Terence S M Wan

List of Publications by Year in Descending Order

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	Tiludronic acid can be detected in blood and urine samples from Thoroughbred racehorses over 3 years after last administration. *Equine Veterinary Journal*, **2021**, 53, 1287-1295	2.4	0
73	Application of a non-target variable data independent workflow (vDIA) for the screening of prohibited substances in doping control testing. *Drug Testing and Analysis*, **2021**, 13, 1008-1033	3.5	1
72	A duplex qPCR assay for human erythropoietin (EPO) transgene to control gene doping in horses. *Drug Testing and Analysis*, **2021**, 13, 113-121	3.5	6
71	Label-free proteomics for discovering biomarker candidates of RAD140 administration to castrated horses. *Drug Testing and Analysis*, **2021**, 13, 1034-1047	3.5	1
70	Metabolic studies of selective androgen receptor modulators RAD140 and S-23 in horses. *Drug Testing and Analysis*, **2021**, 13, 318-337	3.5	1
69	Detection of bioactive peptides including gonadotrophin-releasing factors (GnRHs) in horse urine using ultra-high performance liquid chromatography-high resolution mass spectrometry (UHPLC/HRMS). *Drug Testing and Analysis*, **2020**, 12, 1274-1286	3.5	4
68	Doping control analysis of total arsenic in equine plasma. *Drug Testing and Analysis*, **2020**, 12, 1462-1469	3.5	
67	Label-free Proteomics for Discovering Biomarker Candidates for Controlling Krypton Misuse in Castrated Horses (Geldings). *Journal of Proteome Research*, **2020**, 19, 1196-1208	5.6	4
66	A high-throughput and broad-spectrum screening method for analysing over 120 drugs in horse urine using liquid chromatography-high-resolution mass spectrometry. *Drug Testing and Analysis*, **2020**, 12, 900-917	3.5	2
65	Administration study of recombinant human relaxin-2 in horse for doping control purpose. *Drug Testing and Analysis*, **2020**, 12, 361-370	3.5	1
64	Doping control analysis of 121 prohibited substances in equine hair by liquid chromatography-tandem mass spectrometry. *Journal of Pharmaceutical and Biomedical Analysis*, **2018**, 158, 189-203	3.5	7
63	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. *Journal of Chromatography A*, **2018**, 1566, 51-63	4.5	11
62	Simultaneous detection of xenon and krypton in equine plasma by gas chromatography-tandem mass spectrometry for doping control. *Drug Testing and Analysis*, **2017**, 9, 317-322	3.5	5
61	Doping control analysis of lithium in horse urine and plasma by inductively coupled plasma mass spectrometry. *Drug Testing and Analysis*, **2017**, 9, 1407-1411	3.5	3
60	In vitro phase I metabolism of selective estrogen receptor modulators in horse using ultra-high performance liquid chromatography-high resolution mass spectrometry. *Drug Testing and Analysis*, **2017**, 9, 1349-1362	3.5	2
59	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. *Journal of Chromatography A*, **2017**, 1490, 89-101	4.5	19
58	Doping control study of AICAR in post-race urine and plasma samples from horses. *Drug Testing and Analysis*, **2017**, 9, 1363-1371	3.5	1

