

# Hwee-Ling Koh

## List of Publications by Citations

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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.

82

papers

3,216

citations

30

h-index

55

g-index

84

ext. papers

3,497

ext. citations

3.8

avg, IF

4.93

L-index

#	Paper	IF	Citations
82	Herb-drug interactions: a literature review. <i>Drugs</i> , <b>2005</b> , 65, 1239-82	12.1	417
81	Herbal bioactivation: the good, the bad and the ugly. <i>Life Sciences</i> , <b>2004</b> , 74, 935-68	6.8	176
80	Ultra-performance liquid chromatography/time-of-flight mass spectrometry based metabolomics of raw and steamed Panax notoginseng. <i>Rapid Communications in Mass Spectrometry</i> , <b>2007</b> , 21, 519-28	2.2	153
79	Analysis of saponins in raw and steamed Panax notoginseng using high-performance liquid chromatography with diode array detection. <i>Journal of Chromatography A</i> , <b>2003</b> , 1011, 77-87	4.5	141
78	Chinese proprietary medicine in Singapore: regulatory control of toxic heavy metals and undeclared drugs. <i>Drug Safety</i> , <b>2000</b> , 23, 351-62	5.1	136
77	Protective effects of ginseng on neurological disorders. <i>Frontiers in Aging Neuroscience</i> , <b>2015</b> , 7, 129	5.3	122
76	Simultaneous determination of synthetic phosphodiesterase-5 inhibitors found in a dietary supplement and pre-mixed bulk powders for dietary supplements using high-performance liquid chromatography with diode array detection and liquid chromatography-electrospray ionization	4.5	122
75	Antiplatelet and anticoagulant effects of Panax notoginseng: comparison of raw and steamed Panax notoginseng with Panax ginseng and Panax quinquefolium. <i>Journal of Ethnopharmacology</i> , <b>2009</b> , 125, 380-6	5	108
74	Screening of synthetic PDE-5 inhibitors and their analogues as adulterants: analytical techniques and challenges. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2014</b> , 87, 176-90	3.5	105
73	High-performance liquid chromatographic method with quantitative comparisons of whole chromatograms of raw and steamed Panax notoginseng. <i>Journal of Chromatography A</i> , <b>2004</b> , 1057, 141-9	4.5	90
72	Ultra-high performance liquid chromatography/time-of-flight mass spectrometry (UHPLC/TOFMS) for time-dependent profiling of raw and steamed Panax notoginseng. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2010</b> , 52, 43-50	3.5	82
71	Pharmacists' patterns of use, knowledge, and attitudes toward complementary and alternative medicine. <i>Journal of Alternative and Complementary Medicine</i> , <b>2003</b> , 9, 51-63	2.4	82
70	Chemical fingerprinting of Isatis indigotica root by RP-HPLC and hierarchical clustering analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2005</b> , 38, 514-20	3.5	70
69	Isolation and identification of thiohomosildenafil and thiosildenafil in health supplements. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2008</b> , 47, 279-84	3.5	65
68	Effects of water-soluble Ganoderma lucidum polysaccharides on the immune functions of patients with advanced lung cancer. <i>Journal of Medicinal Food</i> , <b>2005</b> , 8, 159-68	2.8	63
67	Structural elucidation of a tadalafil analogue found as an adulterant of a herbal product. <i>Food Additives and Contaminants</i> , <b>2006</b> , 23, 446-51		60
66	Safety and quality assessment of 175 illegal sexual enhancement products seized in red-light districts in Singapore. <i>Drug Safety</i> , <b>2009</b> , 32, 1141-6	5.1	52

