

Hwee-Ling Koh

List of Publications by Year in descending order

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81
papers

3,863
citations

147726

31
h-index

123376

61
g-index

84
all docs

84
docs citations

84
times ranked

3903
citing authors

#	ARTICLE	IF	CITATIONS
1	Herb-Drug Interactions. <i>Drugs</i> , 2005, 65, 1239-1282.	4.9	520
2	Herbal bioactivation: The good, the bad and the ugly. <i>Life Sciences</i> , 2004, 74, 935-968.	2.0	207
3	Chinese Proprietary Medicine in Singapore. <i>Drug Safety</i> , 2000, 23, 351-362.	1.4	172
4	Ultra-performance liquid chromatography/time-of-flight mass spectrometry based metabolomics of raw and steamed <i>Panax notoginseng</i> . <i>Rapid Communications in Mass Spectrometry</i> , 2007, 21, 519-528.	0.7	162
5	Protective effects of ginseng on neurological disorders. <i>Frontiers in Aging Neuroscience</i> , 2015, 7, 129.	1.7	161
6	Analysis of saponins in raw and steamed <i>Panax notoginseng</i> using high-performance liquid chromatography with diode array detection. <i>Journal of Chromatography A</i> , 2003, 1011, 77-87.	1.8	147
7	Screening of synthetic PDE-5 inhibitors and their analogues as adulterants: Analytical techniques and challenges. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 87, 176-190.	1.4	131
8	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 tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2006, 1104, 113-122.	1.8	130
9	Antiplatelet and anticoagulant effects of <i>Panax notoginseng</i> : Comparison of raw and steamed <i>Panax notoginseng</i> with <i>Panax ginseng</i> and <i>Panax quinquefolium</i> . <i>Journal of Ethnopharmacology</i> , 2009, 125, 380-386.	2.0	126
10	Ultra-high performance liquid chromatography/time-of-flight mass spectrometry (UHPLC/TOFMS) for time-dependent profiling of raw and steamed <i>Panax notoginseng</i> . <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010, 52, 43-50.	1.4	102
11	Pharmacists' Patterns of Use, Knowledge, and Attitudes Toward Complementary and Alternative Medicine. <i>Journal of Alternative and Complementary Medicine</i> , 2003, 9, 51-63.	2.1	99
12	High-performance liquid chromatographic method with quantitative comparisons of whole chromatograms of raw and steamed <i>Panax notoginseng</i> . <i>Journal of Chromatography A</i> , 2004, 1057, 141-149.	1.8	96
13	Effects of Water-Soluble <i>Ganoderma lucidum</i> Polysaccharides on the Immune Functions of Patients with Advanced Lung Cancer. <i>Journal of Medicinal Food</i> , 2005, 8, 159-168.	0.8	80
14	Chemical fingerprinting of <i>Isatis indigotica</i> root by RP-HPLC and hierarchical clustering analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2005, 38, 514-520.	1.4	75
15	Isolation and identification of thiohomosildenafil and thiosildenafil in health supplements. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008, 47, 279-284.	1.4	71
16	Ethnobotanical survey of usage of fresh medicinal plants in Singapore. <i>Journal of Ethnopharmacology</i> , 2014, 155, 1450-1466.	2.0	68
17	Structural elucidation of a tadalafil analogue found as an adulterant of a herbal product. <i>Food Additives and Contaminants</i> , 2006, 23, 446-451.	2.0	65
18	Analysis of adulterants in a traditional herbal medicinal product using liquid chromatography- ⁺ mass spectrometry- ⁺ mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2003, 31, 401-406.	1.4	61

