

Mario Thevis

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

429
papers

10,074
citations

48
h-index

69
g-index

458
ext. papers

11,422
ext. citations

3.4
avg, IF

6.54
L-index

#	Paper	IF	Citations
429	Probing for factors influencing exhaled breath drug testing in sports - pilot studies focusing on the tested individual's tobacco smoking habit and sex.. <i>Rapid Communications in Mass Spectrometry</i> , 2022 , e9262	2.2	1
428	Analysis of New Chemical Entities in a Sport Context 2022 , 215-227		
427	Assessing human urinary clomiphene metabolites after consumption of eggs from clomiphene-treated laying hens using chromatographic-mass spectrometric approaches.. <i>Analytica Chimica Acta</i> , 2022 , 1202, 339661	6.6	0
426	Probing for the presence of semenogelin in human urine by immunological and chromatographic-mass spectrometric methods in the context of sports drug testing. <i>Analytical Science Advances</i> , 2022 , 3, 21-28	1.1	0
425	Stereoisomers in sports drug testing: analytical strategies and applications. <i>Journal of Chromatography A</i> , 2022 , 463154	4.5	0
424	Urinary phenylethylamine metabolites as potential markers for sports drug testing purposes. <i>Biomedical Chromatography</i> , 2021 , e5274	1.7	0
423	Investigations into the elimination profiles and metabolite ratios of micro-dosed selective androgen receptor modulator LGD-4033 for doping control purposes. <i>Analytical and Bioanalytical Chemistry</i> , 2021 , 414, 1151	4.4	1
422	Annual banned-substance review: Analytical approaches in human sports drug testing 2020/2021. <i>Drug Testing and Analysis</i> , 2021 ,	3.5	2
421	Chiral analysis of selected enantiomeric drugs relevant in doping controls. <i>Journal of Chromatography Open</i> , 2021 , 1, 100017		0
420	Sports drug testing and the athletes' exposome. <i>Drug Testing and Analysis</i> , 2021 ,	3.5	1
419	Detection of anti-SARS-CoV-2 antibodies in dried blood spots utilizing manual or automated spot extraction and electrochemiluminescence immunoassay (ECLIA).. <i>Analytical Science Advances</i> , 2021 , 2, 440	1.1	0
418	Exercise Diminishes Plasma Neurofilament Light Chain and Reroutes the Kynurenine Pathway in Multiple Sclerosis. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2021 , 8,	9.1	10
417	Facilitated Qualitative Determination of Insulin, Its Synthetic Analogs, and C-Peptide in Human Urine by Means of LC-HRMS. <i>Metabolites</i> , 2021 , 11,	5.6	2
416	Current Insights into the Steroidal Module of the Athlete Biological Passport. <i>International Journal of Sports Medicine</i> , 2021 , 42, 863-878	3.6	3
415	Carbon isotope ratios of endogenous steroids found in human serum-method development, validation, and reference population-derived thresholds. <i>Analytical and Bioanalytical Chemistry</i> , 2021 , 413, 5655-5667	4.4	4
414	Kinetic disposition of diazepam and its metabolites after intravenous administration of diazepam in the horse: Relevance for doping control. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2021 , 44, 733-744	1.4	1
413	Broadening the Horizon of Antidoping Analytical Approaches Using Dried Blood Spots. <i>Clinical Chemistry</i> , 2021 , 67, 1041-1043	5.5	0

