

# Lee Suan Chua

## 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.

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	Phytochemical Profile of <i>Orthosiphon aristatus</i> Samples Prepared by Acetone Precipitation. <i>Natural Products Journal</i> , <b>2021</b> , 11, 532-536	0.6	
81	LC-PDA-MS/MS-Based Characterization of Key Phytochemicals in <i>Eurycoma Longifolia</i> Roots. <i>Journal of Chromatographic Science</i> , <b>2021</b> , 59, 659-669	1.4	
80	Drying Kinetics and Optimization of Quercetin Extraction from <i>Melastoma malabathricum</i> Leaves. <i>Chemical Engineering and Technology</i> , <b>2021</b> , 44, 1214-1220	2	0
79	Metabolome analysis and chemical profiling of Indonesian royal jellies as the raw material for cosmetic and bio-supplement products. <i>Heliyon</i> , <b>2021</b> , 7, e06912	3.6	1
78	Ultrasound assisted extraction and solvent partition for polyhydroxylated and polymethoxylated flavones and phenolic acids from <i>Orthosiphon aristatus</i> . <i>Separation Science Plus</i> , <b>2021</b> , 4, 60-67	1.1	
77	Effects of Solvent and pH on Stingless Bee Propolis in Ultrasound-Assisted Extraction. <i>AgriEngineering</i> , <b>2020</b> , 2, 308-316	2.2	5
76	Kinetic profile and anti-diabetic potential of fermented <i>Punica granatum</i> juice using <i>Lactobacillus casei</i> . <i>Process Biochemistry</i> , <b>2020</b> , 92, 224-231	4.8	8
75	Potential of natural bioactive C-glycosyl flavones for antidiabetic properties. <i>Studies in Natural Products Chemistry</i> , <b>2020</b> , 241-261	1.5	3
74	Nanoencapsulation of Andrographolide Rich Extract for the Inhibition of Cervical and Neuroblastoma Cancer Cells. <i>Journal of Biomedical Nanotechnology</i> , <b>2020</b> , 16, 1370-1380	4	7
73	A fast and reliable 2D-IR spectroscopic technique for herbal leaves classification. <i>Vibrational Spectroscopy</i> , <b>2020</b> , 106, 103014	2.1	3
72	Feasibility Study of Composting and Anaerobic Digestion Plant at Community Scale in Malaysia. <i>Waste and Biomass Valorization</i> , <b>2020</b> , 11, 5165-5173	3.2	2
71	Curcumin-Loaded Nanoemulsion for Better Cellular Permeation. <i>Scientia Pharmaceutica</i> , <b>2020</b> , 88, 44	4.3	14
70	Effects of microwave heating on quality attributes of pineapple juice. <i>Journal of Food Processing and Preservation</i> , <b>2020</b> , 44, e14786	2.1	0
69	Comparing the physiochemical properties of natural, synthetic and adulterated honeys. <i>Longhua Chinese Medicine</i> , <b>2020</b> , 3, 8-8	0.3	
68	Process Optimization of Curcumin-Loaded Coconut Oil and Honey Nanoemulsion for Better Skin Permeation. <i>International Journal of Nanoscience</i> , <b>2020</b> , 19, 2050006	0.6	5
67	In vitro Acetylcholinesterase inhibitory activity of polyphenolic compounds identified from <i>Matricaria recutita</i> . <i>Journal of Theoretical and Computational Chemistry</i> , <b>2020</b> , 19, 2050029	1.8	0
66	Rationale of <i>Orthosiphon aristatus</i> for Healing Diabetic Foot Ulcer. <i>Natural Product Communications</i> , <b>2020</b> , 15, 1934578X2095330	0.9	2

