Mario Thevis

List of Publications by Citations

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	Nutritional supplements cross-contaminated and faked with doping substances. *Journal of Mass Spectrometry*, **2008**, 43, 892-902	2.2	257
428	Factors influencing the steroid profile in doping control analysis. *Journal of Mass Spectrometry*, **2008**, 43, 877-91	2.2	197
427	Mass spectrometry in sports drug testing: Structure characterization and analytical assays. *Mass Spectrometry Reviews*, **2007**, 26, 79-107	11	160
426	Determination of 13C/12C ratios of endogenous urinary steroids: method validation, reference population and application to doping control purposes. *Rapid Communications in Mass Spectrometry* , **2008**, 22, 2161-75	2.2	133
425	In vitro phase I metabolism of the synthetic cannabimimetic JWH-018. *Analytical and Bioanalytical Chemistry*, **2010**, 398, 2141-53	4.4	121
424	Screening for unknown synthetic steroids in human urine by liquid chromatography-tandem mass spectrometry. *Journal of Mass Spectrometry*, **2005**, 40, 955-62	2.2	119
423	Sensitive determination of prohibited drugs in dried blood spots (DBS) for doping controls by means of a benchtop quadrupole/Orbitrap mass spectrometer. *Analytical and Bioanalytical Chemistry*, **2012**, 403, 1279-89	4.4	113
422	RBC-NOS-dependent S-nitrosylation of cytoskeletal proteins improves RBC deformability. *PLoS ONE*, **2013**, 8, e56759	3.7	106
421	Screening for the synthetic cannabinoid JWH-018 and its major metabolites in human doping controls. *Drug Testing and Analysis*, **2011**, 3, 609-20	3.5	100
420	Mass spectrometric identification and characterization of a new long-term metabolite of metandienone in human urine. *Rapid Communications in Mass Spectrometry*, **2006**, 20, 2252-8	2.2	99
419	Qualitative determination of synthetic analogues of insulin in human plasma by immunoaffinity purification and liquid chromatography-tandem mass spectrometry for doping control purposes. *Analytical Chemistry*, **2005**, 77, 3579-85	7.8	94
418	Quantification of human insulin-like growth factor-1 and qualitative detection of its analogues in plasma using liquid chromatography/electrospray ionisation tandem mass spectrometry. *Rapid Communications in Mass Spectrometry*, **2008**, 22, 477-85	2.2	92
417	Mass spectrometric determination of insulins and their degradation products in sports drug testing. *Mass Spectrometry Reviews*, **2008**, 27, 35-50	11	89
416	Doping control analysis of intact rapid-acting insulin analogues in human urine by liquid chromatography-tandem mass spectrometry. *Analytical Chemistry*, **2006**, 78, 1897-903	7.8	81
415	Confiscated black market products and nutritional supplements with non-approved ingredients analyzed in the Cologne Doping Control Laboratory 2009. *Drug Testing and Analysis*, **2010**, 2, 533-7	3.5	77
414	Determination of growth hormone releasing peptides (GHRP) and their major metabolites in human urine for doping controls by means of liquid chromatography mass spectrometry. *Analytical and Bioanalytical Chemistry*, **2011**, 401, 507-16	4.4	76
413	Immunoaffinity purification of peptide hormones prior to liquid chromatography-mass spectrometry in doping controls. *Methods*, **2012**, 56, 230-5	4.6	75

412	Interlaboratory agreement of insulin-like growth factor 1 concentrations measured by mass spectrometry. *Clinical Chemistry*, **2014**, 60, 541-8	5.5	73
411	Current role of LC-MS(/MS) in doping control. *Analytical and Bioanalytical Chemistry*, **2007**, 388, 1351-8	4.4	71
410	Liquid chromatography/electrospray ionization tandem mass spectrometric screening and confirmation methods for beta2-agonists in human or equine urine. *Journal of Mass Spectrometry*, **2003**, 38, 1197-206	2.2	71
