

Lee Suan Chua

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

1,800
citations

25
h-index

41
g-index

88
ext. papers

2,224
ext. citations

2.9
avg, IF

5.44
L-index

#	Paper	IF	Citations
82	A review on plant-based rutin extraction methods and its pharmacological activities. <i>Journal of Ethnopharmacology</i> , 2013 , 150, 805-17	5	260
81	Antioxidant, total phenolic content and cytotoxicity evaluation of selected Malaysian plants. <i>Molecules</i> , 2011 , 16, 3433-43	4.8	95
80	Antioxidant Activity of Three Honey Samples in relation with Their Biochemical Components. <i>Journal of Analytical Methods in Chemistry</i> , 2013 , 2013, 313798	2	87
79	Flavonoids and phenolic acids from <i>Labisia pumila</i> (Kacip Fatimah). <i>Food Chemistry</i> , 2011 , 127, 1186-92	8.5	81
78	Multi-elemental composition and physical properties of honey samples from Malaysia. <i>Food Chemistry</i> , 2012 , 135, 880-7	8.5	77
77	Metabolomics - the complementary field in systems biology: a review on obesity and type 2 diabetes. <i>Molecular BioSystems</i> , 2015 , 11, 1742-74		76
76	Immobilised lipase-catalysed resolution of (R,S)-1-phenylethanol in recirculated packed bed reactor. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2004 , 28, 111-119		75
75	Review on rosmarinic acid extraction, fractionation and its anti-diabetic potential. <i>Food and Chemical Toxicology</i> , 2018 , 121, 687-700	4.7	68
74	Effect of solvent and initial water content on (R, S)-1-phenylethanol resolution. <i>Enzyme and Microbial Technology</i> , 2006 , 38, 551-556	3.8	58
73	Herbal Processing and Extraction Technologies. <i>Separation and Purification Reviews</i> , 2016 , 45, 305-320	7.3	54
72	Review on liver inflammation and antiinflammatory activity of <i>Andrographis paniculata</i> for hepatoprotection. <i>Phytotherapy Research</i> , 2014 , 28, 1589-98	6.7	49
71	Classification of entomological origin of honey based on its physicochemical and antioxidant properties. <i>International Journal of Food Properties</i> , 2017 , 20, S2723-S2738	3	48
70	Total Phenolic Contents and Colour Intensity of Malaysian honeys from the <i>Apis</i> spp. and <i>Trigona</i> spp. Bees. <i>Agriculture and Agricultural Science Procedia</i> , 2014 , 2, 150-155		46
69	Classification of Honey from Its Bee Origin via Chemical Profiles and Mineral Content. <i>Food Analytical Methods</i> , 2017 , 10, 19-30	3.4	45
68	Communal microaerophilic-aerobic biodegradation of Amaranth by novel NAR-2 bacterial consortium. <i>Bioresource Technology</i> , 2012 , 105, 48-59	11	43
67	Review on <i>Labisia pumila</i> (Kacip Fatimah): bioactive phytochemicals and skin collagen synthesis promoting herb. <i>Floterap</i> , 2012 , 83, 1322-35	3.2	42
66	Kinetic study on the hydrolysis of palm olein using immobilized lipase. <i>Biochemical Engineering Journal</i> , 2008 , 39, 516-520	4.2	42