65	Phytochemical Profile of <i>Andrographis paniculata</i> Extract from Solvent Partition and Precipitation. <i>Journal of Biologically Active Products From Nature</i> , <b>2019</b> , 9, 238-249	0.7	0
64	Solvent Fractionation and Acetone Precipitation for Crude Saponins from Extract. <i>Molecules</i> , <b>2019</b> , 24,	4.8	7
63	Pilot Scale Extraction of <i>Orthosiphon stamineus</i> Raw Material as Rosmarinic Acid Extract. <i>AgriEngineering</i> , <b>2019</b> , 1, 94-99	2.2	
62	Effect of temperature and pH on the probiotication of <i>Punica granatum</i> juice using <i>Lactobacillus</i> species. <i>Journal of Food Biochemistry</i> , <b>2019</b> , 43, e12805	3.3	15
61	Solubility Models for the Recovery of Rosmarinic Acid from <i>Orthosiphon Aristatus</i> Extract Using Solid Phase Extraction. <i>ChemEngineering</i> , <b>2019</b> , 3, 64	2.6	2
60	Effects of Agitation Speed and Kinetic Studies on Probiotication of Pomegranate Juice with. <i>Molecules</i> , <b>2019</b> , 24,	4.8	5
59	Column chromatography for preparing rosmarinic acid rich extract from <i>Orthosiphon aristatus</i> . <i>Journal of Liquid Chromatography and Related Technologies</i> , <b>2019</b> , 42, 546-554	1.3	
58	Solvation Free Energy Simulation for Rosmarinic Acid Extraction from. <i>Methods and Protocols</i> , <b>2019</b> , 2,	2.5	1
57	Review on Techniques for Plant Leaf Classification and Recognition. <i>Computers</i> , <b>2019</b> , 8, 77	1.9	25
56	Life-span extension by pigmented rice bran in the model yeast <i>Saccharomyces cerevisiae</i> . <i>Scientific Reports</i> , <b>2019</b> , 9, 18061	4.9	15
55	Phytochemical Screening and Antioxidant Properties of <i>Phyllanthus emblica</i> from Mauritius. <i>Chemistry of Natural Compounds</i> , <b>2018</b> , 54, 50-55	0.7	6
54	Phytochemical profile of <i>Orthosiphon aristatus</i> extracts after storage: Rosmarinic acid and other caffeic acid derivatives. <i>Phytomedicine</i> , <b>2018</b> , 39, 49-55	6.5	12
53	Sniffer Bees as a Reliable Tool for <i>Andrographis paniculata</i> Detection. <i>Sensing and Imaging</i> , <b>2018</b> , 19, 1	1.4	
52	A Fast, Sensitive and Validated Technique for Eurycomanone and Cordycepin Quantitation using UPLC-MS/MS. <i>Journal of Analytical Chemistry</i> , <b>2018</b> , 73, 167-175	1.1	2
51	<i>Clinacanthus nutans</i> Lindau: Effects of drying methods on the bioactive compounds, color characteristics, and water activity. <i>Drying Technology</i> , <b>2018</b> , 36, 146-159	2.6	10
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> , <b>2018</b> , 26, 303-316	3.2	13
49	Nutritional and Biological Evaluation of Leaves of <i>Mangifera indica</i> from Mauritius. <i>Journal of Chemistry</i> , <b>2018</b> , 2018, 1-9	2.3	10
48	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> , <b>2018</b> , 53, 2490-2499	3.8	7

47	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> , <b>2018</b> , 24, 279-290	2.1	3
46	Discovering potential bioactive compounds from Tualang honey. <i>Agriculture and Natural Resources</i> , <b>2018</b> , 52, 361-365	1.3	6
45	Review on rosmarinic acid extraction, fractionation and its anti-diabetic potential. <i>Food and Chemical Toxicology</i> , <b>2018</b> , 121, 687-700	4.7	68
44	Classification of Honey from Its Bee Origin via Chemical Profiles and Mineral Content. <i>Food Analytical Methods</i> , <b>2017</b> , 10, 19-30	3.4	45
43	Molecular identification of honey entomological origin based on bee mitochondrial 16S rRNA and COI gene sequences. <i>Food Control</i> , <b>2017</b> , 78, 150-159	6.2	27
42	Effect of ambient conditions on drying of herbs in solar greenhouse dryer with integrated heat pump. <i>Drying Technology</i> , <b>2017</b> , 35, 1721-1732	2.6	34
41	Drying characteristics of <i>Orthosiphon stamineus</i> Benth by solar-assisted heat pump drying. <i>Drying Technology</i> , <b>2017</b> , 35, 1755-1764	2.6	28
40	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> , <b>2017</b> , 41, e13262	2.1	2
39	Classification of entomological origin of honey based on its physicochemical and antioxidant properties. <i>International Journal of Food Properties</i> , <b>2017</b> , 20, S2723-S2738	3	48
38	Protein Extraction and Identification by Gel Electrophoresis and Mass Spectrometry from Edible bird's Nest Samples. <i>Food Analytical Methods</i> , <b>2017</b> , 10, 387-398	3.4	5
37	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> , <b>2017</b> , 12, 448-458		3
36	Recovery of Rutin from <i>Labisia pumila</i> Extract Using Solid Phase Extraction. <i>Acta Chimica Slovenica</i> , <b>2017</b> , 64, 888-894	1.9	2
35	Untargeted MS-based small metabolite identification from the plant leaves and stems of <i>Impatiens balsamina</i> . <i>Plant Physiology and Biochemistry</i> , <b>2016</b> , 106, 16-22	5.4	8
34	Herbal Processing and Extraction Technologies. <i>Separation and Purification Reviews</i> , <b>2016</b> , 45, 305-320	7.3	54
33	Plant Genomic DNA Extraction for Selected Herbs and Sequencing their Internal Transcribed Spacer Regions Amplified by Specific Primers. <i>Natural Product Communications</i> , <b>2016</b> , 11, 1934578X1601101	0.9	
32	A comprehensive review on edible bird nests and swiftlet farming. <i>Journal of Integrative Medicine</i> , <b>2016</b> , 14, 415-428	4	21
31	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> , <b>2016</b> , 3, 64-70	2.6	4
30	Metabolomics - the complementary field in systems biology: a review on obesity and type 2 diabetes. <i>Molecular BioSystems</i> , <b>2015</b> , 11, 1742-74		76