409	Discrimination of recombinant and endogenous urinary erythropoietin by calculating relative mobility values from SDS gels. *International Journal of Sports Medicine*, **2008**, 29, 1-6	3.6	70
408	Anabolic agents: recent strategies for their detection and protection from inadvertent doping. *British Journal of Sports Medicine*, **2014**, 48, 820-6	10.3	69
407	Identification of black market products and potential doping agents in Germany 2010-2013. *European Journal of Clinical Pharmacology*, **2014**, 70, 1303-11	2.8	69
406	Current role of LC-MS(/MS) in doping control. *Analytical and Bioanalytical Chemistry*, **2011**, 401, 405-20	4.4	69
405	Mass spectrometric identification of degradation products of insulin and its long-acting analogues in human urine for doping control purposes. *Analytical Chemistry*, **2007**, 79, 2518-24	7.8	69
404	Screening for metabolically stable aryl-propionamide-derived selective androgen receptor modulators for doping control purposes. *Rapid Communications in Mass Spectrometry*, **2006**, 20, 870-6	2.2	67
403	Structure characterisation of urinary metabolites of the cannabimimetic JWH-018 using chemically synthesised reference material for the support of LC-MS/MS-based drug testing. *Analytical and Bioanalytical Chemistry*, **2011**, 401, 493-505	4.4	66
402	Sensitive and fast identification of urinary human, synthetic and animal insulin by means of nano-UPLC coupled with high-resolution/high-accuracy mass spectrometry. *Drug Testing and Analysis*, **2009**, 1, 219-27	3.5	66
401	Mass spectrometry of stanozolol and its analogues using electrospray ionization and collision-induced dissociation with quadrupole-linear ion trap and linear ion trap-orbitrap hybrid mass analyzers. *Rapid Communications in Mass Spectrometry*, **2005**, 19, 3369-78	2.2	66
400	Aryl-propionamide-derived selective androgen receptor modulators: liquid chromatography-tandem mass spectrometry characterization of the in vitro synthesized metabolites for doping control purposes. *Drug Metabolism and Disposition*, **2008**, 36, 571-81	4	65
399	Characterization of chemically modified steroids for doping control purposes by electrospray ionization tandem mass spectrometry. *Journal of Mass Spectrometry*, **2005**, 40, 494-502	2.2	62
398	High-throughput screening for various classes of doping agents using a new ₽dilute-and-shootP liquid chromatography-tandem mass spectrometry multi-target approach. *Drug Testing and Analysis* , **2011**, 3, 836-50	3.5	60
397	Simultaneous determination and validated quantification of human insulin and its synthetic analogues in human blood serum by immunoaffinity purification and liquid chromatography-mass spectrometry. *Analytical and Bioanalytical Chemistry*, **2012**, 404, 1813-22	4.4	59
396	Sports drug testing using complementary matrices: Advantages and limitations. *Journal of Pharmaceutical and Biomedical Analysis*, **2016**, 130, 220-230	3.5	58
395	Hypoxia-inducible factor stabilizers and other small-molecule erythropoiesis-stimulating agents in current and preventive doping analysis. *Drug Testing and Analysis*, **2012**, 4, 830-45	3.5	57

394	Comprehensive plasma-screening for known and unknown substances in doping controls. *Rapid Communications in Mass Spectrometry*, **2010**, 24, 1124-32	2.2	55
393	Mass spectrometry of selective androgen receptor modulators. *Journal of Mass Spectrometry*, **2008**, 43, 865-76	2.2	55
392	Development and validation of a mass spectrometric detection method of peginesatide in dried blood spots for sports drug testing. *Analytical and Bioanalytical Chemistry*, **2012**, 403, 2715-24	4.4	54
