

Terence S M Wan

List of Publications by Citations

Source: <https://exaly.com/author-pdf/8990339/terence-s-m-wan-publications-by-citations.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

74
papers

1,578
citations

24
h-index

37
g-index

75
ext. papers

1,722
ext. citations

4
avg, IF

4.25
L-index

#	Paper	IF	Citations
74	Production, Isolation, and Electronic Properties of Missing Fullerenes: [email[protected]]72 and [email[protected]]74. <i>Journal of the American Chemical Society</i> , 1998 , 120, 6806-6807	16.4	132
73	Comprehensive screening of anabolic steroids, corticosteroids, and acidic drugs in horse urine by solid-phase extraction and liquid chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2006 , 1120, 38-53	4.5	93
72	Chiral analysis by electrospray ionization mass spectrometry/mass spectrometry. 1. Chiral recognition of 19 common amino acids. <i>Analytical Chemistry</i> , 2000 , 72, 5383-93	7.8	80
71	Synthesis and Properties of the First Acetylene Derivatives of C60. <i>Journal of Organic Chemistry</i> , 1994 , 59, 6101-6102	4.2	80
70	Screening of anabolic steroids in horse urine by liquid chromatography-tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2005 , 37, 1031-8	3.5	65
69	Synthesis of beta-Mono-, Tetra-, and Octasubstituted Sterically Bulky Porphyrins via Suzuki Cross Coupling. <i>Journal of Organic Chemistry</i> , 1996 , 61, 3590-3593	4.2	56
68	Separation of basic drugs with non-aqueous capillary electrophoresis. <i>Journal of Chromatography A</i> , 1996 , 738, 141-154	4.5	54
67	Analysis of corticosteroids in equine urine by liquid chromatography-mass spectrometry. <i>Biomedical Applications</i> , 2001 , 754, 229-44		50
66	Doping control analysis of recombinant human erythropoietin, darbepoetin alfa and methoxy polyethylene glycol-epoetin beta in equine plasma by nano-liquid chromatography-tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2010 , 396, 2513-21	4.4	46
65	Comprehensive screening of acidic and neutral drugs in equine plasma by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2008 , 1189, 426-34	4.5	41
64	Synthesis and properties of dialkyl derivatives of di[60]fullerenylbutadiyne and di[60]fullerenylacetylene: the buckydumbbells. <i>Tetrahedron Letters</i> , 1996 , 37, 6153-6156	2	40
63	Chiral recognition of amino acids by electrospray ionisation mass spectrometry/mass spectrometry. <i>Chemical Communications</i> , 1999 , 2119-2120	5.8	39
62	Detection of endogenous boldenone in the entire male horses. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004 , 808, 287-94	3.2	37
61	Doping control analysis of insulin and its analogues in equine plasma by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2008 , 1201, 183-90	4.5	36
60	Controlling the misuse of cobalt in horses. <i>Drug Testing and Analysis</i> , 2015 , 7, 21-30	3.5	33
59	Doping control analysis of insulin and its analogues in equine urine by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2011 , 1218, 1139-46	4.5	32
58	High throughput screening of sub-ppb levels of basic drugs in equine plasma by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2007 , 1156, 271-9	4.5	32