57	Evidence of boldenone, nandrolone, 5(10)-estrene-3β,17β-diol and 4-estrene-3,17-dione as minor metabolites of testosterone in equine. *Drug Testing and Analysis*, **2017**, 9, 1337-1348	3.5	1
56	Interlaboratory trial for the measurement of total cobalt in equine urine and plasma by ICP-MS. *Drug Testing and Analysis*, **2017**, 9, 1400-1406	3.5	8
55	Identification of porcine relaxin in plasma by liquid chromatography-high resolution mass spectrometry. *Drug Testing and Analysis*, **2017**, 9, 1412-1420	3.5	2
54	Doping control analysis of anabolic steroids in equine urine by gas chromatography-tandem mass spectrometry. *Drug Testing and Analysis*, **2017**, 9, 1320-1327	3.5	4
53	Generation of phase II in vitro metabolites using homogenized horse liver. *Drug Testing and Analysis* , **2016**, 8, 241-7	3.5	6
52	Responses to Commentary on Paper: "Controlling the misuse of cobalt in horses". *Drug Testing and Analysis*, **2016**, 8, 882-4	3.5	1
51	Targeted Metabolomics Approach To Detect the Misuse of Steroidal Aromatase Inhibitors in Equine Sports by Biomarker Profiling. *Analytical Chemistry*, **2016**, 88, 764-72	7.8	14
50	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. *Journal of Chromatography A*, **2016**, 1451, 41-49	4.5	17
49	Liquid chromatography-mass spectrometry analysis of five bisphosphonates in equine urine and plasma. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2015**, 998-999, 1-7	3.2	13
48	Control of the misuse of testosterone in castrated horses based on an international threshold in plasma. *Drug Testing and Analysis*, **2015**, 7, 414-9	3.5	7
47	In vitro metabolism studies of desoxy-methyltestosterone (DMT) and its five analogues, and in vivo metabolism of desoxy-vinyltestosterone (DVT) in horses. *Journal of Mass Spectrometry*, **2015**, 50, 994-1005	2.2	4
46	Controlling the misuse of cobalt in horses. *Drug Testing and Analysis*, **2015**, 7, 21-30	3.5	33
45	Doping control analyses in horseracing: a clinician's guide. *Veterinary Journal*, **2014**, 200, 8-16	2.5	24
44	Metabolic studies of 1-testosterone in horses. *Drug Testing and Analysis*, **2013**, 5, 81-8	3.5	6
43	Doping control analysis of seven bioactive peptides in horse plasma by liquid chromatography-mass spectrometry. *Analytical and Bioanalytical Chemistry*, **2013**, 405, 2595-606	4.4	26
42	Identification of recombinant human relaxin-2 in equine plasma by liquid chromatography-high resolution mass spectrometry. *Drug Testing and Analysis*, **2013**, 5, 627-33	3.5	4
41	High resolution accurate mass screening of prohibited substances in equine plasma using liquid chromatography--Orbitrap mass spectrometry. *Drug Testing and Analysis*, **2013**, 5, 509-28	3.5	23
40	Metabolic studies of formestane in horses. *Drug Testing and Analysis*, **2013**, 5, 412-9	3.5	11

39	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. *Journal of Chromatography A*, **2012**, 1265, 57-69	4.5	21
38	Detection of singly- and doubly-charged quaternary ammonium drugs in equine urine by liquid chromatography/tandem mass spectrometry. *Analytica Chimica Acta*, **2012**, 710, 94-101	6.6	17
37	Interconversion of ephedrine and pseudoephedrine during chemical derivatization. *Drug Testing and Analysis*, **2012**, 4, 1028-33	3.5	1
36	Detection of myo-inositol trispyrophosphate in equine urine and plasma by hydrophillic interaction chromatography-tandem mass spectrometry. *Drug Testing and Analysis*, **2012**, 4, 355-61	3.5	7
35	Rapid screening of anabolic steroids in horse urine with ultra-high-performance liquid chromatography/tandem mass spectrometry after chemical derivatisation. *Journal of Chromatography A*, **2012**, 1232, 257-65	4.5	28
34	Identification of cryptorchidism in horses by analysing urine samples with gas chromatography/mass spectrometry. *Veterinary Journal*, **2011**, 187, 60-4	2.5	10
33	In vitro metabolic studies using homogenized horse liver in place of horse liver microsomes. *Drug Testing and Analysis*, **2011**, 3, 393-9	3.5	18
32	Doping control analysis of insulin and its analogues in equine urine by liquid chromatography-tandem mass spectrometry. *Journal of Chromatography A*, **2011**, 1218, 1139-46	4.5	32
31	A broad-spectrum equine urine screening method for free and enzyme-hydrolysed conjugated drugs with ultra performance liquid chromatography/tandem mass spectrometry. *Analytica Chimica Acta*, **2011**, 697, 48-60	6.6	22
30	In vitro and in vivo studies of androst-4-ene-3,6,17-trione in horses by gas chromatography-mass spectrometry. *Biomedical Chromatography*, **2010**, 24, 744-51	1.7	13
29	Control of the misuse of bromide in horses. *Drug Testing and Analysis*, **2010**, 2, 323-9	3.5	6
28	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. *Analytical and Bioanalytical Chemistry*, **2010**, 396, 2513-21	4.4	46
27	Screening of drugs in equine plasma using automated on-line solid-phase extraction coupled with liquid chromatography-tandem mass spectrometry. *Journal of Chromatography A*, **2010**, 1217, 3289-96	4.5	25
26	Unusual observations during steroid analysis. *Rapid Communications in Mass Spectrometry*, **2008**, 22, 682-92	2.2	16
25	Comprehensive screening of acidic and neutral drugs in equine plasma by liquid chromatography-tandem mass spectrometry. *Journal of Chromatography A*, **2008**, 1189, 426-34	4.5	41
24	Doping control analysis of insulin and its analogues in equine plasma by liquid chromatography-tandem mass spectrometry. *Journal of Chromatography A*, **2008**, 1201, 183-90	4.5	36
23	High throughput screening of sub-ppb levels of basic drugs in equine plasma by liquid chromatography-tandem mass spectrometry. *Journal of Chromatography A*, **2007**, 1156, 271-9	4.5	32
22	A bottom-up approach in estimating the measurement uncertainty and other important considerations for quantitative analyses in drug testing for horses. *Journal of Chromatography A*, **2007**, 1163, 237-46	4.5	15