391	Analysis of confiscated black market drugs using chromatographic and mass spectrometric approaches. *Journal of Analytical Toxicology*, **2008**, 32, 232-40	2.9	54
390	Mass spectrometric determination of gonadotrophin-releasing hormone (GnRH) in human urine for doping control purposes by means of LC-ESI-MS/MS. *Journal of Mass Spectrometry*, **2008**, 43, 908-15	2.2	54
389	New potential markers for the detection of boldenone misuse. *Journal of Steroid Biochemistry and Molecular Biology*, **2012**, 132, 239-46	5.1	51
388	Determination of IGF-1 and IGF-2, their degradation products and synthetic analogues in urine by LC-MS/MS. *Analyst, The*, **2011**, 136, 1003-12	5	51
387	Expanding analytical possibilities concerning the detection of stanozolol misuse by means of high resolution/high accuracy mass spectrometric detection of stanozolol glucuronides in human sports drug testing. *Drug Testing and Analysis*, **2013**, 5, 810-8	3.5	50
386	Evaluation of commercially available assays for the measurement of equine insulin. *Domestic Animal Endocrinology*, **2011**, 41, 81-90	2.3	50
385	Detection of the arylpropionamide-derived selective androgen receptor modulator (SARM) S-4 (Andarine) in a black-market product. *Drug Testing and Analysis*, **2009**, 1, 387-92	3.5	50
384	Determination of prohibited, small peptides in urine for sports drug testing by means of nano-liquid chromatography/benchtop quadrupole orbitrap tandem-mass spectrometry. *Journal of Chromatography A*, **2012**, 1259, 251-7	4.5	49
383	Emerging drugs: mechanism of action, mass spectrometry and doping control analysis. *Journal of Mass Spectrometry*, **2009**, 44, 442-60	2.2	49
382	Anabolic, doping, and lifestyle drugs, and selected metabolites in wastewater--detection, quantification, and behaviour monitored by high-resolution MS and MS(n) before and after sewage treatment. *Analytical and Bioanalytical Chemistry*, **2010**, 398, 1207-29	4.4	48
381	Examples of doping control analysis by liquid chromatography-tandem mass spectrometry: ephedrines, beta-receptor blocking agents, diuretics, sympathomimetics, and cross-linked hemoglobins. *Journal of Chromatographic Science*, **2005**, 43, 22-31	1.4	48
380	Clenbuterol - regional food contamination a possible source for inadvertent doping in sports. *Drug Testing and Analysis*, **2012**, 4, 534-8	3.5	47
379	Determination of the origin of urinary norandrosterone traces by gas chromatography combustion isotope ratio mass spectrometry. *Analyst, The*, **2006**, 131, 1021-6	5	47
378	Synthesis, characterization, and detection of new oxandrolone metabolites as long-term markers in sports drug testing. *Analytical and Bioanalytical Chemistry*, **2013**, 405, 8285-94	4.4	46
377	Determination of human insulin and its analogues in human blood using liquid chromatography coupled to ion mobility mass spectrometry (LC-IM-MS). *Drug Testing and Analysis*, **2014**, 6, 1125-32	3.5	46

376	Liquid chromatographic-mass spectrometric analysis of glucuronide-conjugated anabolic steroid metabolites: method validation and interlaboratory comparison. *Journal of Mass Spectrometry*, **2008**, 43, 965-73	2.2	46
375	Urinary concentrations of morphine and codeine after consumption of poppy seeds. *Journal of Analytical Toxicology*, **2003**, 27, 53-6	2.9	46
374	Identification of the growth-hormone-releasing peptide-2 (GHRP-2) in a nutritional supplement. *Drug Testing and Analysis*, **2010**, 2, 144-8	3.5	45
373	Screening for 2-quinolinone-derived selective androgen receptor agonists in doping control analysis. *Rapid Communications in Mass Spectrometry*, **2007**, 21, 3477-86	2.2	45
372	Long-term engraftment following transplantation of pig pancreatic primordia into non-immunosuppressed diabetic rhesus macaques. *Xenotransplantation*, **2007**, 14, 591-602	2.8	45