4 ¹²	Stanozolol-N-glucuronide metabolites in human urine samples as suitable targets in terms of routine anti-doping analysis. <i>Drug Testing and Analysis</i> , 2021 , 13, 1668-1677	3.5	5
4 ¹¹	Investigations in carbon isotope ratios of seized testosterone and boldenone preparations. <i>Drug Testing and Analysis</i> , 2021 ,	3.5	1
4 ¹⁰	Annual banned-substance review: Analytical approaches in human sports drug testing 2019/2020. <i>Drug Testing and Analysis</i> , 2021 , 13, 8-35	3.5	14
4 ⁰⁹	An in vitro assay approach to investigate the potential impact of different doping agents on the steroid profile. <i>Drug Testing and Analysis</i> , 2021 , 13, 916-928	3.5	3
4 ⁰⁸	Preliminary data on the potential for unintentional antidoping rule violations by permitted cannabidiol (CBD) use. <i>Drug Testing and Analysis</i> , 2021 , 13, 539-549	3.5	8
4 ⁰⁷	Probing for the presence of doping agents in exhaled breath using chromatographic/mass spectrometric approaches. <i>Rapid Communications in Mass Spectrometry</i> , 2021 , 35, e8939	2.2	1
4 ⁰⁶	Nachweis synthetischer Insuline in Doping-Analytik und Forensik. <i>Rechtsmedizin</i> , 2021 , 31, 1-9	0.6	0
4 ⁰⁵	Investigation of Equine In Vivo and In Vitro Derived Metabolites of the Selective Androgen Receptor Modulator (SARM) ACP-105 for Improved Doping Control. <i>Metabolites</i> , 2021 , 11,	5.6	1
4 ⁰⁴	Mass spectrometric identification and characterization of urinary metabolites of isopropyl-norsynephrine for doping control purposes. <i>Analytical Science Advances</i> , 2021 , 2, 334-341	1.1	2
4 ⁰³	Comprehensive insights into the formation of metabolites of the ghrelin mimetics capromorelin, macimorelin and tabimorelin as potential markers for doping control purposes. <i>Biomedical Chromatography</i> , 2021 , 35, e5075	1.7	2
4 ⁰²	Do dried blood spots have the potential to support result management processes in routine sports drug testing?-Part 2: Proactive sampling for follow-up investigations concerning atypical or adverse analytical findings. <i>Drug Testing and Analysis</i> , 2021 , 13, 505-509	3.5	8
4 ⁰¹	Depletion of clomiphene residues in eggs and muscle after oral administration to laying hens. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2021 , 38, 1875-1882	3.2	3
4 ⁰⁰	Meldonium residues in milk: A possible scenario for inadvertent doping in sports?. <i>Drug Testing and Analysis</i> , 2021 ,	3.5	2
399	Mass spectrometric characterization of urinary hydrafenil metabolites for routine doping control purposes. <i>Drug Testing and Analysis</i> , 2021 ,	3.5	1
398	Detection of undeclared doping substances in nutritional supplements in the context of follow-up investigations concerning adverse analytical findings. <i>Drug Testing and Analysis</i> , 2021 ,	3.5	0
397	Organ-on-a-chip: Determine feasibility of a human liver microphysiological model to assess long-term steroid metabolites in sports drug testing. <i>Drug Testing and Analysis</i> , 2021 ,	3.5	2
396	Metabolism of oral turinabol by the human brain cholesterol 24-hydroxylase CYP46A1. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2021 , 212, 105927	5.1	
395	First use of the anti-VWF nanobody caplacizumab to treat iTTP in pregnancy. <i>British Journal of Haematology</i> , 2021 ,	4.5	2