57	Rapid analysis of fatty acid-binding proteins with immunosensors and immunotests for early monitoring of tissue injury. <i>Biosensors and Bioelectronics</i> , 2005 , 20, 2566-80	11.8	30
56	Rapid screening of anabolic steroids in horse urine with ultra-high-performance liquid chromatography/tandem mass spectrometry after chemical derivatisation. <i>Journal of Chromatography A</i> , 2012 , 1232, 257-65	4.5	28
55	Detection of anti-diabetics in equine plasma and urine by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004 , 811, 65-73	3.2	28
54	High-throughput screening of corticosteroids and basic drugs in horse urine by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005 , 825, 47-56	3.2	28
53	Doping control analysis of seven bioactive peptides in horse plasma by liquid chromatography-mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2013 , 405, 2595-606	4.4	26
52	Screening of drugs in equine plasma using automated on-line solid-phase extraction coupled with liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2010 , 1217, 3289-96	4.5	25
51	Metabolic studies of mesterolone in horses. <i>Analytica Chimica Acta</i> , 2007 , 596, 149-55	6.6	25
50	Doping control analyses in horseracing: a clinician's guide. <i>Veterinary Journal</i> , 2014 , 200, 8-16	2.5	24
49	High resolution accurate mass screening of prohibited substances in equine plasma using liquid chromatography-Orbitrap mass spectrometry. <i>Drug Testing and Analysis</i> , 2013 , 5, 509-28	3.5	23
48	A broad-spectrum equine urine screening method for free and enzyme-hydrolysed conjugated drugs with ultra performance liquid chromatography/tandem mass spectrometry. <i>Analytica Chimica Acta</i> , 2011 , 697, 48-60	6.6	22
47	Synthesis of a propargyl alcohol having a C60 cage, its transformation into C60 derivatives with polar functional groups, and the solubility measurements. <i>Tetrahedron</i> , 1998 , 54, 2049-2058	2.4	22
46	Doping control analysis of TB-500, a synthetic version of an active region of thymosin β in equine urine and plasma by liquid chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2012 , 1265, 57-69	4.5	21
45	Metabolic studies of methenolone acetate in horses. <i>Analytica Chimica Acta</i> , 2005 , 540, 111-119	6.6	21
44	Screening of over 100 drugs in horse urine using automated on-line solid-phase extraction coupled to liquid chromatography-high resolution mass spectrometry for doping control. <i>Journal of Chromatography A</i> , 2017 , 1490, 89-101	4.5	19
43	In vitro metabolic studies using homogenized horse liver in place of horse liver microsomes. <i>Drug Testing and Analysis</i> , 2011 , 3, 393-9	3.5	18
42	Detection of singly- and doubly-charged quaternary ammonium drugs in equine urine by liquid chromatography/tandem mass spectrometry. <i>Analytica Chimica Acta</i> , 2012 , 710, 94-101	6.6	17
41	Reaction of C60 with Chlorophenyldiazirine. Spectral and Electronic Properties of the C60-Chlorophenylcarbene 1:1 Adduct. <i>Chemistry Letters</i> , 1993 , 22, 2163-2166	1.7	17
40	Doping control analysis of 46 polar drugs in horse plasma and urine using a dilute-and-shoot Ultra high performance liquid chromatography-high resolution mass spectrometry approach. <i>Journal of Chromatography A</i> , 2016 , 1451, 41-49	4.5	17

39	Unusual observations during steroid analysis. <i>Rapid Communications in Mass Spectrometry</i> , 2008 , 22, 682-62	16
38	A bottom-up approach in estimating the measurement uncertainty and other important considerations for quantitative analyses in drug testing for horses. <i>Journal of Chromatography A</i> , 2007 , 1163, 237-46	4.5 15
37	Targeted Metabolomics Approach To Detect the Misuse of Steroidal Aromatase Inhibitors in Equine Sports by Biomarker Profiling. <i>Analytical Chemistry</i> , 2016 , 88, 764-72	7.8 14
36	Liquid chromatography-mass spectrometry analysis of five bisphosphonates in equine urine and plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015 , 998-999, 1-7	3.2 13
35	In vitro and in vivo studies of androst-4-ene-3,6,17-trione in horses by gas chromatography-mass spectrometry. <i>Biomedical Chromatography</i> , 2010 , 24, 744-51	1.7 13
34	High Pressure Synthesis of Cycloadduct of Fullerene C60 with 2H-Pyran-2-one**. <i>Synthetic Communications</i> , 1997 , 27, 1475-1482	1.7 12
33	Metabolic studies of formestane in horses. <i>Drug Testing and Analysis</i> , 2013 , 5, 412-9	3.5 11
32	Detection of seventy-two anabolic and androgenic steroids and/or their esters in horse hair using ultra-high performance liquid chromatography-high resolution mass spectrometry in multiplexed targeted MS mode and gas chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2018 , 1566, 51-63	4.5 11
31	Identification of cryptorchidism in horses by analysing urine samples with gas chromatography/mass spectrometry. <i>Veterinary Journal</i> , 2011 , 187, 60-4	2.5 10
30	Interlaboratory trial for the measurement of total cobalt in equine urine and plasma by ICP-MS. <i>Drug Testing and Analysis</i> , 2017 , 9, 1400-1406	3.5 8
29	Control of the misuse of testosterone in castrated horses based on an international threshold in plasma. <i>Drug Testing and Analysis</i> , 2015 , 7, 414-9	3.5 7
28	Detection of myo-inositol trispyrophosphate in equine urine and plasma by hydrophilic interaction chromatography-tandem mass spectrometry. <i>Drug Testing and Analysis</i> , 2012 , 4, 355-61	3.5 7
27	Doping control analysis of 121 prohibited substances in equine hair by liquid chromatography-tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018 , 158, 189-203	3.5 7
26	Generation of phase II in vitro metabolites using homogenized horse liver. <i>Drug Testing and Analysis</i> , 2016 , 8, 241-7	3.5 6
25	Metabolic studies of 1-testosterone in horses. <i>Drug Testing and Analysis</i> , 2013 , 5, 81-8	3.5 6
24	Control of the misuse of bromide in horses. <i>Drug Testing and Analysis</i> , 2010 , 2, 323-9	3.5 6
23	Chemical Transformation of C60. Addition of Carbenes and Cycloaddition of Anthracene. <i>Fullerenes, Nanotubes, and Carbon Nanostructures</i> , 1993 , 1, 231-238	6
22	A duplex qPCR assay for human erythropoietin (EPO) transgene to control gene doping in horses. <i>Drug Testing and Analysis</i> , 2021 , 13, 113-121	3.5 6

