

# Lee Yong Lim

## List of Publications by Year in descending order

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110  
papers

8,708  
citations

57758

44  
h-index

43889

91  
g-index

110  
all docs

110  
docs citations

110  
times ranked

10713  
citing authors

#	ARTICLE	IF	CITATIONS
1	Critical material designs for mucus- and mucosa-penetrating oral insulin nanoparticle development. <i>International Materials Reviews</i> , 2023, 68, 121-139.	19.3	11
2	Prescribing in a pediatric hospital setting – “Lost in translation?”. <i>Patient Education and Counseling</i> , 2022, 105, 1614-1619.	2.2	1
3	A randomised controlled trial of a novel tramadol chewable tablet: pharmacokinetics and tolerability in children. <i>Anaesthesia</i> , 2022, , .	3.8	1
4	An investigation of the suitability of melissopalynology to authenticate Jarrah honey. <i>Current Research in Food Science</i> , 2022, 5, 506-514.	5.8	9
5	Australian Honey-pot Ant ( <i>Camponotus inflatus</i> ) Honey – A Comprehensive Analysis of the Physicochemical Characteristics, Bioactivity, and HPTLC Profile of a Traditional Indigenous Australian Food. <i>Molecules</i> , 2022, 27, 2154.	3.8	1
6	A Comprehensive Survey of Phenolic Constituents Reported in Monofloral Honeys around the Globe. <i>Foods</i> , 2022, 11, 1152.	4.3	13
7	Effects of Formulation on the Palatability and Efficacy of In-Feed Praziquantel Medications for Marine Finfish Aquaculture. <i>Marine Drugs</i> , 2022, 20, 323.	4.6	1
8	A Review of the Phytochemistry and Bioactivity of Clover Honeys ( <i>Trifolium</i> spp.). <i>Foods</i> , 2022, 11, 1901.	4.3	8
9	Antioxidant HPTLC-DPPH Fingerprinting of Honeys and Tracking of Antioxidant Constituents upon Thermal Exposure. <i>Foods</i> , 2021, 10, 357.	4.3	12
10	Prior administration of chocolate improves the palatability of bitter drugs: The ChocEwithMed study. <i>Journal of Paediatrics and Child Health</i> , 2021, 57, 1267-1273.	0.8	5
11	Honey-Based Medicinal Formulations: A Critical Review. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 5159.	2.5	28
12	Development and validation of a high-performance thin-layer chromatography assay for the analysis of tacrolimus ointments. <i>Journal of Planar Chromatography - Modern TLC</i> , 2021, 34, 189-195.	1.2	1
13	Optimisation of Bee Pollen Extraction to Maximise Extractable Antioxidant Constituents. <i>Antioxidants</i> , 2021, 10, 1113.	5.1	20
14	Development of an HPTLC-based dynamic reference standard for the analysis of complex natural products using Jarrah honey as test sample. <i>PLoS ONE</i> , 2021, 16, e0254857.	2.5	8
15	Storage stability of chocolate-based CDS formulations of midazolam and tramadol as whole tablets, quarter sized tablets and as reconstituted aqueous liquids. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 64, 102574.	3.0	3
16	Detection of syrup adulterants in manuka and jarrah honey using HPTLC-multivariate data analysis. <i>PeerJ</i> , 2021, 9, e12186.	2.0	4
17	Stabilisation of Recombinant Human Basic Fibroblast Growth Factor (FGF-2) against Stressors Encountered in Medicinal Product Processing and Evaluation. <i>Pharmaceutics</i> , 2021, 13, 1762.	4.5	8
18	HPLC-UV assay of tramadol and O-desmethyltramadol in human plasma containing other drugs potentially co-administered to participants in a paediatric population pharmacokinetic study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1184, 122971.	2.3	8