394	Chromatographic-mass spectrometric analysis of the urinary metabolite profile of chlorphenesin observed after dermal application of chlorphenesin-containing sunscreen. <i>Rapid Communications in Mass Spectrometry</i> , 2021 , 35, e9183	2.2	2
393	Recent advances in identifying and utilizing metabolites of selected doping agents in human sports drug testing. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021 , 205, 114312	3.5	4
392	Data from a microdosed recombinant human erythropoietin administration study applying the new biotinylated clone AE7A5 antibody and a further optimized sarcosyl polyacrylamide gel electrophoresis protocol. <i>Drug Testing and Analysis</i> , 2021 ,	3.5	2
391	Androgens, sports, and detection strategies for anabolic drug use.. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2021 , 101609	6.5	0
390	Analysis of cobalt for human sports drug testing purposes using ICP- and LC-ICP-MS. <i>Drug Testing and Analysis</i> , 2020 , 12, 1666-1672	3.5	8
389	Excretion of 19-norandrosterone after consumption of boar meat. <i>Drug Testing and Analysis</i> , 2020 , 12, 1581-1586	3.5	3
388	Can dried blood spots (DBS) contribute to conducting comprehensive SARS-CoV-2 antibody tests?. <i>Drug Testing and Analysis</i> , 2020 , 12, 994-997	3.5	25
387	Single-dose administration of clenbuterol is detectable in dried blood spots. <i>Drug Testing and Analysis</i> , 2020 , 12, 1366-1372	3.5	9
386	Identification of Trenbolone Metabolites Using Hydrogen Isotope Ratio Mass Spectrometry and Liquid Chromatography/High Accuracy/High Resolution Mass Spectrometry for Doping Control Analysis. <i>Frontiers in Chemistry</i> , 2020 , 8, 435	5	7
385	Do dried blood spots (DBS) have the potential to support result management processes in routine sports drug testing?. <i>Drug Testing and Analysis</i> , 2020 , 12, 704-710	3.5	17
384	Detecting the misuse of 7-oxo-DHEA by means of carbon isotope ratio mass spectrometry in doping control analysis. <i>Rapid Communications in Mass Spectrometry</i> , 2020 , 34, e8776	2.2	5
383	Inter-Laboratory Agreement of Insulin-like Growth Factor 1 Concentrations Measured Intact by Mass Spectrometry. <i>Clinical Chemistry</i> , 2020 , 66, 579-586	5.5	5
382	Acute hypertrophic but not maximal strength loading transiently enhances the kynurenine pathway towards kynurenic acid. <i>European Journal of Applied Physiology</i> , 2020 , 120, 1429-1436	3.4	7
381	Effect of a Single Bout of Aerobic Exercise on Kynurenine Pathway Metabolites and Inflammatory Markers in Prostate Cancer Patients-A Pilot Randomized Controlled Trial. <i>Metabolites</i> , 2020 , 11,	5.6	4
380	Annual banned-substance review - Analytical approaches in human sports drug testing. <i>Drug Testing and Analysis</i> , 2020 , 12, 7-26	3.5	17
379	Elevated urinary cobalt concentrations identified in routine doping controls can originate from vitamin B. <i>Rapid Communications in Mass Spectrometry</i> , 2020 , 34, e8649	2.2	5
378	Tainted toothpaste - Analytical investigation into an unusual adverse finding. <i>Drug Testing and Analysis</i> , 2020 , 12, 570-572	3.5	2
377	Simplified quantification of insulin, its synthetic analogs and C-peptide in human plasma by means of LC-HRMS. <i>Drug Testing and Analysis</i> , 2020 , 12, 382-390	3.5	12

376	Fatalities associated with NPS stimulants in the Greater Cologne area. <i>International Journal of Legal Medicine</i> , 2020 , 134, 229-241	3.1	5
375	Identification of metabolites of peptide-derived drugs using an isotope-labeled reporter ion screening strategy. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 58, 690-700	5.9	4
374	Detection of follistatin-based inhibitors of the TGF- β signaling pathways in serum/plasma by means of LC-HRMS/MS and Western blotting. <i>Drug Testing and Analysis</i> , 2020 , 12, 1636-1648	3.5	3
373	Sport doping detection in focus: A perspective from Prof. Dr Mario Thevis. <i>Analytical Science Advances</i> , 2020 , 1, 141-142	1.1	
372	First Steps toward Uncovering Gene Doping with CRISPR/Cas by Identifying SpCas9 in Plasma via HPLC-HRMS/MS. <i>Analytical Chemistry</i> , 2020 , 92, 16322-16328	7.8	4
371	Dietary Supplement and Food Contaminations and Their Implications for Doping Controls. <i>Foods</i> , 2020 , 9,	4.9	25
370	Paper spray mass spectrometry - A potential complementary technique for the detection of polar compounds in sports drug testing. <i>Drug Testing and Analysis</i> , 2020 , 12, 1658-1665	3.5	5
369	Elimination profiles of microdosed ostarine mimicking contaminated products ingestion. <i>Drug Testing and Analysis</i> , 2020 , 12, 1570-1580	3.5	7
368	Implementation of the HIF activator IOX-2 in routine doping controls - Pilot study data. <i>Drug Testing and Analysis</i> , 2020 , 12, 1614-1619	3.5	3
367	Analytical Approaches in Human Sports Drug Testing: Recent Advances, Challenges, and Solutions. <i>Analytical Chemistry</i> , 2020 , 92, 506-523	7.8	19
366	Solid-phase extraction-liquid chromatography-tandem mass spectrometry method for the qualitative analysis of 61 synthetic cannabinoid metabolites in urine. <i>Drug Testing and Analysis</i> , 2020 , 12, 27-40	3.5	11
365	Fully automated dried blood spot sample preparation enables the detection of lower molecular mass peptide and non-peptide doping agents by means of LC-HRMS. <i>Analytical and Bioanalytical Chemistry</i> , 2020 , 412, 3765-3777	4.4	25
364	Exercise and the Kynurenine pathway: Current state of knowledge and results from a randomized cross-over study comparing acute effects of endurance and resistance training. <i>Exercise Immunology Review</i> , 2020 , 26, 24-42	8.6	24
363	In vitro metabolic profiling of synthetic cannabinoids by pooled human liver microsomes, cytochrome P450 isoenzymes, and <i>Cunninghamella elegans</i> and their detection in urine samples. <i>Analytical and Bioanalytical Chemistry</i> , 2019 , 411, 3561-3579	4.4	10
362	Differing Water Intake and Hydration Status in Three European Countries-A Day-to-Day Analysis. <i>Nutrients</i> , 2019 , 11,	6.7	6
361	Does oral fluid contribute to exhaled breath samples collected by means of an electret membrane?. <i>Drug Testing and Analysis</i> , 2019 , 11, 1764-1770	3.5	6
360	Erythropoietic effects of low-dose cobalt application. <i>Drug Testing and Analysis</i> , 2019 , 11, 200-207	3.5	13
359	Death after misuse of anabolic substances (clenbuterol, stanozolol and metandienone). <i>Forensic Science International</i> , 2019 , 303, 109925	2.6	12

