmental Microbiology</i> , 2004, 70, 6897-6900.	1.4	42
42	Simultaneous Determination of 4-Nonylphenol and Bisphenol A in Sewage Sludge. <i>Analytical Chemistry</i> , 2002, 74, 3566-3574.	3.2	150