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19	Parentsâ€™ perspectives towards paediatric confectionary masked medications: a qualitative study. <i>International Journal of Clinical Pharmacy</i> , 2021, , 1.	2.1	2
20	A validated method for the quantitative determination of sugars in honey using high-performance thin-layer chromatography. <i>Journal of Planar Chromatography - Modern TLC</i> , 2020, 33, 489-499.	1.2	16
21	Sugar Profiling of Honeys for Authentication and Detection of Adulterants Using High-Performance Thin Layer Chromatography. <i>Molecules</i> , 2020, 25, 5289.	3.8	28
22	Fibroblast Growth Factor 2â€™A Review of Stabilisation Approaches for Clinical Applications. <i>Pharmaceutics</i> , 2020, 12, 508.	4.5	56
23	Development and validation of an HPTLCâ€™DPPH assay and its application to the analysis of honey. <i>Journal of Planar Chromatography - Modern TLC</i> , 2020, 33, 301-311.	1.2	15
24	Metal ion-responsive nanocarrier derived from phosphonated calix[4]arenes for delivering dauricine specifically to sites of brain injury in a mouse model of intracerebral hemorrhage. <i>Journal of Nanobiotechnology</i> , 2020, 18, 61.	9.1	19
25	Targeting strategies for drug delivery to the kidney: From renal glomeruli to tubules. <i>Medicinal Research Reviews</i> , 2019, 39, 561-578.	10.5	63
26	Dual-responsive, Methotrexate-loaded, Ascorbic acid-derived Micelles Exert Anti-tumor and Anti-metastatic Effects by Inhibiting NF-Î’B Signaling in an Orthotopic Mouse Model of Human Choriocarcinoma. <i>Theranostics</i> , 2019, 9, 4354-4374.	10.0	17
27	Taste evaluation of a novel midazolam tablet for pediatric patients: In vitro drug dissolution, in vivo animal taste aversion and clinical taste perception profiles. <i>International Journal of Pharmaceutics</i> , 2018, 535, 194-200.	5.2	18
28	A novel, palatable paediatric oral formulation of midazolam: pharmacokinetics, tolerability, efficacy and safety. <i>Anaesthesia</i> , 2018, 73, 1469-1477.	3.8	21
29	Alginateâ€™C18 Conjugate Nanoparticles Loaded in Tripolyphosphate-Cross-Linked Chitosanâ€™Oleic Acid Conjugate-Coated Calcium Alginate Beads as Oral Insulin Carrier. <i>Molecular Pharmaceutics</i> , 2018, 15, 3369-3382.	4.6	40
30	Accuracy of tablet splitting and liquid measurements: an examination of who, what and how. <i>Journal of Pharmacy and Pharmacology</i> , 2017, 69, 603-612.	2.4	29
31	Curcumin, Piperine, and Capsaicin: A Comparative Study of Spice-Mediated Inhibition of Human Cytochrome P450 Isozyme Activities. <i>Drug Metabolism and Disposition</i> , 2017, 45, 49-55.	3.3	42
32	Multifunctional nanoparticles for co-delivery of paclitaxel and carboplatin against ovarian cancer by inactivating the JMJD3-HER2 axis. <i>Nanoscale</i> , 2017, 9, 13142-13152.	5.6	46
33	Renal-targeted delivery of triptolide by entrapment in pegylated TRX-20-modified liposomes. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 5673-5686.	6.7	28
34	Nanomedicine-Mediated Therapies to Target Breast Cancer Stem Cells. <i>Frontiers in Pharmacology</i> , 2016, 7, 313.	3.5	64
35	Doseâ€™Dependent Therapeutic Distinction between Active and Passive Targeting Revealed Using Transferrinâ€™Coated PGMA Nanoparticles. <i>Small</i> , 2016, 12, 351-359.	10.0	51
36	Colloidal Polymeric Platform for Facile Click-Assisted Ligand Functionalization and Receptor Targeting. <i>ACS Omega</i> , 2016, 1, 1114-1120.	3.5	4