358	Implementation and Performance of the Gas Chromatography/Combustion/Isotope Ratio Mass Spectrometry-Based Method for the Confirmatory Analysis of Endogenous Anabolic Steroids during the Rio de Janeiro Olympic and Paralympic Games 2016. <i>Analytical Chemistry</i> , 2019 , 91, 11747-11756	7.8	5
357	Safety, hemodynamic effects, and detection of acute xenon inhalation: rationale for banning xenon from sport. <i>Journal of Applied Physiology</i> , 2019 , 127, 1511-1518	3.7	3
356	Effect of acute and chronic xenon inhalation on erythropoietin, hematological parameters, and athletic performance. <i>Journal of Applied Physiology</i> , 2019 , 127, 1503-1510	3.7	6
355	Development of two complementary LC-HRMS methods for analyzing sotatercept in dried blood spots for doping controls. <i>Bioanalysis</i> , 2019 , 11, 923-940	2.1	11
354	Peptidic drugs and drug candidates in sports drug testing: agents affecting mitochondrial biogenesis or preventing activin receptor II activation. <i>Current Opinion in Endocrine and Metabolic Research</i> , 2019 , 9, 22-27	1.7	5
353	Organ distribution of diclazepam, pyrazolam and 3-fluorophenmetrazine. <i>Forensic Science International</i> , 2019 , 303, 109959	2.6	10
352	Analysis of endogenous steroids in urine by means of multi-immunoaffinity chromatography and isotope ratio mass spectrometry for sports drug testing. <i>Analytical and Bioanalytical Chemistry</i> , 2019 , 411, 7563-7571	4.4	3
351	Detection of the myostatin-neutralizing antibody Domagrozumab in serum by means of Western blotting and LC-HRMS. <i>Drug Testing and Analysis</i> , 2019 , 11, 1714-1723	3.5	7
350	Recent advances in the determination of insulins from biological fluids. <i>Advances in Clinical Chemistry</i> , 2019 , 93, 115-167	5.8	15
349	Pilot study on the effects of intravesical oxybutynin hydrochloride instillations on the validity of doping control urine samples. <i>Drug Testing and Analysis</i> , 2019 , 11, 1755-1760	3.5	1
348	Studies on the in vivo metabolism of methylstenbolone and detection of novel long term metabolites for doping control analysis. <i>Drug Testing and Analysis</i> , 2019 , 11, 1644-1655	3.5	11
347	Detection of black market follistatin 344. <i>Drug Testing and Analysis</i> , 2019 , 11, 1675-1697	3.5	2
346	Is heptaminol a (major) metabolite of octodrine?. <i>Drug Testing and Analysis</i> , 2019 , 11, 1761-1763	3.5	5
345	Phase I metabolic profiling of the synthetic cannabinoids THJ-018 and THJ-2201 in human urine in comparison to human liver microsome and cytochrome P450 isoenzyme incubation. <i>International Journal of Legal Medicine</i> , 2019 , 133, 1049-1064	3.1	7
344	Development of a mass spectrometry based detection method for the mitochondrion-derived peptide MOTS-c in plasma samples for doping control purposes. <i>Rapid Communications in Mass Spectrometry</i> , 2019 , 33, 371-380	2.2	12
343	SARCOSYL-PAGE: Optimized Protocols for the Separation and Immunological Detection of PEGylated Proteins. <i>Methods in Molecular Biology</i> , 2019 , 1855, 131-149	1.4	6
342	Annual banned-substance review: Analytical approaches in human sports drug testing. <i>Drug Testing and Analysis</i> , 2019 , 11, 8-26	3.5	12
341	Organ distribution of 4-MEC, MDPV, methoxetamine and β PVP: comparison of QuEChERS and SPE. <i>Forensic Toxicology</i> , 2018 , 36, 320-333	2.6	12

