

# Sui Yung Chan

## List of Publications by Citations

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72  
papers

2,400  
citations

26  
h-index

47  
g-index

72  
ext. papers

2,625  
ext. citations

4.9  
avg, IF

4.77  
L-index

#	Paper	IF	Citations
72	Mechanism-based inhibition of cytochrome P450 3A4 by therapeutic drugs. <i>Clinical Pharmacokinetics</i> , <b>2005</b> , 44, 279-304	6.2	349
71	Novel thin-film composite nanofiltration hollow fiber membranes with double repulsion for effective removal of emerging organic matters from water. <i>Journal of Membrane Science</i> , <b>2012</b> , 401-402, 152-162	9.6	182
70	The ionic liquid [EMIM]OAc as a solvent to fabricate stable polybenzimidazole membranes for organic solvent nanofiltration. <i>Green Chemistry</i> , <b>2014</b> , 16, 1383-1392	10	123
69	Novel nanofiltration membranes consisting of a sulfonated pentablock copolymer rejection layer for heavy metal removal. <i>Environmental Science &amp; Technology</i> , <b>2014</b> , 48, 13880-7	10.3	110
68	Nanosized ethosomes bearing ketoprofen for improved transdermal delivery. <i>Results in Pharma Sciences</i> , <b>2011</b> , 1, 60-7		83
67	Limonene GP1/PG organogel as a vehicle in transdermal delivery of haloperidol. <i>International Journal of Pharmaceutics</i> , <b>2006</b> , 311, 157-64	6.5	82
66	Novel vitamin and gold-loaded nanofiber facial mask for topical delivery. <i>AAPS PharmSciTech</i> , <b>2010</b> , 11, 1164-70	3.9	81
65	Monitoring of immune responses to a herbal immuno-modulator in patients with advanced colorectal cancer. <i>International Immunopharmacology</i> , <b>2006</b> , 6, 499-508	5.8	77
64	Topotecan is a substrate for multidrug resistance associated protein 4. <i>Current Drug Metabolism</i> , <b>2006</b> , 7, 105-18	3.5	60
63	Effect of type and ratio of solubilising polymer on characteristics of hot-melt extruded orodispersible films. <i>International Journal of Pharmaceutics</i> , <b>2013</b> , 455, 138-47	6.5	56
62	Relationship between genotype and enzyme activity of glutathione S-transferases M1 and P1 in Chinese. <i>European Journal of Pharmaceutical Sciences</i> , <b>2006</b> , 28, 77-85	5.1	55
61	Efficient intracellular delivery of functional proteins using cationic polymer core/shell nanoparticles. <i>Biomaterials</i> , <b>2008</b> , 29, 1224-32	15.6	52
60	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
59	Infrared-based protocol for the identification and categorization of ginseng and its products. <i>Food Research International</i> , <b>2007</b> , 40, 643-652	7	49
58	A simple method of microneedle array fabrication for transdermal drug delivery. <i>Drug Development and Industrial Pharmacy</i> , <b>2013</b> , 39, 299-309	3.6	48
57	Population pharmacokinetics of tacrolimus in whole blood and plasma in asian liver transplant patients. <i>Clinical Pharmacokinetics</i> , <b>2006</b> , 45, 59-75	6.2	46
56	The role of the activin system in keloid pathogenesis. <i>American Journal of Physiology - Cell Physiology</i> , <b>2007</b> , 292, C1331-8	5.4	42