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37	Paclitaxel-loaded phosphonated calixarene nanovesicles as a modular drug delivery platform. <i>Scientific Reports</i> , 2016, 6, 23489.	3.3	52
38	Shear induced carboplatin binding within the cavity of a phospholipid mimic for increased anticancer efficacy. <i>Scientific Reports</i> , 2015, 5, 10414.	3.3	30
39	Renal targeted delivery of triptolide by conjugation to the fragment peptide of human serum albumin. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015, 94, 363-371.	4.3	34
40	Characterization and biological properties of NanoCUR formulation and its effect on major human cytochrome P450 enzymes. <i>International Journal of Pharmaceutics</i> , 2015, 495, 194-203.	5.2	10
41	Development and validation of a LC/TOF MS method for the determination of carboplatin and paclitaxel in nanovesicles. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 2659-2667.	3.7	19
42	l-Carnitine ester of prednisolone: Pharmacokinetic and pharmacodynamic evaluation of a type I prodrug. <i>International Journal of Pharmaceutics</i> , 2014, 475, 123-129.	5.2	16
43	Application of multiple stepwise spinning disk processing for the synthesis of poly(methyl acrylates) coated chitosan diclofenac sodium nanoparticles for colonic drug delivery. <i>European Journal of Pharmaceutical Sciences</i> , 2013, 50, 303-311.	4.0	31
44	RNA aptamers targeting cancer stem cell marker CD133. <i>Cancer Letters</i> , 2013, 330, 84-95.	7.2	157
45	Preparation and physicochemical characterization of a novel paclitaxel-loaded amphiphilic aminocalixarene nanoparticle platform for anticancer chemotherapy. <i>Journal of Pharmacy and Pharmacology</i> , 2012, 64, 1403-1411.	2.4	22
46	Cytotoxicity of monodispersed chitosan nanoparticles against the Caco-2 cells. <i>Toxicology and Applied Pharmacology</i> , 2012, 262, 273-282.	2.8	58
47	Chitin-Methacrylate: Preparation, Characterization and Hydrogel Formation. <i>Materials</i> , 2011, 4, 1728-1746.	2.9	28
48	Design, synthesis, characterization and in-vivo activity of a novel salmon calcitonin conjugate containing a novel PEG-lipid moiety. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 62, 296-304.	2.4	6
49	Application of Plant Viruses as Nano Drug Delivery Systems. <i>Pharmaceutical Research</i> , 2010, 27, 2509-2513.	3.5	36
50	Uptake and cytotoxicity of chitosan nanoparticles in human liver cells. <i>Toxicology and Applied Pharmacology</i> , 2010, 249, 148-157.	2.8	122
51	Spinning Disc Processing Technology: Potential for Large-Scale Manufacture of Chitosan Nanoparticles. <i>Journal of Pharmaceutical Sciences</i> , 2010, 99, 4326-4336.	3.3	31
52	Wheat germ agglutinin-conjugated PLGA nanoparticles for enhanced intracellular delivery of paclitaxel to colon cancer cells. <i>International Journal of Pharmaceutics</i> , 2010, 400, 201-210.	5.2	72
53	Lipecto-sCT: A novel reversible lipidized salmon calcitonin derivative, its biophysical properties and hypocalcemic activity. <i>European Journal of Pharmaceutical Sciences</i> , 2009, 37, 151-159.	4.0	11
54	Synthesis, Characterization and In Vivo Activity of Salmon Calcitonin Coconjugated With Lipid and Polyethylene Glycol. <i>Journal of Pharmaceutical Sciences</i> , 2009, 98, 1438-1451.	3.3	11