371	Analytical approaches for the detection of emerging therapeutics and non-approved drugs in human doping controls. *Journal of Pharmaceutical and Biomedical Analysis*, **2014**, 101, 66-83	3.5	44
370	Mass spectrometric characterization of urinary metabolites of the selective androgen receptor modulator andarine (S-4) for routine doping control purposes. *Rapid Communications in Mass Spectrometry*, **2010**, 24, 2245-54	2.2	44
369	Enzyme-assisted synthesis and structure characterization of glucuronide conjugates of eleven anabolic steroid metabolites. *Steroids*, **2008**, 73, 257-65	2.8	44
368	High speed determination of beta-receptor blocking agents in human urine by liquid chromatography/tandem mass spectrometry. *Biomedical Chromatography*, **2001**, 15, 393-402	1.7	44
367	Metabolism of growth hormone releasing peptides. *Analytical Chemistry*, **2012**, 84, 10252-9	7.8	42
366	Determination of Vasopressin and Desmopressin in urine by means of liquid chromatography coupled to quadrupole time-of-flight mass spectrometry for doping control purposes. *Analytica Chimica Acta*, **2011**, 707, 107-13	6.6	42
365	Identification of the aromatase inhibitors anastrozole and exemestane in human urine using liquid chromatography/tandem mass spectrometry. *Rapid Communications in Mass Spectrometry*, **2006**, 20, 1954-62	2.2	42
364	Identification of fentanyl, alfentanil, sufentanil, remifentanil and their major metabolites in human urine by liquid chromatography/tandem mass spectrometry for doping control purposes. *European Journal of Mass Spectrometry*, **2005**, 11, 419-27	1.1	42
363	Mass spectrometric analysis of androstan-17beta-ol-3-one and androstadiene-17beta-ol-3-one isomers. *Journal of the American Society for Mass Spectrometry*, **2005**, 16, 1660-9	3.5	42
362	Determination of (13)C/(12)C ratios of endogenous urinary steroids excreted as sulpho conjugates. *Rapid Communications in Mass Spectrometry*, **2010**, 24, 3171-81	2.2	41
361	Mass Spectrometry in Doping Control Analysis. *Current Organic Chemistry*, **2005**, 9, 825-848	1.7	40
360	"Dilute-and-inject" multi-target screening assay for highly polar doping agents using hydrophilic interaction liquid chromatography high resolution/high accuracy mass spectrometry for sports drug testing. *Analytical and Bioanalytical Chemistry*, **2015**, 407, 5365-79	4.4	39
359	Use of dried blood spots in doping control analysis of anabolic steroid esters. *Journal of Pharmaceutical and Biomedical Analysis*, **2014**, 96, 21-30	3.5	39

358	Trafficking of drug candidates relevant for sports drug testing: detection of non-approved therapeutics categorized as anabolic and gene doping agents in products distributed via the Internet. *Drug Testing and Analysis*, **2011**, 3, 331-6	3.5	39
357	**2010**,		38
356	Unusual mass spectrometric dissociation pathway of protonated isoquinoline-3-carboxamides due to multiple reversible water adduct formation in the gas phase. *Journal of the American Society for Mass Spectrometry*, **2009**, 20, 2034-48	3.5	38
355	Doping-control analysis of the 5alpha-reductase inhibitor finasteride: determination of its influence on urinary steroid profiles and detection of its major urinary metabolite. *Therapeutic Drug Monitoring*, **2007**, 29, 236-47	3.2	38
354	Detection of SARMs in doping control analysis. *Molecular and Cellular Endocrinology*, **2018**, 464, 34-45	4.4	37
353	Ultrahigh pressure liquid chromatography-(tandem) mass spectrometry in human sports drug testing: possibilities and limitations. *Journal of Chromatography A*, **2013**, 1292, 38-50	4.5	37
