Wai Him Kwok

List of Publications by Citations

49 papers	939 citations	18 h-index	29 g-index
55 ext. papers	1,025 ext. citations	4.2 avg, IF	3.54 L-index

#	Paper	IF	Citations
49	Highly enantioselective alkynylzinc addition to aromatic aldehydes catalyzed by self-assembled titanium catalysts. *Journal of the American Chemical Society*, **2002**, 124, 12636-7	16.4	145
48	Air-stable catalysts for highly efficient and enantioselective hydrogenation of aromatic ketones. *Journal of Organic Chemistry*, **2002**, 67, 7908-10	4.2	81
47	A new chiral dipyridylphosphine ligand Xyl-P-Phos and its application in the Ru-catalyzed asymmetric hydrogenation of β-ketoesters. *Tetrahedron Letters*, **2002**, 43, 1539-1543	2	62
46	Synthesis and Crystal Structure of an Unprecedented Tin(II)−Tin(II) Donor−Acceptor Complex, RN2Sn-SnCl2 [RN = CH(SiMe3)C9H6N-8]. *Journal of the American Chemical Society*, **1997**, 119, 1145-1146	16.4	38
45	Enantioselective bis-alkoxycarbonylation of styrene catalyzed by novel chiral dipyridylphosphine cationic palladium(II) complexes. *Journal of Molecular Catalysis A*, **2003**, 196, 171-178		33
44	Asymmetric hydroesterification of styrene using catalysts with planar-chiral ferrocene oxazoline ligands. *Tetrahedron: Asymmetry*, **2003**, 14, 2291-2295		32
43	A comparison of the asymmetric hydrogenation catalyzed by rhodium complexes containing chiral ligands with a binaphthyl unit and those with a 5,5?,6,6?,7,7?,8,8?-octahydro-binaphthyl unit. *Tetrahedron: Asymmetry*, **2001**, 12, 2337-2342		32
42	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
41	Nucleophilic substitution reactions at the Si−Cl bonds of the dichloro(methyl)silyl ligand in five- and six-coordinate complexes of ruthenium(II) and osmium(II). *Journal of Organometallic Chemistry*, **2004**, 689, 2511-2522	2.3	27
40	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
39	Tethered silyl complexes from nucleophilic substitution reactions at the Si−Cl bond of the chloro(diphenyl)silyl ligand in Ru(SiClPh2)(η2-S2CNMe2)(CO)(PPh3)2. *Journal of Organometallic Chemistry*, **2004**, 689, 2979-2987	2.3	26
38	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
37	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
36	Metabolic studies of turinabol in horses. *Analytica Chimica Acta*, **2007**, 586, 208-16	6.6	22
35	Studies on the rhodium- and ruthenium-catalyzed asymmetric hydrogenation of β-dehydroamino acids using a family of chiral dipyridylphosphine ligand (P-Phos). *Tetrahedron: Asymmetry*, **2003**, 14, 987-992		22
34	Doping control analysis of TB-500, a synthetic version of an active region of thymosin β4 in equine urine and plasma by liquid chromatography-mass spectrometry. *Journal of Chromatography A*, **2012**, 1265, 57-69	4.5	21
33	Rhodium-catalyzed asymmetric hydrogenation with aminophosphine ligands derived from 1,1?-binaphthyl-2,2?-diamine. *Tetrahedron Letters*, **2002**, 43, 6803-6806	2	21

32	Structural and Mechanistic Studies of Halogenation of a Tin(II) N-Functionalized Alkyl. *Organometallics*, **2003**, 22, 1751-1755	3.8	19
31	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
30	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
29	Unusual observations during steroid analysis. *Rapid Communications in Mass Spectrometry*, **2008**, 22, 682-6	2.2	16
28	Syntheses and structures of dimethylamino-bridged bis(silylene)ruthenium and -osmium complexes. *Journal of Organometallic Chemistry*, **2002**, 645, 235-245	2.3	16
27	A Convenient Synthesis of 2,2?,6,6?-Tetramethoxy- 4,4?-bis(dicyclohexylphosphino)-3,3?-bipyridine (Cy-P-Phos): Application in Rh-Catalyzed Asymmetric Hydrogenation of α-(Acylamino)acrylates. *Advanced Synthesis and Catalysis*, **2005**, 347, 507-511	5.6	16
26	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
25	Structural, magnetic and catalytic properties of a self-recognized mu-oxo-bridged diiron(III) bis(benzimidazole) complex. *Inorganic Chemistry*, **2001**, 40, 4036-9	5.1	15
24	Detection of anabolic and androgenic steroids and/or their esters in horse hair using ultra-high performance liquid chromatography-high resolution mass spectrometry. *Journal of Chromatography A*, **2017**, 1493, 76-86	4.5	14
23	Metabolic study of androsta-1,4,6-triene-3,17-dione in horses using liquid chromatography/high resolution mass spectrometry. *Journal of Steroid Biochemistry and Molecular Biology*, **2015**, 152, 142-54	5.1	13
22	Metabolic studies of formestane in horses. *Drug Testing and Analysis*, **2013**, 5, 412-9	3.5	11
21	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
20	Osmadisiloxane and osmastannasiloxane complexes derived from silanolate complexes of osmium(II). *Inorganica Chimica Acta*, **2005**, 358, 1407-1419	2.7	10
19	Synthesis and characterization of the dimethyl-substituted bisbenzimidazole ligand and its manganese complex. *Inorganic Chemistry*, **2000**, 39, 2367-76	5.1	10
18	Structural trends in first-row transition-metal bis(benzimidazole) complexes. *Inorganic Chemistry*, **2000**, 39, 1076-80	5.1	9
17	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
16	Doping control analysis of filgrastim in equine plasma and its application to a co-administration study of filgrastim and recombinant human erythropoietin in the horse. *Journal of Chromatography A*, **2014**, 1338, 92-101	4.5	7
15	Detection and Confirmation of Ginsenosides in Horse Urine by GC–MS and LC–MS. *Chromatographia*, **2009**, 69, 923-932	2.1	7

14	Metabolic studies of 1-testosterone in horses. *Drug Testing and Analysis*, **2013**, 5, 81-8	3.5	6
13	The structurally characterised silyl complexes, Os(η2-S2CNMe2)(SiMeCl2)(CO)(PPh3)2 and Os(η2-S2CNMe2)(SiCl3)(CO)(PPh3)2, which have remarkably unreactive Si–Cl bonds. *Journal of Organometallic Chemistry*, **2006**, 691, 2593-2598	2.3	6
12	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
11	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
10	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
9	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
8	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
7	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
6	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
5	Identification of porcine relaxin in plasma by liquid chromatography-high resolution mass spectrometry. *Drug Testing and Analysis*, **2017**, 9, 1412-1420	3.5	2
4	Metabolic study of methylstenbolone in horses using liquid chromatography-high resolution mass spectrometry and gas chromatography-mass spectrometry. *Journal of Chromatography A*, **2018**, 1546, 106-118	4.5	2
3	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
2	Interconversion of ephedrine and pseudoephedrine during chemical derivatization. *Drug Testing and Analysis*, **2012**, 4, 1028-33	3.5	1
1	Administration study of recombinant human relaxin-2 in horse for doping control purpose. *Drug Testing and Analysis*, **2020**, 12, 361-370	3.5	1