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55	Dietary regulation of P-gp function and expression. Expert Opinion on Drug Metabolism and Toxicology, 2009, 5, 789-801.	3.3	43
56	In vitro and in vivo evaluation of the effects of piperine on P-gp function and expression. Toxicology and Applied Pharmacology, 2008, 230, 283-289.	2.8	94
57	Comparison of Reversible and Nonreversible Aqueous-Soluble Lipidized Conjugates of Salmon Calcitonin. Molecular Pharmaceutics, 2008, 5, 610-621.	4.6	11
58	Effects of Spice Constituents on P-Glycoprotein-Mediated Transport and CYP3A4-Mediated Metabolism in Vitro. Drug Metabolism and Disposition, 2008, 36, 1283-1290.	3.3	82
59	Impact of Curcumin-Induced Changes in P-Glycoprotein and CYP3A Expression on the Pharmacokinetics of Peroral Celiprolol and Midazolam in Rats. Drug Metabolism and Disposition, 2007, 35, 110-115.	3.3	121
60	Folic Acid-Conjugated Protein Cages of a Plant Virus: A Novel Delivery Platform for Doxorubicin. Bioconjugate Chemistry, 2007, 18, 836-843.	3.6	192
61	Effects of citrus fruit juices on cytotoxicity and drug transport pathways of Caco-2 cell monolayers. International Journal of Pharmaceutics, 2006, 307, 42-50.	5.2	33
62	In vitro-reassembled plant virus-like particles for loading of polyacids. Journal of General Virology, 2006, 87, 2749-2754.	2.9	67
63	Aqueous-Soluble, Non-Reversible Lipid Conjugate of Salmon Calcitonin: Synthesis, Characterization and In Vivo Activity. Pharmaceutical Research, 2006, 24, 99-110.	3.5	31
64	Effects of capsaicin on P-gp function and expression in Caco-2 cells. Biochemical Pharmacology, 2006, 71, 1727-1734.	4.4	42
65	Pharmacological activity of peroral chitosan-insulin nanoparticles in diabetic rats. International Journal of Pharmaceutics, 2005, 293, 271-280.	5.2	211
66	Preparation and in vitro anticancer activity of wheat germ agglutinin (WGA)-conjugated PLGA nanoparticles loaded with paclitaxel and isopropyl myristate. Journal of Controlled Release, 2005, 107, 30-42.	9.9	113
67	Transfection efficiency of chitosan vectors: Effect of polymer molecular weight and degree of deacetylation. Journal of Controlled Release, 2005, 106, 391-406.	9.9	318
68	Paclitaxel-loaded PLGA nanoparticles: Potentiation of anticancer activity by surface conjugation with wheat germ agglutinin. Journal of Controlled Release, 2005, 108, 244-262.	9.9	136
69	Effect of Chitosan Salts and Molecular Weight on a Nanoparticulate Carrier for Therapeutic Protein. Pharmaceutical Development and Technology, 2005, 10, 189-196.	2.4	53
70	Effect of Chitosan Salts and Molecular Weight on a Nanoparticulate Carrier for Therapeutic Protein. Pharmaceutical Development and Technology, 2005, 10, 189-196.	2.4	6
71	Therapeutic Drugs that Behave as Mechanism-Based Inhibitors of Cytochrome P450 3A4. Current Drug Metabolism, 2004, 5, 415-442.	1.2	156
72	Characterization of chitosan acetate as a binder for sustained release tablets. Journal of Controlled Release, 2004, 99, 15-26.	9.9	137

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73	Uptake and Cytotoxicity of Chitosan Molecules and Nanoparticles: Effects of Molecular Weight and Degree of Deacetylation. <i>Pharmaceutical Research</i> , 2004, 21, 344-353.	3.5	697
74	Hydroxyapatite-chitin materials as potential tissue engineered bone substitutes. <i>Biomaterials</i> , 2004, 25, 1049-1058.	11.4	141
75	Mechanistic study of the uptake of wheat germ agglutinin-conjugated PLGA nanoparticles by A549 cells. <i>Journal of Pharmaceutical Sciences</i> , 2004, 93, 20-28.	3.3	77
76	Flexible chitin films: structural studies. <i>Carbohydrate Research</i> , 2004, 339, 2701-2711.	2.3	55
77	Insulin-Loaded Calcium Pectinate Nanoparticles: Effects of Pectin Molecular Weight and Formulation pH. <i>Drug Development and Industrial Pharmacy</i> , 2004, 30, 359-367.	2.0	65
78	Herbal Modulation of Glycoprotein. <i>Drug Metabolism Reviews</i> , 2004, 36, 57-104.	3.6	355
79	Uptake of Chitosan and Associated Insulin in Caco-2 Cell Monolayers: A Comparison Between Chitosan Molecules and Chitosan Nanoparticles. <i>Pharmaceutical Research</i> , 2003, 20, 1812-1819.	3.5	233
80	Modulation of digoxin transport across Caco-2 cell monolayers by citrus fruit juices: lime, lemon, grapefruit, and pummelo. <i>Pharmaceutical Research</i> , 2003, 20, 169-176.	3.5	42
81	Flexible chitin films as potential wound-dressing materials: Wound model studies. <i>Journal of Biomedical Materials Research Part B</i> , 2003, 66A, 224-232.	3.1	127
82	Implantable applications of chitin and chitosan. <i>Biomaterials</i> , 2003, 24, 2339-2349.	11.4	1,474
83	Ultrasonication of chitosan and chitosan nanoparticles. <i>International Journal of Pharmaceutics</i> , 2003, 265, 103-114.	5.2	185
84	Formulation pH modulates the interaction of insulin with chitosan nanoparticles. <i>Journal of Pharmaceutical Sciences</i> , 2002, 91, 1396-1404.	3.3	165
85	Chitosan-alginate PEC membrane as a wound dressing: Assessment of incisional wound healing. <i>Journal of Biomedical Materials Research Part B</i> , 2002, 63, 610-618.	3.1	266
86	Uptake of FITC-chitosan nanoparticles by A549 cells. <i>Pharmaceutical Research</i> , 2002, 19, 1488-1494.	3.5	353
87	Chitosan-alginate-CaCl <sub>2</sub> system for membrane coat application. <i>Journal of Pharmaceutical Sciences</i> , 2001, 90, 1134-1142.	3.3	95
88	Preparation and characterization of chitin beads as a wound dressing precursor. <i>Journal of Biomedical Materials Research Part B</i> , 2001, 54, 59-68.	3.1	67
89	Chitosan-alginate films prepared with chitosans of different molecular weights. <i>Journal of Biomedical Materials Research Part B</i> , 2001, 58, 358-365.	3.1	155
90	Concurrent production of chitin from shrimp shells and fungi. <i>Carbohydrate Research</i> , 2001, 332, 305-316.	2.3	193