352	Doping control analysis of selected peptide hormones using LC-MS(/MS). *Forensic Science International*, **2011**, 213, 35-41	2.6	37
351	Characterization of two major urinary metabolites of the PPARdelta-agonist GW1516 and implementation of the drug in routine doping controls. *Analytical and Bioanalytical Chemistry*, **2010**, 396, 2479-91	4.4	37
350	Recommended criteria for the mass spectrometric identification of target peptides and proteins (. *Rapid Communications in Mass Spectrometry*, **2007**, 21, 297-304	2.2	37
349	Determination of benzimidazole- and bicyclic hydantoin-derived selective androgen receptor antagonists and agonists in human urine using LC-MS/MS. *Analytical and Bioanalytical Chemistry*, **2008**, 391, 251-61	4.4	37
348	Simplifying and expanding analytical capabilities for various classes of doping agents by means of direct urine injection high performance liquid chromatography high resolution/high accuracy mass spectrometry. *Journal of Pharmaceutical and Biomedical Analysis*, **2016**, 131, 482-496	3.5	37
347	Application of FAIMS to anabolic androgenic steroids in sport drug testing. *Drug Testing and Analysis*, **2009**, 1, 545-53	3.5	36
346	New drugs and methods of doping and manipulation. *Drug Discovery Today*, **2008**, 13, 59-66	8.8	36
345	Determination of Synacthen in human plasma using immunoaffinity purification and liquid chromatography/tandem mass spectrometry. *Rapid Communications in Mass Spectrometry*, **2006**, 20, 3551-6	2.2	36
344	Does the analysis of the enantiomeric composition of clenbuterol in human urine enable the differentiation of illicit clenbuterol administration from food contamination in sports drug testing?. *Rapid Communications in Mass Spectrometry*, **2013**, 27, 507-12	2.2	35
343	Identification of human pituitary growth hormone variants by mass spectrometry. *Journal of Proteome Research*, **2009**, 8, 1071-6	5.6	35
342	Characterization of in vitro generated metabolites of the selective androgen receptor modulators S-22 and S-23 and in vivo comparison to post-administration canine urine specimens. *Drug Testing and Analysis*, **2010**, 2, 589-98	3.5	35
341	Measuring insulin in human vitreous humour using LC-MS/MS. *Drug Testing and Analysis*, **2012**, 4, 53-6	3.5	34

340	Dried blood spots (DBS) for doping control analysis. *Drug Testing and Analysis*, **2011**, 3, 806-813	3.5	34
339	Mass spectrometric characterization of urinary metabolites of the selective androgen receptor modulator S-22 to identify potential targets for routine doping controls. *Rapid Communications in Mass Spectrometry*, **2011**, 25, 2187-95	2.2	34
338	Determination of Synacthen in urine for sports drug testing by means of nano-ultra-performance liquid chromatography/tandem mass spectrometry. *Rapid Communications in Mass Spectrometry*, **2009**, 23, 2669-74	2.2	34
337	Insulin. *Handbook of Experimental Pharmacology*, **2010**, 209-26	3.2	34
336	Doping control analysis of bovine hemoglobin-based oxygen therapeutics in human plasma by LC-electrospray ionization-MS/MS. *Analytical Chemistry*, **2003**, 75, 3287-93	7.8	34
335	Mildronate (Meldonium) in professional sports - monitoring doping control urine samples using hydrophilic interaction liquid chromatography - high resolution/high accuracy mass spectrometry. *Drug Testing and Analysis*, **2015**, 7, 973-9	3.5	33
334	Adverse analytical findings with clenbuterol among U-17 soccer players attributed to food contamination issues. *Drug Testing and Analysis*, **2013**, 5, 372-6	3.5	33
333	Doping control analysis of tricyclic tetrahydroquinoline-derived selective androgen receptor modulators using liquid chromatography/electrospray ionization tandem mass spectrometry. *Rapid Communications in Mass Spectrometry*, **2008**, 22, 2471-8	2.2	33