21	Metabolic studies of mesterolone in horses. *Analytica Chimica Acta*, **2007**, 596, 149-55	6.6	25
20	Comprehensive screening of anabolic steroids, corticosteroids, and acidic drugs in horse urine by solid-phase extraction and liquid chromatography-mass spectrometry. *Journal of Chromatography A*, **2006**, 1120, 38-53	4.5	93
19	Rapid analysis of fatty acid-binding proteins with immunosensors and immunotests for early monitoring of tissue injury. *Biosensors and Bioelectronics*, **2005**, 20, 2566-80	11.8	30
18	Screening of anabolic steroids in horse urine by liquid chromatography-tandem mass spectrometry. *Journal of Pharmaceutical and Biomedical Analysis*, **2005**, 37, 1031-8	3.5	65
17	High-throughput screening of corticosteroids and basic drugs in horse urine by liquid chromatography-tandem mass spectrometry. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2005**, 825, 47-56	3.2	28
16	Metabolic studies of methenolone acetate in horses. *Analytica Chimica Acta*, **2005**, 540, 111-119	6.6	21
15	Detection of anti-diabetics in equine plasma and urine by liquid chromatography-tandem mass spectrometry. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2004**, 811, 65-73	3.2	28
14	Detection of endogenous boldenone in the entire male horses. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2004**, 808, 287-94	3.2	37
13	Analysis of corticosteroids in equine urine by liquid chromatography-mass spectrometry. *Biomedical Applications*, **2001**, 754, 229-44		50
12	Chiral analysis by electrospray ionization mass spectrometry/mass spectrometry. 1. Chiral recognition of 19 common amino acids. *Analytical Chemistry*, **2000**, 72, 5383-93	7.8	80
11	Chiral recognition of amino acids by electrospray ionisation mass spectrometry/mass spectrometry. *Chemical Communications*, **1999**, 2119-2120	5.8	39
10	Synthesis of a propargyl alcohol having a C60 cage, its transformation into C60 derivatives with polar functional groups, and the solubility measurements. *Tetrahedron*, **1998**, 54, 2049-2058	2.4	22
9	Production, Isolation, and Electronic Properties of Missing Fullerenes: 72 and 74. *Journal of the American Chemical Society*, **1998**, 120, 6806-6807	16.4	132
8	High Pressure Synthesis of Cycloadduct of Fullerene C60 with 2H-Pyran-2-one**. *Synthetic Communications*, **1997**, 27, 1475-1482	1.7	12
7	Synthesis of beta-Mono-, Tetra-, and Octasubstituted Sterically Bulky Porphyrins via Suzuki Cross Coupling. *Journal of Organic Chemistry*, **1996**, 61, 3590-3593	4.2	56
6	Synthesis and properties of dialkyl derivatives of di[60]fullerenylbutadiyne and di[60]fullerenylacetylene: the buckydumbbells. *Tetrahedron Letters*, **1996**, 37, 6153-6156	2	40
5	Separation of basic drugs with non-aqueous capillary electrophoresis. *Journal of Chromatography A*, **1996**, 738, 141-154	4.5	54
4	Solid phase extraction as a simple method for the enrichment of endohedral metallofullerenes. *Tetrahedron Letters*, **1996**, 37, 9249-9252	2	5

3	Synthesis and Properties of the First Acetylene Derivatives of C60. *Journal of Organic Chemistry*, **1994**, 59, 6101-6102	4.2	80
2	Chemical Transformation of C60. Addition of Carbenes and Cycloaddition of Anthracene. *Fullerenes, Nanotubes, and Carbon Nanostructures*, **1993**, 1, 231-238		6
1	Reaction of C60with Chlorophenyldiazirine. Spectral and Electronic Properties of the C60-Chlorophenylcarbene 1:1 Adduct. *Chemistry Letters*, **1993**, 22, 2163-2166	1.7	17