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91	PEC Films Prepared from Chitosan-Alginate Coacervates.. Chemical and Pharmaceutical Bulletin, 2000, 48, 941-946.	1.3	71
92	Caffeine and nicotinamide enhances the aqueous solubility of the antimalarial agent halofantrine. European Journal of Pharmaceutical Sciences, 2000, 10, 17-28.	4.0	48
93	Pharmacistâ€operated drug information centres in Singapore. Journal of Clinical Pharmacy and Therapeutics, 1999, 24, 33-42.	1.5	8
94	Effects of dry heat and saturated steam on the physical properties of chitosan. , 1999, 48, 111-116.		85
95	Storage of partially deacetylated chitosan films. , 1999, 48, 881-888.		36
96	The Antimalarial Agent Halofantrine Perturbs Phosphatidylcholine and Phosphatidylethanolamine Bilayers: a Differential Scanning Calorimetric Study.. Chemical and Pharmaceutical Bulletin, 1999, 47, 732-737.	1.3	6
97	? Irradiation of chitosan. , 1998, 43, 282-290.		95
98	Stability of cefazolin sodium eye drops. Journal of Clinical Pharmacy and Therapeutics, 1998, 23, 41-47.	1.5	13
99	Effect of magnesium stearate on chitosan microspheres prepared by an emulsification-coacervation technique. Journal of Microencapsulation, 1998, 15, 319-333.	2.8	26
100	Propranolol Hydrochloride Binding in Calcium Alginate Beads. Drug Development and Industrial Pharmacy, 1997, 23, 973-980.	2.0	26
101	Chitosan Microspheres Prepared by Emulsification and Ionotropic Gelation. Drug Development and Industrial Pharmacy, 1997, 23, 981-985.	2.0	69
102	Stability of phenoxybenzamine hydrochloride in various vehicles. American Journal of Health-System Pharmacy, 1997, 54, 2073-2078.	1.0	2
103	Stability of admixtures of pethidine and metoclopramide in aqueous solution, 5% dextrose and 0.9% sodium chloride. Journal of Clinical Pharmacy and Therapeutics, 1997, 22, 339-345.	1.5	2
104	Stability of morphine sulphate in saline under simulated patient administration conditions. Journal of Clinical Pharmacy and Therapeutics, 1997, 22, 405-410.	1.5	5
105	A Differential Scanning Calorimetry Study of the Interaction of the Antimalarial Agent Halofanthrine with Dipalmitoyl Phosphatidyl Choline Bilayers.. Chemical and Pharmaceutical Bulletin, 1995, 43, 2226-2231.	1.3	15
106	Combined Effects of Heat Treatment and Plasticizers on Polyvinyl Alcohol Films. Drug Development and Industrial Pharmacy, 1995, 21, 369-373.	2.0	8
107	Heat Treatment of Chitosan Films. Drug Development and Industrial Pharmacy, 1995, 21, 839-846.	2.0	56
108	The Effect of Plasticizers on the Properties of Polyvinyl Alcohol Films. Drug Development and Industrial Pharmacy, 1994, 20, 1007-1020.	2.0	48

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109	Drug release from heat-treated polyvinyl alcohol films. Drug Development and Industrial Pharmacy, 1992, 18, 1895-1906.	2.0	25
110	THE ANTICHOLINESTERASE ACTIVITY OF MEFLOQUINE. Clinical and Experimental Pharmacology and Physiology, 1985, 12, 527-531.	1.9	26