332	Proteases in doping control analysis. *International Journal of Sports Medicine*, **2007**, 28, 545-9	3.6	33
331	Quantification of urinary AICAR concentrations as a matter of doping controls. *Analytical and Bioanalytical Chemistry*, **2010**, 396, 2899-908	4.4	32
330	Insulins in equine urine: qualitative analysis by immunoaffinity purification and liquid chromatography/tandem mass spectrometry for doping control purposes in horse-racing. *Rapid Communications in Mass Spectrometry*, **2008**, 22, 355-62	2.2	32
329	Determination of 74 new psychoactive substances in serum using automated in-line solid-phase extraction-liquid chromatography-tandem mass spectrometry. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2017**, 1064, 124-138	3.2	31
328	Investigations of the microbial transformation of cortisol to prednisolone in urine samples. *Journal of Steroid Biochemistry and Molecular Biology*, **2012**, 129, 54-60	5.1	31
327	Rapid determination of urinary di(2-ethylhexyl) phthalate metabolites based on liquid chromatography/tandem mass spectrometry as a marker for blood transfusion in sports drug testing. *Analytical and Bioanalytical Chemistry*, **2011**, 401, 517-28	4.4	31
326	Investigation of the in vitro metabolism of the emerging drug candidate S107 for doping-preventive purposes. *Journal of Mass Spectrometry*, **2011**, 46, 112-30	2.2	31
325	Detection of surreptitious administration of analog insulin to an 8-week-old infant. *Pediatrics*, **2010**, 125, e1236-40	7.4	31
324	Detection of manipulation in doping control urine sample collection: a multidisciplinary approach to determine identical urine samples. *Analytical and Bioanalytical Chemistry*, **2007**, 388, 1539-43	4.4	31
323	Quantification of Clenbuterol in Human Plasma and Urine by Liquid Chromatography-Tandem Mass Spectrometry. *Chromatographia*, **2005**, 62, 435-439	2.1	31

322	Detection of the plasma volume expander hydroxyethyl starch in human urine. *Biomedical Applications*, **2000**, 744, 345-50		31
321	Simplifying and expanding the screening for peptides . *Journal of Separation Science*, **2016**, 39, 333-41	3.4	31
320	Fully automated determination of nicotine and its major metabolites in whole blood by means of a DBS online-SPE LC-HR-MS/MS approach for sports drug testing. *Journal of Pharmaceutical and Biomedical Analysis*, **2016**, 123, 132-40	3.5	30
319	Epiandrosterone sulfate prolongs the detectability of testosterone, 4-androstenedione, and dihydrotestosterone misuse by means of carbon isotope ratio mass spectrometry. *Drug Testing and Analysis*, **2017**, 9, 1695-1703	3.5	30
318	Doping control analysis of emerging drugs in human plasma - identification of GW501516, S-107, JTV-519, and S-40503. *Rapid Communications in Mass Spectrometry*, **2009**, 23, 1139-46	2.2	30
317	Metabolism of 4-hydroxyandrostenedione and 4-hydroxytestosterone: Mass spectrometric identification of urinary metabolites. *Steroids*, **2007**, 72, 278-86	2.8	30
316	Annual banned-substance review: analytical approaches in human sports drug testing. *Drug Testing and Analysis*, **2016**, 8, 7-29	3.5	30
315	Combination of carbon isotope ratio with hydrogen isotope ratio determinations in sports drug testing. *Analytical and Bioanalytical Chemistry*, **2013**, 405, 5455-66	4.4	29
314	Synthesis, characterisation, and mass spectrometric detection of a pegylated EPO-mimetic peptide for sports drug testing purposes. *Rapid Communications in Mass Spectrometry*, **2011**, 25, 2115-23	2.2	29
313	SERMs and SARMs: detection of their activities with yeast based bioassays. *Journal of Steroid Biochemistry and Molecular Biology*, **2010**, 118, 85-92	5.1	29
