

# Wai Him Kwok

## List of Publications by Year in Descending Order

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

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	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> , <b>2020</b> , 12, 1274-1286	3.5	4
48	Label-free Proteomics for Discovering Biomarker Candidates for Controlling Krypton Misuse in Castrated Horses (Geldings). <i>Journal of Proteome Research</i> , <b>2020</b> , 19, 1196-1208	5.6	4
47	Administration study of recombinant human relaxin-2 in horse for doping control purpose. <i>Drug Testing and Analysis</i> , <b>2020</b> , 12, 361-370	3.5	1
46	Metabolic study of methylstenbolone in horses using liquid chromatography-high resolution mass spectrometry and gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , <b>2018</b> , 1546, 106-118	4.5	2
45	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> , <b>2018</b> , 1566, 51-63	4.5	11
44	Simultaneous detection of xenon and krypton in equine plasma by gas chromatography-tandem mass spectrometry for doping control. <i>Drug Testing and Analysis</i> , <b>2017</b> , 9, 317-322	3.5	5
43	Doping control analysis of lithium in horse urine and plasma by inductively coupled plasma mass spectrometry. <i>Drug Testing and Analysis</i> , <b>2017</b> , 9, 1407-1411	3.5	3
42	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> , <b>2017</b> , 9, 1349-1362	3.5	2
41	Detection of anabolic and androgenic steroids and/or their esters in horse hair using ultra-high performance liquid chromatography-high resolution mass spectrometry. <i>Journal of Chromatography A</i> , <b>2017</b> , 1493, 76-86	4.5	14
40	Doping control study of AICAR in post-race urine and plasma samples from horses. <i>Drug Testing and Analysis</i> , <b>2017</b> , 9, 1363-1371	3.5	1
39	Identification of porcine relaxin in plasma by liquid chromatography-high resolution mass spectrometry. <i>Drug Testing and Analysis</i> , <b>2017</b> , 9, 1412-1420	3.5	2
38	Doping control analysis of 46 polar drugs in horse plasma and urine using a dilute-and-shootUltra high performance liquid chromatography-high resolution mass spectrometry approach. <i>Journal of Chromatography A</i> , <b>2016</b> , 1451, 41-49	4.5	17
37	Metabolic study of androsta-1,4,6-triene-3,17-dione in horses using liquid chromatography/high resolution mass spectrometry. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2015</b> , 152, 142-54	5.1	13
36	Control of the misuse of testosterone in castrated horses based on an international threshold in plasma. <i>Drug Testing and Analysis</i> , <b>2015</b> , 7, 414-9	3.5	7
35	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> , <b>2015</b> , 50, 994-1005	2.2	4
34	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. <i>Journal of Chromatography A</i> , <b>2014</b> , 1338, 92-101	4.5	7
33	Metabolic studies of 1-testosterone in horses. <i>Drug Testing and Analysis</i> , <b>2013</b> , 5, 81-8	3.5	6

32	Doping control analysis of seven bioactive peptides in horse plasma by liquid chromatography-mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , <b>2013</b> , 405, 2595-606	4.4	26
31	Identification of recombinant human relaxin-2 in equine plasma by liquid chromatography-high resolution mass spectrometry. <i>Drug Testing and Analysis</i> , <b>2013</b> , 5, 627-33	3.5	4
30	High resolution accurate mass screening of prohibited substances in equine plasma using liquid chromatography--Orbitrap mass spectrometry. <i>Drug Testing and Analysis</i> , <b>2013</b> , 5, 509-28	3.5	23
29	Metabolic studies of formestane in horses. <i>Drug Testing and Analysis</i> , <b>2013</b> , 5, 412-9	3.5	11
28	Doping control analysis of TB-500, a synthetic version of an active region of thymosin $\beta$ in equine urine and plasma by liquid chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , <b>2012</b> , 1265, 57-69	4.5	21
27	Detection of singly- and doubly-charged quaternary ammonium drugs in equine urine by liquid chromatography/tandem mass spectrometry. <i>Analytica Chimica Acta</i> , <b>2012</b> , 710, 94-101	6.6	17
26	Interconversion of ephedrine and pseudoephedrine during chemical derivatization. <i>Drug Testing and Analysis</i> , <b>2012</b> , 4, 1028-33	3.5	1
25	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> , <b>2010</b> , 1217, 3289-96	4.5	25
24	Detection and Confirmation of Ginsenosides in Horse Urine by GC/MS and LC/MS. <i>Chromatographia</i> , <b>2009</b> , 69, 923-932	2.1	7
23	Unusual observations during steroid analysis. <i>Rapid Communications in Mass Spectrometry</i> , <b>2008</b> , 22, 682-62		16
22	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> , <b>2007</b> , 1163, 237-46	4.5	15
21	Metabolic studies of turinabol in horses. <i>Analytica Chimica Acta</i> , <b>2007</b> , 586, 208-16	6.6	22
20	The structurally characterised silyl complexes, $\text{Os}(\eta\text{-S2CNMe2})(\text{SiMeCl2})(\text{CO})(\text{PPh3})_2$ and $\text{Os}(\eta\text{-S2CNMe2})(\text{SiCl3})(\text{CO})(\text{PPh3})_2$ , which have remarkably unreactive $\text{Si-Cl}$ bonds. <i>Journal of Organometallic Chemistry</i> , <b>2006</b> , 691, 2593-2598	2.3	6
19	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> , <b>2005</b> , 825, 47-56	3.2	28
18	Osmadisiloxane and osmastannasiloxane complexes derived from silanolate complexes of osmium(II). <i>Inorganica Chimica Acta</i> , <b>2005</b> , 358, 1407-1419	2.7	10
17	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 $\alpha$ -(Acyldimino)acrylates. <i>Advanced Synthesis and Catalysis</i> , <b>2005</b> , 347, 507-511	5.6	16
16	Nucleophilic substitution reactions at the $\text{Si-Cl}$ bonds of the dichloro(methyl)silyl ligand in five- and six-coordinate complexes of ruthenium(II) and osmium(II). <i>Journal of Organometallic Chemistry</i> , <b>2004</b> , 689, 2511-2522	2.3	27
15	Tethered silyl complexes from nucleophilic substitution reactions at the $\text{Si-Cl}$ bond of the chloro(diphenyl)silyl ligand in $\text{Ru}(\text{SiClPh}_2)(\eta\text{-S2CNMe2})(\text{CO})(\text{PPh3})_2$ . <i>Journal of Organometallic Chemistry</i> , <b>2004</b> , 689, 2979-2987	2.3	26

