Sven Guddat

List of Publications by Year
in descending order

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Version: 2024-02-01

28 papers	788 citations	471509 17 h-index	501196 28 g-index
28 all docs	28 docs citations	28 times ranked	580 citing authors

#	Article	IF	Citations
1	Mass spectrometric identification and characterization of a new long-term metabolite of metandienone in human urine. Rapid Communications in Mass Spectrometry, 2006, 20, 2252-2258.	1.5	114
2	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, 810-818.	2.6	62
3	â€œDilute-and-injectâ€•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, 5365-5379.	3.7	48
4	Mildronate (Meldonium) in professional sports â€“ monitoring doping control urine samples using hydrophilic interaction liquid chromatography â€“ high resolution/high accuracy mass spectrometry. Drug Testing and Analysis, 2015, 7, 973-979.	2.6	48
5	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.	2.8	48
6	Application of FAIMS to anabolic androgenic steroids in sport drug testing. Drug Testing and Analysis, 2009, 1, 545-553.	2.6	44
7	Dried blood spots (DBS) for doping control analysis. Drug Testing and Analysis, 2011, 3, 806-813.	2.6	42
8	Simplifying and expanding the screening for peptides <2 kDa by direct urine injection, liquid chromatography, and ion mobility mass spectrometry. Journal of Separation Science, 2016, 39, 333-341.	2.5	40
9	Quantification of urinary AICAR concentrations as a matter of doping controls. Analytical and Bioanalytical Chemistry, 2010, 396, 2899-2908.	3.7	34
10	Doping control analysis of trenbolone and related compounds using liquid chromatographyâ€“tandem mass spectrometry. Steroids, 2009, 74, 315-321.	1.8	31
11	Quantitative Analysis of Urinary Glycerol Levels for Doping Control Purposes Using Gas Chromatography-Mass Spectrometry. European Journal of Mass Spectrometry, 2008, 14, 117-124.	1.0	30
12	Detection of the diuretic hydrochlorothiazide in a doping control urine sample as the result of a non-steroidal anti-inflammatory drug (NSAID) tablet contamination. Forensic Science International, 2016, 267, 166-172.	2.2	27
13	Identification and quantification of the plasma volume expander dextran in human urine by liquid chromatography-tandem mass spectrometry of enzymatically derived Isomaltose. Biomedical Chromatography, 2005, 19, 743-750.	1.7	25
14	Rapid screening of polysaccharideâ€based plasma volume expanders dextran and hydroxyethyl starch in human urine by liquid chromatographyâ€“tandem mass spectrometry. Biomedical Chromatography, 2008, 22, 695-701.	1.7	25
15	Elimination profiles of microdosed ostarine mimicking contaminated products ingestion. Drug Testing and Analysis, 2020, 12, 1570-1580.	2.6	23
16	Recent improvements in sports drug testing concerning the initial testing for peptidic drugs (<) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2018, 10, 1755-1760.	2.6	22
17	Identification and Quantification of the Osmodiuretic Mannitol in Urine for Sports Drug Testing Using Gas Chromatography-Mass Spectrometry. European Journal of Mass Spectrometry, 2008, 14, 127-133.	1.0	17
18	Organâ€onâ€aâ€chip: Determine feasibility of a human liver microphysiological model to assess longâ€term steroid metabolites in sports drug testing. Drug Testing and Analysis, 2021, 13, 1921-1928.	2.6	17

#	Article	IF	Citations
19	Paper spray mass spectrometry â€“ A potential complementary technique for the detection of polar compounds in sports drug testing. Drug Testing and Analysis, 2020, 12, 1658-1665.	2.6	13
20	Screening and confirmation of myoâ€inositol trispyrophosphate (ITPP) in human urine by hydrophilic interaction liquid chromatography high resolution / high accuracy mass spectrometry for doping control purposes. Drug Testing and Analysis, 2014, 6, 1102-1107.	2.6	12
21	The atypical excretion profile of meldonium: Comparison of urinary detection windows after single- and multiple-dose application in healthy volunteers. Journal of Pharmaceutical and Biomedical Analysis, 2017, 138, 175-179.	2.8	12
22	Investigations into the elimination profiles and metabolite ratios of micro-dosed selective androgen receptor modulator LGD-4033 for doping control purposes. Analytical and Bioanalytical Chemistry, 2022, 414, 1151-1162.	3.7	12
23	Mitragynine (Kratom) â€monitoring in sports drug testing. Drug Testing and Analysis, 2016, 8, 1114-1118.	2.6	10
24	Stanozololâ€Nâ€glucuronide metabolites in human urine samples as suitable targets in terms of routine antiâ€doping analysis. Drug Testing and Analysis, 2021, 13, 1668-1677.	2.6	10
25	Meldonium residues in milk: A possible scenario for inadvertent doping in sports?. Drug Testing and Analysis, 2021, 13, 1906-1910.	2.6	9
26	Implementation of the HIF activator IOXâ€2 in routine doping controls â€“ Pilot study data. Drug Testing and Analysis, 2020, 12, 1614-1619.	2.6	6
27	Mass spectrometric characterization of urinary hydrafinil metabolites for routine doping control purposes. Drug Testing and Analysis, 2021, 13, 1915-1920.	2.6	5
28	Pilot study on the effects of intravesical oxybutynin hydrochloride instillations on the validity of doping control urine samples. Drug Testing and Analysis, 2019, 11, 1755-1760.	2.6	2