65	Characterization of the Proteins in Honey. <i>Analytical Letters</i> , 2015 , 48, 697-709	2.2	39
64	Effect of ambient conditions on drying of herbs in solar greenhouse dryer with integrated heat pump. <i>Drying Technology</i> , 2017 , 35, 1721-1732	2.6	34
63	LC-MS/MS-based metabolites of Eurycoma longifolia (Tongkat Ali) in Malaysia (Perak and Pahang). <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011 , 879, 3909-3919	3.3	34
62	Honey protein extraction and determination by mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2013 , 405, 3063-74	4.4	29
61	Drying characteristics of Orthosiphon stamineus Benth by solar-assisted heat pump drying. <i>Drying Technology</i> , 2017 , 35, 1755-1764	2.6	28
60	Molecular identification of honey entomological origin based on bee mitochondrial 16S rRNA and COI gene sequences. <i>Food Control</i> , 2017 , 78, 150-159	6.2	27
59	Modeling of glucose regulation and insulin-signaling pathways. <i>Molecular and Cellular Endocrinology</i> , 2009 , 303, 13-24	4.4	26
58	Review on Techniques for Plant Leaf Classification and Recognition. <i>Computers</i> , 2019 , 8, 77	1.9	25
57	Pharmacological mechanisms underlying gastroprotective activities of the fractions obtained from Polygonum minus in Sprague Dawley rats. <i>International Journal of Molecular Sciences</i> , 2012 , 13, 1481-96	6.3	24
56	A comprehensive review on edible bird nests and swiftlet farming. <i>Journal of Integrative Medicine</i> , 2016 , 14, 415-428	4	21
55	Biochemical and nutritional components of selected honey samples. <i>Acta Scientiarum Polonorum, Technologia Alimentaria</i> , 2014 , 13, 169-79	1	19
54	Effect of temperature and pH on the probiotication of Punica granatum juice using Lactobacillus species. <i>Journal of Food Biochemistry</i> , 2019 , 43, e12805	3.3	15
53	Hydrolysis of virgin coconut oil using immobilized lipase in a batch reactor. <i>Enzyme Research</i> , 2012 , 2012, 542589	2.4	15
52	Life-span extension by pigmented rice bran in the model yeast <i>Saccharomyces cerevisiae</i> . <i>Scientific Reports</i> , 2019 , 9, 18061	4.9	15
51	Curcumin-Loaded Nanoemulsion for Better Cellular Permeation. <i>Scientia Pharmaceutica</i> , 2020 , 88, 44	4.3	14
50	Impacts of different drying strategies on drying characteristics, the retention of bio-active ingredient and colour changes of dried Roselle. <i>Chinese Journal of Chemical Engineering</i> , 2018 , 26, 303-316	3.2	13
49	Phytochemical profile of Orthosiphon aristatus extracts after storage: Rosmarinic acid and other caffeic acid derivatives. <i>Phytomedicine</i> , 2018 , 39, 49-55	6.5	12
48	Plant proteins, minerals and trace elements of Eurycoma longifolia (Tongkat Ali). <i>Natural Product Research</i> , 2013 , 27, 314-8	2.3	11