21	Simultaneous detection of xenon and krypton in equine plasma by gas chromatography-tandem mass spectrometry for doping control. <i>Drug Testing and Analysis</i> , 2017 , 9, 317-322	3.5	5
20	Solid phase extraction as a simple method for the enrichment of endohedral metallofullerenes. <i>Tetrahedron Letters</i> , 1996 , 37, 9249-9252	2	5
19	Detection of bioactive peptides including gonadotrophin-releasing factors (GnRHs) in horse urine using ultra-high performance liquid chromatography-high resolution mass spectrometry (UHPLC/HRMS). <i>Drug Testing and Analysis</i> , 2020 , 12, 1274-1286	3.5	4
18	Label-free Proteomics For Discovering Biomarker Candidates for Controlling Krypton Misuse in Castrated Horses (Geldings). <i>Journal of Proteome Research</i> , 2020 , 19, 1196-1208	5.6	4
17	Identification of recombinant human relaxin-2 in equine plasma by liquid chromatography-high resolution mass spectrometry. <i>Drug Testing and Analysis</i> , 2013 , 5, 627-33	3.5	4
16	Doping control analysis of anabolic steroids in equine urine by gas chromatography-tandem mass spectrometry. <i>Drug Testing and Analysis</i> , 2017 , 9, 1320-1327	3.5	4
15	In vitro metabolism studies of desoxy-methyltestosterone (DMT) and its five analogues, and in vivo metabolism of desoxy-vinyltestosterone (DVT) in horses. <i>Journal of Mass Spectrometry</i> , 2015 , 50, 994-1005	2.2	4
14	Doping control analysis of lithium in horse urine and plasma by inductively coupled plasma mass spectrometry. <i>Drug Testing and Analysis</i> , 2017 , 9, 1407-1411	3.5	3
13	In vitro phase I metabolism of selective estrogen receptor modulators in horse using ultra-high performance liquid chromatography-high resolution mass spectrometry. <i>Drug Testing and Analysis</i> , 2017 , 9, 1349-1362	3.5	2
12	Identification of porcine relaxin in plasma by liquid chromatography-high resolution mass spectrometry. <i>Drug Testing and Analysis</i> , 2017 , 9, 1412-1420	3.5	2
11	A high-throughput and broad-spectrum screening method for analysing over 120 drugs in horse urine using liquid chromatography-high-resolution mass spectrometry. <i>Drug Testing and Analysis</i> , 2020 , 12, 900-917	3.5	2
10	Doping control study of AICAR in post-race urine and plasma samples from horses. <i>Drug Testing and Analysis</i> , 2017 , 9, 1363-1371	3.5	1
9	Evidence of boldenone, nandrolone, 5(10)-estrene-3 β -diol and 4-estrene-3,17-dione as minor metabolites of testosterone in equine. <i>Drug Testing and Analysis</i> , 2017 , 9, 1337-1348	3.5	1
8	Responses to Commentary on Paper: "Controlling the misuse of cobalt in horses". <i>Drug Testing and Analysis</i> , 2016 , 8, 882-4	3.5	1
7	Interconversion of ephedrine and pseudoephedrine during chemical derivatization. <i>Drug Testing and Analysis</i> , 2012 , 4, 1028-33	3.5	1
6	Administration study of recombinant human relaxin-2 in horse for doping control purpose. <i>Drug Testing and Analysis</i> , 2020 , 12, 361-370	3.5	1
5	Application of a non-target variable data independent workflow (vDIA) for the screening of prohibited substances in doping control testing. <i>Drug Testing and Analysis</i> , 2021 , 13, 1008-1033	3.5	1
4	Label-free proteomics for discovering biomarker candidates of RAD140 administration to castrated horses. <i>Drug Testing and Analysis</i> , 2021 , 13, 1034-1047	3.5	1

- | | | | |
|---|--|-----|---|
| 3 | Metabolic studies of selective androgen receptor modulators RAD140 and S-23 in horses. <i>Drug Testing and Analysis</i> , 2021 , 13, 318-337 | 3.5 | 1 |
| 2 | Tiludronic acid can be detected in blood and urine samples from Thoroughbred racehorses over 3 years after last administration. <i>Equine Veterinary Journal</i> , 2021 , 53, 1287-1295 | 2.4 | 0 |
| 1 | Doping control analysis of total arsenic in equine plasma. <i>Drug Testing and Analysis</i> , 2020 , 12, 1462-1469 | 3.5 | |