55	Insights into oxazaphosphorine resistance and possible approaches to its circumvention. <i>Drug Resistance Updates</i> , <b>2005</b> , 8, 271-97	23.2	42
54	Novel agents that potentially inhibit irinotecan-induced diarrhea. <i>Current Medicinal Chemistry</i> , <b>2005</b> , 12, 1343-58	4.3	34
53	Inclusion of acitretin into cyclodextrins: phase solubility, photostability, and physicochemical characterization. <i>Journal of Pharmaceutical Sciences</i> , <b>2003</b> , 92, 2449-57	3.9	33
52	Fabrication of porous and interconnected PBI/P84 ultrafiltration membranes using [EMIM]OAc as the green solvent. <i>Chemical Engineering Science</i> , <b>2013</b> , 87, 194-203	4.4	29
51	Influence of excipients in comilling on mitigating milling-induced amorphization or structural disorder of crystalline pharmaceutical actives. <i>Journal of Pharmaceutical Sciences</i> , <b>2010</b> , 99, 2462-74	3.9	28
50	Physicochemical effects of terpenes on organogel for transdermal drug delivery. <i>International Journal of Pharmaceutics</i> , <b>2008</b> , 358, 102-7	6.5	28
49	Monitoring drug-protein interaction. <i>Clinica Chimica Acta</i> , <b>2006</b> , 365, 9-29	6.2	28
48	Molecular interactions between polybenzimidazole and [EMIM]OAc, and derived ultrafiltration membranes for protein separation. <i>Green Chemistry</i> , <b>2012</b> , 14, 1405	10	27
47	Surface tension and wettability in transdermal delivery: a study on the in-vitro permeation of haloperidol with cyclodextrin across human epidermis. <i>Journal of Pharmacy and Pharmacology</i> , <b>2010</b> , 62, 770-8	4.8	26
46	Authentication of traditional Chinese medicine using infrared spectroscopy: distinguishing between ginseng and its morphological fakes. <i>Journal of Biomedical Science</i> , <b>2007</b> , 14, 265-73	13.3	26
45	Drug-induced liver injury associated with Complementary and Alternative Medicine: a review of adverse event reports in an Asian community from 2009 to 2014. <i>BMC Complementary and Alternative Medicine</i> , <b>2016</b> , 16, 192	4.7	26
44	Single and multi-layered nanofibers for rapid and controlled drug delivery. <i>Chemical and Pharmaceutical Bulletin</i> , <b>2010</b> , 58, 143-6	1.9	25
43	Overview on the analytical tools for quality control of natural product-based supplements: a case study of ginseng. <i>Assay and Drug Development Technologies</i> , <b>2005</b> , 3, 683-99	2.1	25
42	Protein encapsulation in polymeric microneedles by photolithography. <i>International Journal of Nanomedicine</i> , <b>2012</b> , 7, 3143-54	7.3	24
41	Metabolic parameters in type2 diabetic patients with varying degrees of glycemic control during Ramadan: An observational study. <i>Journal of Diabetes Investigation</i> , <b>2016</b> , 7, 70-5	3.9	23
40	Evaluating the Effect of Ramadan Fasting on Muslim Patients with Diabetes in relation to Use of Medication and Lifestyle Patterns: A Prospective Study. <i>International Journal of Endocrinology</i> , <b>2014</b> , 2014, 308546	2.7	23
39	Microfabricated particulate drug-delivery systems. <i>Biotechnology Journal</i> , <b>2011</b> , 6, 1477-87	5.6	22
38	Development of controlled release inhalable polymeric microspheres for treatment of pulmonary hypertension. <i>International Journal of Pharmaceutics</i> , <b>2013</b> , 450, 114-22	6.5	21