312	Doping control analysis of trenbolone and related compounds using liquid chromatography-tandem mass spectrometry. *Steroids*, **2009**, 74, 315-21	2.8	29
311	Determination of the prevalence of anabolic steroids, stimulants, and selected drugs subject to doping controls among elite sport students using analytical chemistry. *Journal of Sports Sciences*, **2008**, 26, 1059-65	3.6	29
310	Detection of Stanozolol and Its Major Metabolites in Human Urine by Liquid Chromatography-Tandem Mass Spectrometry. *Chromatographia*, **2006**, 64, 441-446	2.1	29
309	Traditional Chinese medicine and sports drug testing: identification of natural steroid administration in doping control urine samples resulting from musk (pod) extracts. *British Journal of Sports Medicine*, **2013**, 47, 109-14	10.3	28
308	Annual banned-substance review: analytical approaches in human sports drug testing. *Drug Testing and Analysis*, **2013**, 5, 1-19	3.5	28
307	Detection of His-tagged Long-R□IGF-I in a black market product. *Growth Hormone and IGF Research*, **2010**, 20, 386-90	2	28
306	Use of an electrochemically synthesised metabolite of a selective androgen receptor modulator for mass spectrometry-based sports drug testing. *European Journal of Mass Spectrometry*, **2008**, 14, 163-70	1.1	28
305	Mass spectrometric identification of peptide hormones in doping-control analysis. *Analyst, The*, **2007**, 132, 287-91	5	28

304	Emerging drugs--potential for misuse in sport and doping control detection strategies. *Mini-Reviews in Medicinal Chemistry*, **2007**, 7, 531-7	3.2	28
303	Detection of homologous blood transfusion. *International Journal of Sports Medicine*, **2007**, 28, 633-7	3.6	28
302	Hydroxyurea therapy modulates sickle cell anemia red blood cell physiology: Impact on RBC deformability, oxidative stress, nitrite levels and nitric oxide synthase signalling pathway. *Nitric Oxide - Biology and Chemistry*, **2018**, 81, 28-35	5	28
301	Determination of growth hormone releasing peptides metabolites in human urine after nasal administration of GHRP-1, GHRP-2, GHRP-6, Hexarelin, and Ipamorelin. *Drug Testing and Analysis*, **2015**, 7, 919-25	3.5	27
300	Determination of the deuterium/hydrogen ratio of endogenous urinary steroids for doping control purposes. *Rapid Communications in Mass Spectrometry*, **2009**, 23, 1917-26	2.2	27
299	Mass spectrometry of hydantoin-derived selective androgen receptor modulators. *Journal of Mass Spectrometry*, **2008**, 43, 639-50	2.2	27
298	Gas phase reaction of substituted isoquinolines to carboxylic acids in ion trap and triple quadrupole mass spectrometers after electrospray ionization and collision-induced dissociation. *Journal of the American Society for Mass Spectrometry*, **2008**, 19, 151-8	3.5	27
297	Determination of N-desmethyl- and N-bisdesmethyl metabolites of Sibutramine in doping control analysis using liquid chromatography-tandem mass spectrometry. *European Journal of Mass Spectrometry*, **2006**, 12, 129-36	1.1	27
296	Genotype-dependent metabolism of exogenous testosterone - new biomarkers result in prolonged detectability. *Drug Testing and Analysis*, **2016**, 8, 1163-1173	3.5	26
295	Emerging drugs affecting skeletal muscle function and mitochondrial biogenesis - Potential implications for sports drug testing programs. *Rapid Communications in Mass Spectrometry*, **2016**, 30, 635-51	2.2	26
294	Qualitative identification of growth hormone-releasing hormones in human plasma by means of immunoaffinity purification and LC-HRMS/MS. *Analytical and Bioanalytical Chemistry*, **2016**, 408, 3145-53	4.4	26
293	Plasticizers excreted in urine: indication of autologous blood transfusion in sports. *Transfusion*, **2012**, 52, 647-57	2.9	26