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19	Determination of indican, isatin, indirubin and indigotin in <i>Indigofera tinctoria</i> by liquid chromatography/electrospray ionization tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2007, 21, 1239-1246.	0.7	60
20	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> , 2006, 216, 225-237.	1.3	59
21	Safety and Quality Assessment of 175 Illegal Sexual Enhancement Products Seized in Red-Light Districts in Singapore. <i>Drug Safety</i> , 2009, 32, 1141-1146.	1.4	59
22	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> , 2012, 50, 481-489.	0.8	59
23	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> , 2005, 53, 8460-8467.	2.4	53
24	HPLC and GC-MS screening of Chinese proprietary medicine for undeclared therapeutic substances. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2001, 24, 983-992.	1.4	51
25	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> , 2011, 6, 4.	1.6	51
26	Hydrophilic interaction liquid chromatography with tandem mass spectrometry for the determination of underivatized dencichine (<i>1</i> ² -N-oxalyl-L- <i>1</i> ² , <i>1</i> ² -diaminopropionic acid) in <i>Panax</i> medicinal plant species. <i>Rapid Communications in Mass Spectrometry</i> , 2005, 19, 1237-1244.	0.7	49
27	Structural identification of a new acetildenafil analogue from pre-mixed bulk powder intended as a dietary supplement. <i>Food Additives and Contaminants</i> , 2006, 23, 870-875.	2.0	48
28	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> , 2006, 40, 653-661.	1.4	47
29	Current trends in modern pharmaceutical analysis for drug discovery. <i>Drug Discovery Today</i> , 2003, 8, 889-897.	3.2	34
30	Identification of a new sildenafil analogue in a health supplement. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011, 56, 491-496.	1.4	34
31	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> , 2008, 47, 255-259.	1.4	33
32	Detection of Sildenafil Analogues in Herbal Products for Erectile Dysfunction. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2006, 69, 1951-1958.	1.1	32
33	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> , 2009, 20, 293-297.	1.2	31
34	Oxaliplatin regulates expression of stress ligands in ovarian cancer cells and modulates their susceptibility to natural killer cell-mediated cytotoxicity. <i>International Immunology</i> , 2015, 27, 621-632.	1.8	30
35	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> , 2009, 26, 145-151.	1.1	28
36	Evaluation of anti-proliferative activity of medicinal plants used in Asian Traditional Medicine to treat cancer. <i>Journal of Ethnopharmacology</i> , 2019, 235, 75-87.	2.0	27

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37	Chemical and morphological variations of <i>Panax notoginseng</i> and their relationship. <i>Phytochemistry</i> , 2013, 93, 88-95.	1.4	24
38	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> , 1994, 29, 107-113.	2.6	23
39	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> , 2005, 39, 697-704.	1.4	23
40	A Preliminary Ecotoxicity Study of Pharmaceuticals in the Marine Environment. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2006, 69, 1959-1970.	1.1	23
41	Electrospray tandem mass spectrometric investigations of tadalafil and its analogue. <i>Rapid Communications in Mass Spectrometry</i> , 2006, 20, 3488-3490.	0.7	23
42	Structural elucidation of a PDE-5 inhibitor detected as an adulterant in a health supplement. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008, 48, 1070-1075.	1.4	23
43	A Review of Botanical Characteristics, Traditional Usage, Chemical Components, Pharmacological Activities, and Safety of <i>Pereskia bleo</i> (Kunth) DC. <i>Evidence-based Complementary and Alternative Medicine</i> , 2014, 2014, 1-11.	0.5	22
44	Hepatotoxic potential of asarones: in vitro evaluation of hepatotoxicity and quantitative determination in herbal products. <i>Frontiers in Pharmacology</i> , 2015, 6, 25.	1.6	22
45	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> , 2009, 50, 724-728.	1.4	21
46	Isolation and characterization of propoxyphenyl linked sildenafil and thiosildenafil analogues in health supplements. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012, 70, 265-272.	1.4	21
47	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> , 2019, 22, 2206-2212.	0.9	21
48	Identification of Phytoconstituents in <i>Leea indica</i> (Burm. F.) Merr. Leaves by High Performance Liquid Chromatography Micro Time-of-Flight Mass Spectrometry. <i>Molecules</i> , 2019, 24, 714.	1.7	21
49	Botanical Medicine and Natural Products Used for Erectile Dysfunction. <i>Sexual Medicine Reviews</i> , 2021, 9, 568-592.	1.5	21
50	Medicinal Plants as Potential Sources of Lead Compounds with Anti-Platelet and Anti-Coagulant Activ. <i>Mini-Reviews in Medicinal Chemistry</i> , 2006, 6, 611-624.	1.1	19
51	Identification of active compounds from medicinal plant extracts using gas chromatography-mass spectrometry and multivariate data analysis. <i>Journal of Separation Science</i> , 2012, 35, 53-59.	1.3	19
52	LC and LC-MS-MS analyses of undeclared codeine in antiasthmatic Chinese proprietary medicine. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2000, 22, 481-486.	1.4	18
53	Quantification of I_1 and I_2 amylin in rat plasma by gas chromatography-mass spectrometry: application to preclinical pharmacokinetic study. <i>Journal of Mass Spectrometry</i> , 2011, 46, 457-464.	0.7	18
54	A randomized, double-blind, placebo-controlled study on the anti-haemostatic effects of <i>Curcuma longa</i> , <i>Angelica sinensis</i> and <i>Panax ginseng</i> . <i>Phytomedicine</i> , 2017, 32, 88-96.	2.3	18