340	Analytical challenges in sports drug testing. <i>Analytical and Bioanalytical Chemistry</i> , 2018 , 410, 2275-2281	4.4	11
339	Growth hormone isoform-differential mass spectrometry for doping control purposes. <i>Drug Testing and Analysis</i> , 2018 , 10, 938-946	3.5	6
338	Detection of the Human Anti-ActRII Antibody Bimagrumab in Serum by Means of Affinity Purification, Tryptic Digestion, and LC-HRMS. <i>Proteomics - Clinical Applications</i> , 2018 , 12, e1700120	3.1	9
337	Structural elucidation of major selective androgen receptor modulator (SARM) metabolites for doping control. <i>Organic and Biomolecular Chemistry</i> , 2018 , 16, 698-702	3.9	13
336	Effects of different exercise intensities in the morning on football performance components in the afternoon. <i>German Journal of Exercise and Sport Research</i> , 2018 , 48, 235-244	1.2	3
335	Unambiguous identification and characterization of a long-term human metabolite of dehydrochloromethyltestosterone. <i>Drug Testing and Analysis</i> , 2018 , 10, 1244	3.5	19
334	Detection of SARMs in doping control analysis. <i>Molecular and Cellular Endocrinology</i> , 2018 , 464, 34-45	4.4	37
333	Mass spectrometric studies on selective androgen receptor modulators (SARMs) using electron ionization and electrospray ionization/collision-induced dissociation. <i>European Journal of Mass Spectrometry</i> , 2018 , 24, 145-156	1.1	18
332	Development and validation of a multidimensional gas chromatography/combustion/isotope ratio mass spectrometry-based test method for analyzing urinary steroids in doping controls. <i>Analytica Chimica Acta</i> , 2018 , 1030, 105-114	6.6	13
331	Equine in vivo-derived metabolites of the SARM LGD-4033 and comparison with human and fungal metabolites. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018 , 1074-1075, 91-98	3.2	14
330	Detection of Sotatercept (ACE-011) in human serum by SAR-PAGE and western single blotting. <i>Drug Testing and Analysis</i> , 2018 , 10, 927-937	3.5	7
329	Annual banned-substance review: Analytical approaches in human sports drug testing. <i>Drug Testing and Analysis</i> , 2018 , 10, 9-27	3.5	15
328	Combined detection of the ActRII-Fc fusion proteins Sotatercept (ActRIIA-Fc) and Luspatercept (modified ActRIIB-Fc) in serum by means of immunoaffinity purification, tryptic digestion, and LC-MS/MS. <i>Drug Testing and Analysis</i> , 2018 , 10, 1714-1721	3.5	9
327	Analysis of insulin and insulin analogs from dried blood spots by means of liquid chromatography-high resolution mass spectrometry. <i>Drug Testing and Analysis</i> , 2018 , 10, 1761-1768	3.5	18
326	Recent improvements in sports drug testing concerning the initial testing for peptidic drugs (Drug Testing and Analysis, 2018 , 10, 1755-1760	3.5	15
325	Effects of 3 Weeks of Oral Low-Dose Cobalt on Hemoglobin Mass and Aerobic Performance. <i>Frontiers in Physiology</i> , 2018 , 9, 1289	4.6	7
324	Studies on the in vivo metabolism of the SARM YK11: Identification and characterization of metabolites potentially useful for doping controls. <i>Drug Testing and Analysis</i> , 2018 , 10, 1646-1656	3.5	11
323	Hydroxyurea therapy modulates sickle cell anemia red blood cell physiology: Impact on RBC deformability, oxidative stress, nitrite levels and nitric oxide synthase signalling pathway. <i>Nitric Oxide - Biology and Chemistry</i> , 2018 , 81, 28-35	5	28