65	St. John's wort attenuates irinotecan-induced diarrhea via down-regulation of intestinal pro-inflammatory cytokines and inhibition of intestinal epithelial apoptosis. <i>Toxicology and Applied Pharmacology</i> , <b>2006</b> , 216, 225-37	4.6	51
64	Determination of indican, isatin, indirubin and indigotin in <i>Isatis indigotica</i> by liquid chromatography/electrospray ionization tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , <b>2007</b> , 21, 1239-46	2.2	49
63	Analysis of adulterants in a traditional herbal medicinal product using liquid chromatography-mass spectrometry-mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2003</b> , 31, 401-6	3.5	49
62	HPLC and GC-MS screening of Chinese proprietary medicine for undeclared therapeutic substances. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2001</b> , 24, 983-92	3.5	48
61	Ethnobotanical survey of usage of fresh medicinal plants in Singapore. <i>Journal of Ethnopharmacology</i> , <b>2014</b> , 155, 1450-66	5	47
60	Genetic diversity and variation of saponin contents in <i>Panax notoginseng</i> roots from a single farm. <i>Journal of Agricultural and Food Chemistry</i> , <b>2005</b> , 53, 8460-7	5.7	47
59	Adverse events associated with the use of complementary medicine and health supplements: an analysis of reports in the Singapore Pharmacovigilance database from 1998 to 2009. <i>Clinical Toxicology</i> , <b>2012</b> , 50, 481-9	2.9	46
58	Anti-proliferative effects of raw and steamed extracts of <i>Panax notoginseng</i> and its ginsenoside constituents on human liver cancer cells. <i>Chinese Medicine</i> , <b>2011</b> , 6, 4	4.7	46
57	Structural identification of a new acetildenafil analogue from pre-mixed bulk powder intended as a dietary supplement. <i>Food Additives and Contaminants</i> , <b>2006</b> , 23, 870-5		45
56	Hydrophilic interaction liquid chromatography with tandem mass spectrometry for the determination of underivatized dencichine (beta-N-oxalyl-L-alpha,beta-diaminopropionic acid) in <i>Panax</i> medicinal plant species. <i>Rapid Communications in Mass Spectrometry</i> , <b>2005</b> , 19, 1237-44	2.2	42
55	Detection of aristolochic acid I, tetrandrine and fangchinoline in medicinal plants by high performance liquid chromatography and liquid chromatography/mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2006</b> , 40, 653-61	3.5	39
54	Identification of a new sildenafil analogue in a health supplement. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2011</b> , 56, 491-6	3.5	31
53	Identification of benzamidenafil, a new class of phosphodiesterase-5 inhibitor, as an adulterant in a dietary supplement. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2008</b> , 47, 255-9	3.5	30
52	Detection of sildenafil analogues in herbal products for erectile dysfunction. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2006</b> , 69, 1951-8	3.2	30
51	Current trends in modern pharmaceutical analysis for drug discovery. <i>Drug Discovery Today</i> , <b>2003</b> , 8, 889-897		29
50	Isolation and identification of hydroxythiohomosildenafil in herbal dietary supplements sold as sexual performance enhancement products. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , <b>2009</b> , 26, 145-51	3.2	25
49	A preliminary ecotoxicity study of pharmaceuticals in the marine environment. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , <b>2006</b> , 69, 1959-70	3.2	23
48	A high performance liquid chromatography method for the simultaneous determination of arctiin, chlorogenic acid and glycyrrhizin in a Chinese proprietary medicine. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2005</b> , 39, 697-704	3.5	23