292	Characterization of a non-approved selective androgen receptor modulator drug candidate sold via the Internet and identification of in vitro generated phase-I metabolites for human sports drug testing. *Rapid Communications in Mass Spectrometry*, **2015**, 29, 991-9	2.2	26
291	Analytical challenges in the detection of peptide hormones for anti-doping purposes. *Bioanalysis*, **2012**, 4, 1577-90	2.1	26
290	Detection of dehydroepiandrosterone misuse by means of gas chromatography-combustion-isotope ratio mass spectrometry. *European Journal of Mass Spectrometry*, **2007**, 13, 419-26	1.1	26
289	Analyses of Meldonium (Mildronate) from Blood, Dried Blood Spots (DBS), and Urine Suggest Drug Incorporation into Erythrocytes. *International Journal of Sports Medicine*, **2016**, 37, 500-2	3.6	26
288	Can dried blood spots (DBS) contribute to conducting comprehensive SARS-CoV-2 antibody tests?. *Drug Testing and Analysis*, **2020**, 12, 994-997	3.5	25
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286	Annual banned-substance review: analytical approaches in human sports drug testing. *Drug Testing and Analysis*, **2015**, 7, 1-20	3.5	25
285	Quantitative analysis of urinary glycerol levels for doping control purposes using gas chromatography-mass spectrometry. *European Journal of Mass Spectrometry*, **2008**, 14, 117-25	1.1	25
284	Tetrahydrogestrinone is a potent but unselective binding steroid and affects glucocorticoid signalling in the liver. *Toxicology Letters*, **2006**, 164, 16-23	4.4	25
283	Electrospray ionization mass spectrometric characterization and quantitation of xanthine derivatives using isotopically labelled analogues: an application for equine doping control analysis. *Rapid Communications in Mass Spectrometry*, **2004**, 18, 1553-60	2.2	25
282	Identification and Characterization of Peptides and Proteins in Doping Control Analysis. *Current Proteomics*, **2005**, 2, 191-208	0.7	25
281	Mass spectrometry of steroid glucuronide conjugates. I. Electron impact fragmentation of 5alpha-/5beta-androstan-3alpha-ol-17-one glucuronides, 5alpha-estran-3alpha-ol-17-one glucuronide and deuterium-labelled analogues. *Journal of Mass Spectrometry*, **2001**, 36, 159-68	2.2	25
280	Mass spectrometric behavior of thiazide-based diuretics after electrospray ionization and collision-induced dissociation. *Analytical Chemistry*, **2002**, 74, 3802-8	7.8	25
279	Dietary Supplement and Food Contaminations and Their Implications for Doping Controls. *Foods*, **2020**, 9,	4.9	25
278	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. *Analytical and Bioanalytical Chemistry*, **2020**, 412, 3765-3777	4.4	25
277	Expanded test method for peptides >2 kDa employing immunoaffinity purification and LC-HRMS/MS. *Drug Testing and Analysis*, **2015**, 7, 990-8	3.5	24
276	Reporting and managing elevated testosterone/epitestosterone ratios--novel aspects after five yearsPexperience. *Drug Testing and Analysis*, **2010**, 2, 637-42	3.5	24
275	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. *Exercise Immunology Review*, **2020**, 26, 24-42	8.6	24
274	Investigations on hydrogen isotope ratios of endogenous urinary steroids: reference-population-based thresholds and proof-of-concept. *Drug Testing and Analysis*, **2012**, 4, 717-27	3.5	23
273	Temporal indication of cannabis use by means of THC glucuronide determination. *Drug Testing and Analysis*, **2009**, 1, 505-10	3.5	23
272	Screening for two selective androgen receptor modulators using gas chromatography-mass spectrometry in doping control analysis. *European Journal of Mass Spectrometry*, **2008**, 14, 153-61	1.1	23
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