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55	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> , 2012, 57, 104-108.	1.4	17
56	Structural elucidation of a new sildenafil analogue using high-resolution Orbitrap mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2013, 27, 1380-1384.	0.7	16
57	Ginsenoside Rg1 modulates medial prefrontal cortical firing and suppresses the hippocampo-medial prefrontal cortical long-term potentiation. <i>Journal of Ginseng Research</i> , 2018, 42, 298-303.	3.0	16
58	<i>In vitro</i> Antimalarial Evaluations and Cytotoxicity Investigations of <i>Carica papaya</i> Leaves and Carpaine. <i>Natural Product Communications</i> , 2019, 14, 1934578X1901400.	0.2	16
59	Isolation and structural elucidation of a new sildenafil analogue from a functional coffee. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 4443-4450.	1.9	15
60	Synthesis and <i>in vitro</i> antimalarial activity of some indolo[3,2-c]quinolines. <i>European Journal of Medicinal Chemistry</i> , 1992, 27, 391-394.	2.6	14
61	Biodiversity in cultivated <i>Panax notoginseng</i> populations ¹ . <i>Acta Pharmacologica Sinica</i> , 2008, 29, 1137-1140.	2.8	14
62	Retrospective Study of Reported Adverse Events Due to Complementary Health Products in Singapore From 2010 to 2016. <i>Frontiers in Medicine</i> , 2018, 5, 167.	1.2	13
63	Effects of <i>Vitex trifolia</i> L. leaf extracts and phytoconstituents on cytokine production in human U937 macrophages. <i>BMC Complementary Medicine and Therapies</i> , 2020, 20, 91.	1.2	13
64	Structural elucidation of propoxyphenyl isobutyl sildenafil, adulterant in a health supplement using high-resolution Orbitrap mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 98, 153-159.	1.4	11
65	A Survey on Knowledge, Attitudes and Usage of Complementary and Alternative Medicine in Singapore. <i>Asia Pacific Biotech News</i> , 2004, 08, 1266-1270.	0.5	10
66	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> , 2012, 47, 1510-1517.	0.7	10
67	Beta-amyrin from <i>Ardisia elliptica</i> Thunb. is more potent than aspirin in inhibiting collagen-induced platelet aggregation. <i>Indian Journal of Experimental Biology</i> , 2010, 48, 275-9.	0.5	10
68	Isolation and characterization of a tadalafil analogue, N-cyclopentyl nortadalafil in health supplement. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 118, 235-241.	1.4	9
69	Biomedical Applications of Accelerator Mass Spectrometry. <i>Current Analytical Chemistry</i> , 2008, 4, 102-110.	0.6	7
70	Professionalism in traditional Chinese medicine (TCM) practitioners: a qualitative study. <i>BMC Complementary Medicine and Therapies</i> , 2020, 20, 335.	1.2	7
71	Molecular Geometry and Physicochemical Characteristics of Selected Anilinoquinolines, Indolo(3,2-c)quinolines and Tetrahydroindolo(3,2-d)benzazepines.. <i>Chemical and Pharmaceutical Bulletin</i> , 1994, 42, 1084-1087.	0.6	5
72	Letter: Liquid Chromatography Ion-Trap Time-of-Flight Mass Spectrometric Study on the Fragmentation of an Acetildenafil Analogue. <i>European Journal of Mass Spectrometry</i> , 2007, 13, 233-238.	0.5	5

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73	Traditional Chinese medicine (TCM) collaborative care for patients with axial spondyloarthritis (AxSpA): protocol for a pragmatic randomized controlled trial. <i>Trials</i> , 2019, 20, 46.	0.7	3
74	Quality Control of Herbs: Principles and Procedures, Using Panax as an Example. <i>Annals of Traditional Chinese Medicine</i> , 2006, , 87-115.	0.1	2
75	The direct and indirect costs of axial spondyloarthritis (axSpA) in Singapore. <i>International Journal of Rheumatic Diseases</i> , 2020, 23, 334-341.	0.9	2
76	Hypoglycemic Properties of Polysaccharides Extracted from <i>Ganoderma lucidum</i> in Alloxan-Induced Diabetic Rats. <i>Preventive Nutrition and Food Science</i> , 2004, 9, 240-244.	0.7	2
77	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> , 2011, 7, 133-140.	0.3	1
78	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> , 2021, 39, 629-636.	0.4	1
79	Development of Phosphodiesterase-“Protein-Kinase Complexes as Novel Targets for Discovery of Inhibitors with Enhanced Specificity. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5242.	1.8	1
80	Research on Medicinal Plants for Malaria. , 2016, , 49-108.		1
81	A Randomized, Double Blind, Placebo-Controlled, Cross-over Study to Evaluate the Haemostatic Effects of Three Commonly Used Traditional Herbal Medicines, (<i>Curcuma Longa</i> , <i>Angelicae Sinensis</i>) Tj ETQq1 1 0.784314 rgBT /Over	0.784314	1