47	Oxaliplatin regulates expression of stress ligands in ovarian cancer cells and modulates their susceptibility to natural killer cell-mediated cytotoxicity. <i>International Immunology</i> , <b>2015</b> , 27, 621-32	4.9	21
46	Structural elucidation of a PDE-5 inhibitor detected as an adulterant in a health supplement. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2008</b> , 48, 1070-5	3.5	21
45	Electrospray tandem mass spectrometric investigations of tadalafil and its analogue. <i>Rapid Communications in Mass Spectrometry</i> , <b>2006</b> , 20, 3488-90	2.2	21
44	Conformational and structural features determining in vitro antimalarial activity in some indolo[3,2-c]quinolines, anilinoquinolines and tetrahydroindolo[3,2-d]benzazepines. <i>European Journal of Medicinal Chemistry</i> , <b>1994</b> , 29, 107-113	6.8	21
43	Isolation and characterization of propoxyphenyl linked sildenafil and thiosildenafil analogues in health supplements. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2012</b> , 70, 265-72	3.5	20
42	Chemical and morphological variations of Panax notoginseng and their relationship. <i>Phytochemistry</i> , <b>2013</b> , 93, 88-95	4	20
41	The analysis of heavy metals in Chinese herbal medicine by flow injection-mercury hydride system and graphite furnace atomic absorption spectrometry. <i>Phytochemical Analysis</i> , <b>2009</b> , 20, 293-7	3.4	19
40	Isolation and structural elucidation of dapoxetine as an adulterant in a health supplement used for sexual performance enhancement. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2009</b> , 50, 724-8	3.5	18
39	A Review of Botanical Characteristics, Traditional Usage, Chemical Components, Pharmacological Activities, and Safety of Pereskia bleo (Kunth) DC. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2014</b> , 2014, 326107	2.3	17
38	Medicinal plants as potential sources of lead compounds with anti-platelet and anti-coagulant activities. <i>Mini-Reviews in Medicinal Chemistry</i> , <b>2006</b> , 6, 611-24	3.2	17
37	LC and LC-MS-MS analyses of undeclared codeine in antiasthmatic Chinese proprietary medicine. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2000</b> , 22, 481-6	3.5	17
36	Hepatotoxic potential of asarones: in vitro evaluation of hepatotoxicity and quantitative determination in herbal products. <i>Frontiers in Pharmacology</i> , <b>2015</b> , 6, 25	5.6	16
35	Isolation and structural elucidation of flibanserin as an adulterant in a health supplement used for female sexual performance enhancement. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2012</b> , 57, 104-8	3.5	16
34	Quantification of ßand ßamyryn in rat plasma by gas chromatography-mass spectrometry: application to preclinical pharmacokinetic study. <i>Journal of Mass Spectrometry</i> , <b>2011</b> , 46, 457-64	2.2	16
33	Evaluation of anti-proliferative activity of medicinal plants used in Asian Traditional Medicine to treat cancer. <i>Journal of Ethnopharmacology</i> , <b>2019</b> , 235, 75-87	5	16
32	Structural elucidation of a new sildenafil analogue using high-resolution Orbitrap mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , <b>2013</b> , 27, 1380-4	2.2	15
31	Identification of Phytoconstituents in (Burm. F.) Merr. Leaves by High Performance Liquid Chromatography Micro Time-of-Flight Mass Spectrometry. <i>Molecules</i> , <b>2019</b> , 24,	4.8	15
30	Identification of active compounds from medicinal plant extracts using gas chromatography-mass spectrometry and multivariate data analysis. <i>Journal of Separation Science</i> , <b>2012</b> , 35, 53-9	3.4	14

29	A randomized, double-blind, placebo- controlled study on the anti-haemostatic effects of Curcuma longa, Angelica sinensis and Panax ginseng. <i>Phytomedicine</i> , <b>2017</b> , 32, 88-96	6.5	13
28	Isolation and structural elucidation of a new sildenafil analogue from a functional coffee. <i>Analytical and Bioanalytical Chemistry</i> , <b>2013</b> , 405, 4443-50	4.4	11
27	Biodiversity in cultivated Panax notoginseng populations. <i>Acta Pharmacologica Sinica</i> , <b>2008</b> , 29, 1137-408		11
26	Synthesis and in vitro antimalarial activity of some indolo[3,2-c]quinolines. <i>European Journal of Medicinal Chemistry</i> , <b>1992</b> , 27, 391-394	6.8	11
25	Structural elucidation of propoxyphenyl isobutyl aildenafil, adulterant in a health supplement using high-resolution Orbitrap mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2014</b> , 98, 153-9	3.5	10
24	Quantification of ginsenosides Rh4 and Rk3 in rat plasma by liquid chromatography-tandem mass spectrometry: application to a pre-clinical pharmacokinetic study. <i>Journal of Mass Spectrometry</i> , <b>2012</b> , 47, 1510-7	2.2	10
23	In vitro Antimalarial Evaluations and Cytotoxicity Investigations of Carica papaya Leaves and Carpaine. <i>Natural Product Communications</i> , <b>2019</b> , 14, 1934578X1901400	0.9	9
22	Ginsenoside Rg1 modulates medial prefrontal cortical firing and suppresses the hippocampo-medial prefrontal cortical long-term potentiation. <i>Journal of Ginseng Research</i> , <b>2018</b> , 42, 298-303	5.8	9
21	Isolation and characterization of a tadalafil analogue, N-cyclopentyl nortadalafil in health supplement. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2016</b> , 118, 235-241	3.5	8
20	Retrospective Study of Reported Adverse Events Due to Complementary Health Products in Singapore From 2010 to 2016. <i>Frontiers in Medicine</i> , <b>2018</b> , 5, 167	4.9	8
19	A Survey on Knowledge, Attitudes and Usage of Complementary and Alternative Medicine in Singapore. <i>Asia Pacific Biotech News</i> , <b>2004</b> , 08, 1266-1270	0	8
18	Validity and reliability of the Ankylosing Spondylitis Disease Activity Score with C-reactive protein (ASDAS-CRP) and Bath Ankylosing Spondylitis Disease Activity Index (BASDAI) in patients with axial spondyloarthritis (axSpA) in Singapore. <i>International Journal of Rheumatic Diseases</i> , <b>2019</b> , 22, 2206-2212	2.3	7
17	Beta-amyrin from Ardisia elliptica Thunb. is more potent than aspirin in inhibiting collagen-induced platelet aggregation. <i>Indian Journal of Experimental Biology</i> , <b>2010</b> , 48, 275-9		7
16	Biomedical Applications of Accelerator Mass Spectrometry. <i>Current Analytical Chemistry</i> , <b>2008</b> , 4, 102-110		7
15	Botanical Medicine and Natural Products Used for Erectile Dysfunction. <i>Sexual Medicine Reviews</i> , <b>2021</b> , 9, 568-592	5.6	5
14	Effects of Vitex trifolia L. leaf extracts and phytoconstituents on cytokine production in human U937 macrophages. <i>BMC Complementary Medicine and Therapies</i> , <b>2020</b> , 20, 91	2.9	4
13	Liquid chromatography ion trap/time-of-flight mass spectrometric study on the fragmentation of an acetildenafil analogue. <i>European Journal of Mass Spectrometry</i> , <b>2007</b> , 13, 233-8	1.1	4
12	Molecular geometry and physiochemical characteristics of selected anilinoquinolines, indolo[3,2-c]quinolines and tetrahydroindolo[3,2-d]benzazepines. <i>Chemical and Pharmaceutical Bulletin</i> , <b>1994</b> , 42, 1084-7	1.9	3