322	Post-mortem distribution of the synthetic cannabinoid MDMB-CHMICA and its metabolites in a case of combined drug intoxication. <i>International Journal of Legal Medicine</i> , 2018 , 132, 1645-1657	3.1	8
321	Case Study: Atypical \bar{C} values of urinary norandrosterone. <i>Drug Testing and Analysis</i> , 2018 , 10, 1728-1733	3.5	7
320	Updated protocols for the detection of Sotatercept and Luspatercept in human serum. <i>Drug Testing and Analysis</i> , 2018 , 10, 1708-1713	3.5	5
319	Analysis of new growth promoting black market products. <i>Growth Hormone and IGF Research</i> , 2018 , 41, 1-6	2	11
318	Xenon elimination kinetics following brief exposure. <i>Drug Testing and Analysis</i> , 2017 , 9, 666-670	3.5	5
317	Human sports drug testing by mass spectrometry. <i>Mass Spectrometry Reviews</i> , 2017 , 36, 16-46	11	22
316	GHB-O- β -glucuronide in blood and urine is not a suitable tool for the extension of the detection window after GHB intake. <i>Forensic Toxicology</i> , 2017 , 35, 263-274	2.6	15
315	Qualitative and Semiquantitative Analysis of Doping Products Seized at the Swiss Border. <i>Substance Use and Misuse</i> , 2017 , 52, 742-753	2.2	19
314	Simultaneous determination of insulin, DesB30 insulin, proinsulin, and C-peptide in human plasma samples by liquid chromatography coupled to high resolution mass spectrometry. <i>Forensic Toxicology</i> , 2017 , 35, 106-113	2.6	14
313	Analysis of taxine B/isotaxine B in a plasma specimen by LCMS/MS in a case of fatal poisoning: concealed suicide by ingestion of yew (<i>Taxus L.</i>) leaves of a patient with a long-term history of borderline personality disorder. <i>Forensic Toxicology</i> , 2017 , 35, 421-427	2.6	5
312	The atypical excretion profile of meldonium: Comparison of urinary detection windows after single- and multiple-dose application in healthy volunteers. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017 , 138, 175-179	3.5	9
311	Mass spectrometric characterization of the selective androgen receptor modulator (SARM) YK-11 for doping control purposes. <i>Rapid Communications in Mass Spectrometry</i> , 2017 , 31, 1175-1183	2.2	15
310	Expanding analytical options in sports drug testing: Mass spectrometric detection of prohibited substances in exhaled breath. <i>Rapid Communications in Mass Spectrometry</i> , 2017 , 31, 1290-1296	2.2	21
309	Implementation of the prolyl hydroxylase inhibitor Roxadustat (FG-4592) and its main metabolites into routine doping controls. <i>Drug Testing and Analysis</i> , 2017 , 9, 1768-1778	3.5	12
308	Screening for adiponectin receptor agonists and their metabolites in urine and dried blood spots. <i>Clinical Mass Spectrometry</i> , 2017 , 6, 13-20	1.9	3
307	Characterization of in vitro generated metabolites of selected peptides. <i>Drug Testing and Analysis</i> , 2017 , 9, 1799-1803	3.5	8
306	Applications of Isotope Ratio Mass Spectrometry in Sports Drug Testing Accounting for Isotope Fractionation in Analysis of Biological Samples. <i>Methods in Enzymology</i> , 2017 , 596, 403-432	1.7	14
305	Epiandrosterone sulfate prolongs the detectability of testosterone, 4-androstenedione, and dihydrotestosterone misuse by means of carbon isotope ratio mass spectrometry. <i>Drug Testing and Analysis</i> , 2017 , 9, 1695-1703	3.5	30