29	Physicochemical profile of microbial-assisted composting on empty fruit bunches of oil palm trees. <i>Environmental Science and Pollution Research</i> , <b>2015</b> , 22, 19814-22	5.1	5
28	Characterization of the Proteins in Honey. <i>Analytical Letters</i> , <b>2015</b> , 48, 697-709	2.2	39
27	Review on liver inflammation and antiinflammatory activity of <i>Andrographis paniculata</i> for hepatoprotection. <i>Phytotherapy Research</i> , <b>2014</b> , 28, 1589-98	6.7	49
26	Solubility Parameter Prediction for Kacip Fatimah Herb using Group Contribution-Based Models. <i>Computer Aided Chemical Engineering</i> , <b>2014</b> , 33, 1225-1230	0.6	4
25	Total Phenolic Contents and Colour Intensity of Malaysian Honey from the <i>Apis</i> spp. and <i>Trigona</i> spp. Bees. <i>Agriculture and Agricultural Science Procedia</i> , <b>2014</b> , 2, 150-155		46
24	Femtosecond Pulse Generation Using Microring Resonators for Eye Nano Surgery. <i>Nanoscience and Nanotechnology Letters</i> , <b>2014</b> , 6, 221-226	0.8	9
23	Biochemical and nutritional components of selected honey samples. <i>Acta Scientiarum Polonorum, Technologia Alimentaria</i> , <b>2014</b> , 13, 169-79	1	19
22	Honey protein extraction and determination by mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , <b>2013</b> , 405, 3063-74	4.4	29
21	A review on plant-based rutin extraction methods and its pharmacological activities. <i>Journal of Ethnopharmacology</i> , <b>2013</b> , 150, 805-17	5	260
20	Plant proteins, minerals and trace elements of <i>Eurycoma longifolia</i> (Tongkat Ali). <i>Natural Product Research</i> , <b>2013</b> , 27, 314-8	2.3	11
19	Antioxidant Activity of Three Honey Samples in relation with Their Biochemical Components. <i>Journal of Analytical Methods in Chemistry</i> , <b>2013</b> , 2013, 313798	2	87
18	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> , <b>2013</b> , 8, 1934578X1300801	0.9	3
17	Production of Extracellular 5-Aminolevulinic Acid by <i>Rhodospseudomonas Palustris</i> in Solid-State Fermentation <b>2013</b> , 173-179		2
16	Communal microaerophilic-aerobic biodegradation of Amaranth by novel NAR-2 bacterial consortium. <i>Bioresource Technology</i> , <b>2012</b> , 105, 48-59	11	43
15	Review on <i>Labisia pumila</i> (Kacip Fatimah): bioactive phytochemicals and skin collagen synthesis promoting herb. <i>Phytotherapy Research</i> , <b>2012</b> , 83, 1322-35	3.2	42
14	Multi-elemental composition and physical properties of honey samples from Malaysia. <i>Food Chemistry</i> , <b>2012</b> , 135, 880-7	8.5	77
13	Pharmacological mechanisms underlying gastroprotective activities of the fractions obtained from <i>Polygonum minus</i> in Sprague Dawley rats. <i>International Journal of Molecular Sciences</i> , <b>2012</b> , 13, 1481-96	6.3	24
12	Hydrolysis of virgin coconut oil using immobilized lipase in a batch reactor. <i>Enzyme Research</i> , <b>2012</b> , 2012, 542589	2.4	15

11	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> , <b>2012</b> , 12, 91-97	0.4	1
10	LC-MS/MS-based metabolites of <i>Eurycoma longifolia</i> (Tongkat Ali) in Malaysia (Perak and Pahang). <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2011</b> , 879, 3909-3919	3.7	34
9	Antioxidant, total phenolic content and cytotoxicity evaluation of selected Malaysian plants. <i>Molecules</i> , <b>2011</b> , 16, 3433-43	4.8	95
8	Flavonoids and phenolic acids from <i>Labisia pumila</i> (Kacip Fatimah). <i>Food Chemistry</i> , <b>2011</b> , 127, 1186-92	8.5	81
7	Metabolites Profiling of Heat Treated Whole Palm Oil Extract. <i>Journal of Applied Sciences</i> , <b>2011</b> , 11, 2376-2381	6.5	38
6	Modeling of glucose regulation and insulin-signaling pathways. <i>Molecular and Cellular Endocrinology</i> , <b>2009</b> , 303, 13-24	4.4	26
5	Modeling of oscillatory bursting activity of pancreatic beta-cells under regulated glucose stimulation. <i>Molecular and Cellular Endocrinology</i> , <b>2009</b> , 307, 57-67	4.4	9
4	Kinetic study on the hydrolysis of palm olein using immobilized lipase. <i>Biochemical Engineering Journal</i> , <b>2008</b> , 39, 516-520	4.2	42
3	Effect of solvent and initial water content on (R, S)-1-phenylethanol resolution. <i>Enzyme and Microbial Technology</i> , <b>2006</b> , 38, 551-556	3.8	58
2	Immobilised lipase-catalysed resolution of (R,S)-1-phenylethanol in recirculated packed bed reactor. <i>Journal of Molecular Catalysis B: Enzymatic</i> , <b>2004</b> , 28, 111-119		75
1	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	