14	Studies on the rhodium- and ruthenium-catalyzed asymmetric hydrogenation of $\alpha$ -dehydroamino acids using a family of chiral dipyridylphosphine ligand (P-Phos). <i>Tetrahedron: Asymmetry</i> , <b>2003</b> , 14, 987-992	22
13	Asymmetric hydroesterification of styrene using catalysts with planar-chiral ferrocene oxazoline ligands. <i>Tetrahedron: Asymmetry</i> , <b>2003</b> , 14, 2291-2295	32
12	Enantioselective bis-alkoxycarbonylation of styrene catalyzed by novel chiral dipyridylphosphine cationic palladium(II) complexes. <i>Journal of Molecular Catalysis A</i> , <b>2003</b> , 196, 171-178	33
11	Structural and Mechanistic Studies of Halogenation of a Tin(II) N-Functionalized Alkyl. <i>Organometallics</i> , <b>2003</b> , 22, 1751-1755	3.8 19
10	Syntheses and structures of dimethylamino-bridged bis(silylene)ruthenium and -osmium complexes. <i>Journal of Organometallic Chemistry</i> , <b>2002</b> , 645, 235-245	2.3 16
9	A new chiral dipyridylphosphine ligand Xyl-P-Phos and its application in the Ru-catalyzed asymmetric hydrogenation of $\beta$ -ketoesters. <i>Tetrahedron Letters</i> , <b>2002</b> , 43, 1539-1543	2 62
8	Rhodium-catalyzed asymmetric hydrogenation with aminophosphine ligands derived from 1,1'-binaphthyl-2,2'-diamine. <i>Tetrahedron Letters</i> , <b>2002</b> , 43, 6803-6806	2 21
7	Highly enantioselective alkynylzinc addition to aromatic aldehydes catalyzed by self-assembled titanium catalysts. <i>Journal of the American Chemical Society</i> , <b>2002</b> , 124, 12636-7	16.4 145
6	Air-stable catalysts for highly efficient and enantioselective hydrogenation of aromatic ketones. <i>Journal of Organic Chemistry</i> , <b>2002</b> , 67, 7908-10	4.2 81
5	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. <i>Tetrahedron: Asymmetry</i> , <b>2001</b> , 12, 2337-2342	32
4	Structural, magnetic and catalytic properties of a self-recognized $\mu$ -oxo-bridged diiron(III) bis(benzimidazole) complex. <i>Inorganic Chemistry</i> , <b>2001</b> , 40, 4036-9	5.1 15
3	Structural trends in first-row transition-metal bis(benzimidazole) complexes. <i>Inorganic Chemistry</i> , <b>2000</b> , 39, 1076-80	5.1 9
2	Synthesis and characterization of the dimethyl-substituted bisbenzimidazole ligand and its manganese complex. <i>Inorganic Chemistry</i> , <b>2000</b> , 39, 2367-76	5.1 10
1	Synthesis and Crystal Structure of an Unprecedented Tin(II)/Tin(II) Donor-Acceptor Complex, $RN_2Sn-SnCl_2$ [ $RN = CH(SiMe_3)C_9H_6N-8$ ]. <i>Journal of the American Chemical Society</i> , <b>1997</b> , 119, 1145-1146	16.4 38