304	Carbon isotope ratios of endogenous steroids in Belgian Blue and Holstein cattle: Method development, reference population studies and application to steroid misuse control. <i>Rapid Communications in Mass Spectrometry</i> , 2017 , 31, 1793-1802	2.2	2
303	Determination of 74 new psychoactive substances in serum using automated in-line solid-phase extraction-liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017 , 1064, 124-138	3.2	31
302	Antibody-based strategies for the detection of Luspatercept (ACE-536) in human serum. <i>Drug Testing and Analysis</i> , 2017 , 9, 1721-1730	3.5	11
301	Immunoaffinity techniques coupled to mass spectrometry for the analysis of human peptide hormones: advances and applications. <i>Expert Review of Proteomics</i> , 2017 , 14, 799-807	4.2	16
300	Probing for corticotropin-releasing hormone (CRH) in human blood for doping control purposes using immunoaffinity purification and LC-HRMS/MS. <i>Analytical Methods</i> , 2017 , 9, 4304-4310	3.2	6
299	Determination of LongR-IGF-I, R-IGF-I, Des1-3 IGF-I and their metabolites in human plasma samples by means of LC-MS. <i>Growth Hormone and IGF Research</i> , 2017 , 35, 33-39	2	9
298	Development and validation of a HPLC/TOF-MS method for the determination of GHB- β -O-glucuronide and GHB-4-sulfate in plasma and urine. <i>Forensic Toxicology</i> , 2017 , 35, 77-85	2.6	9
297	Control of methylxanthines in the competition horse: pharmacokinetic/pharmacodynamic studies on caffeine, theobromine and theophylline for the assessment of irrelevant concentrations. <i>Drug Testing and Analysis</i> , 2017 , 9, 1372-1384	3.5	5
296	Mass spectrometric characterization of the hypoxia-inducible factor (HIF) stabilizer drug candidate BAY 85-3934 (molidustat) and its glucuronidated metabolite BAY-348, and their implementation into routine doping controls. <i>Drug Testing and Analysis</i> , 2017 , 9, 61-67	3.5	12
295	Investigation of the metabolites of the HIF stabilizer FG-4592 (roxadustat) in five different in vitro models and in a human doping control sample using high resolution mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017 , 134, 228-236	3.5	12
294	Annual banned-substance review: analytical approaches in human sports drug testing. <i>Drug Testing and Analysis</i> , 2017 , 9, 6-29	3.5	13
293	Evaluation of AMGEN clone 9G8A anti-Epo antibody for application in doping control. <i>Drug Testing and Analysis</i> , 2016 , 8, 1131-1137	3.5	2
292	Detection of the diuretic hydrochlorothiazide in a doping control urine sample as the result of a non-steroidal anti-inflammatory drug (NSAID) tablet contamination. <i>Forensic Science International</i> , 2016 , 267, 166-172	2.6	19
291	Genotype-dependent metabolism of exogenous testosterone - new biomarkers result in prolonged detectability. <i>Drug Testing and Analysis</i> , 2016 , 8, 1163-1173	3.5	26
290	Analytics of nonpeptidic erythropoietin mimetic agents in sports drug testing employing high-resolution/high-accuracy liquid chromatography-mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2016 , 408, 6431-42	4.4	1
289	Optimization of an online heart-cutting multidimensional gas chromatography clean-up step for isotopic ratio mass spectrometry and simultaneous quadrupole mass spectrometry measurements of endogenous anabolic steroid in urine. <i>Drug Testing and Analysis</i> , 2016 , 8, 1204-1211	3.5	16
288	Emerging drugs affecting skeletal muscle function and mitochondrial biogenesis - Potential implications for sports drug testing programs. <i>Rapid Communications in Mass Spectrometry</i> , 2016 , 30, 635-51	2.2	26
287	Mitragynine (Kratom) - monitoring in sports drug testing. <i>Drug Testing and Analysis</i> , 2016 , 8, 1114-1118	3.5	8

286	In vitro elucidation of the metabolic profile of the synthetic cannabinoid receptor agonists JWH-175 and JWH-176. <i>Forensic Toxicology</i> , 2016 , 34, 353-362	2.6	4
285	Myostatin inhibitors in sports drug testing: Detection of myostatin-neutralizing antibodies in plasma/serum by affinity purification and Western blotting. <i>Proteomics - Clinical Applications</i> , 2016 , 10, 195-205	3.1	8
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