47	Clinacanthus nutans Lindau: Effects of drying methods on the bioactive compounds, color characteristics, and water activity. <i>Drying Technology</i> , 2018 , 36, 146-159	2.6	10
46	Nutritional and Biological Evaluation of Leaves of Mangifera indica from Mauritius. <i>Journal of Chemistry</i> , 2018 , 2018, 1-9	2.3	10
45	Modeling of oscillatory bursting activity of pancreatic beta-cells under regulated glucose stimulation. <i>Molecular and Cellular Endocrinology</i> , 2009 , 307, 57-67	4.4	9
44	Femtosecond Pulse Generation Using Microring Resonators for Eye Nano Surgery. <i>Nanoscience and Nanotechnology Letters</i> , 2014 , 6, 221-226	0.8	9
43	Kinetic profile and anti-diabetic potential of fermented Punica granatum juice using Lactobacillus casei. <i>Process Biochemistry</i> , 2020 , 92, 224-231	4.8	8
42	Untargeted MS-based small metabolite identification from the plant leaves and stems of Impatiens balsamina. <i>Plant Physiology and Biochemistry</i> , 2016 , 106, 16-22	5.4	8
41	Solvent Fractionation and Acetone Precipitation for Crude Saponins from Extract. <i>Molecules</i> , 2019 , 24,	4.8	7
40	Comparison of DNA extraction methods for entomological origin identification of honey using simple additive weighting method. <i>International Journal of Food Science and Technology</i> , 2018 , 53, 2490-2499	3.8	7
39	Nanoencapsulation of Andrographolide Rich Extract for the Inhibition of Cervical and Neuroblastoma Cancer Cells. <i>Journal of Biomedical Nanotechnology</i> , 2020 , 16, 1370-1380	4	7
38	Phytochemical Screening and Antioxidant Properties of Phyllanthus emblica from Mauritius. <i>Chemistry of Natural Compounds</i> , 2018 , 54, 50-55	0.7	6
37	Discovering potential bioactive compounds from Tualang honey. <i>Agriculture and Natural Resources</i> , 2018 , 52, 361-365	1.3	6
36	Physicochemical profile of microbial-assisted composting on empty fruit bunches of oil palm trees. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 19814-22	5.1	5
35	Effects of Solvent and pH on Stingless Bee Propolis in Ultrasound-Assisted Extraction. <i>AgriEngineering</i> , 2020 , 2, 308-316	2.2	5
34	Effects of Agitation Speed and Kinetic Studies on Probiotication of Pomegranate Juice with. <i>Molecules</i> , 2019 , 24,	4.8	5
33	Protein Extraction and Identification by Gel Electrophoresis and Mass Spectrometry from Edible bird's Nest Samples. <i>Food Analytical Methods</i> , 2017 , 10, 387-398	3.4	5
32	Process Optimization of Curcumin-Loaded Coconut Oil and Honey Nanoemulsion for Better Skin Permeation. <i>International Journal of Nanoscience</i> , 2020 , 19, 2050006	0.6	5
31	Solubility Parameter Prediction for Kacip Fatimah Herb using Group Contribution-Based Models. <i>Computer Aided Chemical Engineering</i> , 2014 , 33, 1225-1230	0.6	4
30	Reflux extraction and cleanup process by column chromatography for high yield of andrographolide enriched extract. <i>Journal of Applied Research on Medicinal and Aromatic Plants</i> , 2016 , 3, 64-70	2.6	4

29	Potential of natural bioactive C-glycosyl flavones for antidiabetic properties. <i>Studies in Natural Products Chemistry</i> , 2020 , 241-261	1.5	3
28	Prediction of C-glycosylated apigenin (vitexin) biosynthesis in <i>Ficus deltoidea</i> based on plant proteins identified by LC-MS/MS. <i>Frontiers in Biology</i> , 2017 , 12, 448-458		3
27	Comparison of Total Phenolic Content, Scavenging Activity and HPLC-ESI-MS/MS Profiles of Both Young and Mature Leaves and Stems of <i>Andrographis paniculata</i> . <i>Natural Product Communications</i> , 2013 , 8, 1934578X1300801	0.9	3
26	A fast and reliable 2D-IR spectroscopic technique for herbal leaves classification. <i>Vibrational Spectroscopy</i> , 2020 , 106, 103014	2.1	3
25	Trypsin Hydrolysed Protein Fractions as Radical Scavengers and Anti-bacterial Agents from <i>Ficus deltoidea</i> . <i>International Journal of Peptide Research and Therapeutics</i> , 2018 , 24, 279-290	2.1	3
24	Study on retention of metabolites composition in misai kucing (<i>orthosiphon stamineus</i>) by heat pump assisted solar drying. <i>Journal of Food Processing and Preservation</i> , 2017 , 41, e13262	2.1	2
23	A Fast, Sensitive and Validated Technique for Eurycomanone and Cordycepin Quantitation using UPLC-MS/MS. <i>Journal of Analytical Chemistry</i> , 2018 , 73, 167-175	1.1	2
22	Solubility Models for the Recovery of Rosmarinic Acid from <i>Orthosiphon Aristatus</i> Extract Using Solid Phase Extraction. <i>ChemEngineering</i> , 2019 , 3, 64	2.6	2
21	Recovery of Rutin from <i>Labisia pumila</i> Extract Using Solid Phase Extraction. <i>Acta Chimica Slovenica</i> , 2017 , 64, 888-894	1.9	2
20	Feasibility Study of Composting and Anaerobic Digestion Plant at Community Scale in Malaysia. <i>Waste and Biomass Valorization</i> , 2020 , 11, 5165-5173	3.2	2
19	Rationale of <i>Orthosiphon aristatus</i> for Healing Diabetic Foot Ulcer. <i>Natural Product Communications</i> , 2020 , 15, 1934578X2095330	0.9	2
18	Production of Extracellular 5-Aminolevulinic Acid by <i>Rhodospseudomonas Palustris</i> in Solid-State Fermentation 2013 , 173-179		2
17	Solvation Free Energy Simulation for Rosmarinic Acid Extraction from. <i>Methods and Protocols</i> , 2019 , 2,	2.5	1
16	Biosynthesis of Autoinducer-2 as the Possible Mechanism to Enhance Decolourisation of Azo Dye by <i>Citrobacter freundii</i> A1. <i>Journal of Biological Sciences</i> , 2012 , 12, 91-97	0.4	1
15	Metabolome analysis and chemical profiling of Indonesian royal jellies as the raw material for cosmetic and bio-supplement products. <i>Heliyon</i> , 2021 , 7, e06912	3.6	1
14	Phytochemical Profile of <i>Andrographis paniculata</i> Extract from Solvent Partition and Precipitation. <i>Journal of Biologically Active Products From Nature</i> , 2019 , 9, 238-249	0.7	0
13	Effects of microwave heating on quality attributes of pineapple juice. <i>Journal of Food Processing and Preservation</i> , 2020 , 44, e14786	2.1	0
12	In vitro Acetylcholinesterase inhibitory activity of polyphenolic compounds identified from <i>Matricaria recutita</i> . <i>Journal of Theoretical and Computational Chemistry</i> , 2020 , 19, 2050029	1.8	0