11	QUALITY CONTROL AND QUALITY ASSURANCE OF PHYTOMEDICINES <b>2015</b> , 18-48		2
10	Quality Control of Herbs: Principles and Procedures, Using Panax as an Example. <i>Annals of Traditional Chinese Medicine</i> , <b>2006</b> , 87-115		2
9	The Quality Control and Pharmaceutical Analysis of Nonvolatile and Volatile Bioactive Compounds in Chinese Herbal Medicine by HPLC and GC. <i>Current Pharmaceutical Analysis</i> , <b>2011</b> , 7, 133-140	0.6	1
8	Hypoglycemic Properties of Polysaccharides Extracted from <i>Ganoderma lucidum</i> in Alloxan-Induced Diabetic Rats. <i>Preventive Nutrition and Food Science</i> , <b>2004</b> , 9, 240-244	2.4	1
7	Professionalism in traditional Chinese medicine (TCM) practitioners: a qualitative study. <i>BMC Complementary Medicine and Therapies</i> , <b>2020</b> , 20, 335	2.9	1
6	Traditional Chinese medicine (TCM) collaborative care for patients with axial spondyloarthritis (AxSpA): protocol for a pragmatic randomized controlled trial. <i>Trials</i> , <b>2019</b> , 20, 46	2.8	1
5	The direct and indirect costs of axial spondyloarthritis (AxSpA) in Singapore. <i>International Journal of Rheumatic Diseases</i> , <b>2020</b> , 23, 334-341	2.3	0
4	Research on Medicinal Plants for Malaria <b>2016</b> , 49-108		0
3	Facilitators of and barriers to implementing a traditional Chinese medicine collaborative model of care for axial spondyloarthritis: a qualitative study. <i>Acupuncture in Medicine</i> , <b>2021</b> , 39, 629-636	1.9	0
2	A Randomized, Double Blind, Placebo-Controlled, Cross-over Study to Evaluate the Haemostatic Effects of Three Commonly Used Traditional Herbal Medicines, (Curcuma Longa, Angelicae Sinensis and Panax Ginseng) and Their Interactions with Aspirin. <i>Blood</i> , <b>2015</b> , 126, 2323-2323	2.2	
1	Selected Antimalarial Plants <b>2016</b> , 109-133		