11	Drying Kinetics and Optimization of Quercetrin Extraction from <i>Melastoma malabathricum</i> Leaves. <i>Chemical Engineering and Technology</i> , 2021 , 44, 1214-1220	2	0
10	Pilot Scale Extraction of <i>Orthosiphon stamineus</i> Raw Material as Rosmarinic Acid Extract. <i>AgriEngineering</i> , 2019 , 1, 94-99	2.2	
9	Sniffer Bees as a Reliable Tool for <i>Andrographis paniculata</i> Detection. <i>Sensing and Imaging</i> , 2018 , 19, 1	1.4	
8	Column chromatography for preparing rosmarinic acid rich extract from <i>Orthosiphon aristatus</i> . <i>Journal of Liquid Chromatography and Related Technologies</i> , 2019 , 42, 546-554	1.3	
7	Phytochemical Profile of <i>Orthosiphon aristatus</i> Samples Prepared by Acetone Precipitation. <i>Natural Products Journal</i> , 2021 , 11, 532-536	0.6	
6	Metabolites Profiling of Heat Treated Whole Palm Oil Extract. <i>Journal of Applied Sciences</i> , 2011 , 11, 2376-2381	0.3	
5	Comparing the physiochemical properties of natural, synthetic and adulterated honeys. <i>Longhua Chinese Medicine</i> , 2020 , 3, 8-8	0.3	
4	LC-PDA-MS/MS-Based Characterization of Key Phytochemicals in <i>Eurycoma Longifolia</i> Roots. <i>Journal of Chromatographic Science</i> , 2021 , 59, 659-669	1.4	
3	Biochemical Characterization of <i>Orthosiphon Aristatus</i> and Evaluation of Pharmacological Activities. <i>Journal of Herbs, Spices and Medicinal Plants</i> , 1-17	0.9	
2	Plant Genomic DNA Extraction for Selected Herbs and Sequencing their Internal Transcribed Spacer Regions Amplified by Specific Primers. <i>Natural Product Communications</i> , 2016 , 11, 1934578X1601101	0.9	
1	Ultrasound assisted extraction and solvent partition for polyhydroxylated and polymethoxylated flavones and phenolic acids from <i>Orthosiphon aristatus</i> . <i>Separation Science Plus</i> , 2021 , 4, 60-67	1.1	