37	Quantitative skin blanching assay of corticosteroid creams using tristimulus colour analysis. <i>Journal of Pharmacy and Pharmacology</i> , <b>1992</b> , 44, 371-8	4.8	21
36	Oxide terpenes as human skin penetration enhancers of haloperidol from ethanol and propylene glycol and their modes of action on stratum corneum. <i>Biological and Pharmaceutical Bulletin</i> , <b>2003</b> , 26, 220-8	2.3	20
35	A novel unit-dose approach for the pharmaceutical compounding of an orodispersible film. <i>International Journal of Pharmaceutics</i> , <b>2018</b> , 539, 165-174	6.5	19
34	Building a successful platform for interprofessional education for health professions in an Asian university. <i>Medical Teacher</i> , <b>2013</b> , 35, 343-7	3	19
33	Transdermal delivery of haloperidol by proniosomal formulations with non-ionic surfactants. <i>Biological and Pharmaceutical Bulletin</i> , <b>2009</b> , 32, 1453-8	2.3	19
32	Comparison of the in vitro and in vivo effects of retinoids either alone or in combination with cisplatin and 5-fluorouracil on tumor development and metastasis of melanoma. <i>Cancer Chemotherapy and Pharmacology</i> , <b>2008</b> , 63, 167-74	3.5	19
31	Biopharmaceutics of 13-cis-retinoic acid (isotretinoin) formulated with modified beta-cyclodextrins. <i>International Journal of Pharmaceutics</i> , <b>2007</b> , 341, 238-45	6.5	17
30	Development and characterization of skin permeation retardants and enhancers: a comparative study of levothyroxine-loaded PNIPAM, PLA, PLGA and EC microparticles. <i>Biopharmaceutics and Drug Disposition</i> , <b>2011</b> , 32, 380-8	1.7	15
29	High-affinity sulfonated materials with transition metal counterions for enhanced protein separation in dual-layer hollow fiber membrane chromatography. <i>Journal of Chromatography A</i> , <b>2008</b> , 1187, 285-8	4.5	15
28	A New Test Unit for Disintegration End-Point Determination of Orodispersible Films. <i>Journal of Pharmaceutical Sciences</i> , <b>2015</b> , 104, 3893-903	3.9	14
27	Fabrication of a 3D hair follicle-like hydrogel by soft lithography. <i>Journal of Biomedical Materials Research - Part A</i> , <b>2013</b> , 101, 3159-69	5.4	14
26	Quantitative assessment of non-steroidal anti-inflammatory topical products in nicotine-induced erythema using tristimulus colour analysis. <i>International Journal of Pharmaceutics</i> , <b>1992</b> , 83, 73-86	6.5	14
25	Lipid Vesicles for the Skin Delivery of Diclofenac: Cerosomes vs. Other Lipid Suspensions. <i>Advanced Pharmaceutical Bulletin</i> , <b>2015</b> , 5, 25-33	4.5	14
24	Exploration of ionic modification in dual-layer hollow fiber membranes for long-term high-performance protein separation. <i>AIChE Journal</i> , <b>2009</b> , 55, 321-330	3.6	13
23	Application of miniaturized near-infrared spectroscopy for quality control of extemporaneous orodispersible films. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2018</b> , 150, 191-198	3.5	13
22	Effect of cetrimide and ascorbic acid on in vitro human skin permeation of haloperidol. <i>Chemical and Pharmaceutical Bulletin</i> , <b>2001</b> , 49, 1395-400	1.9	11
21	Complementary and alternative medicines use among pediatric patients with epilepsy in a multiethnic community. <i>Epilepsy and Behavior</i> , <b>2016</b> , 60, 68-74	3.2	10
20	A Review on Terpenes as Skin Penetration Enhancers in Transdermal Drug Delivery. <i>Journal of Essential Oil Research</i> , <b>2009</b> , 21, 423-428	2.3	10

19	Ascorbic Acid for the safe use of a sunscreen agent: accumulation of nano zinc oxide and titanium dioxide on the skin. <i>Scientia Pharmaceutica</i> , <b>2013</b> , 81, 1141-50	4.3	9
18	NANO/MICROSCALE TECHNOLOGIES FOR DRUG DELIVERY. <i>Journal of Mechanics in Medicine and Biology</i> , <b>2011</b> , 11, 337-367	0.7	9
17	The reliability of traditional authentication [A case of ginseng misfit. <i>Food Chemistry</i> , <b>2008</b> , 107, 570-575	8.5	9
16	Spontaneous cutaneous adverse drug reaction reports-An analysis of a 10-year dataset in Singapore. <i>Pharmacology Research and Perspectives</i> , <b>2019</b> , 7, e00469	3.1	8
15	Pharmacokinetic mechanisms for reduced toxicity of irinotecan by coadministered thalidomide. <i>Current Drug Metabolism</i> , <b>2006</b> , 7, 431-55	3.5	8
14	Pharmacokinetic study of all-trans-retinoyl-beta-D-glucuronide in Sprague-Dawley rats after single and multiple intravenous administration(s). <i>Journal of Pharmaceutical Sciences</i> , <b>2001</b> , 90, 2023-31	3.9	7
13	Infrared Authentication of Ginseng Species: The Use of the 2-6PC Rule. <i>Journal of AOAC INTERNATIONAL</i> , <b>2009</b> , 92, 672-679	1.7	6
12	Biopharmaceutics of beta-cyclodextrin derivative-based formulations of acitretin in Sprague-Dawley rats. <i>Journal of Pharmaceutical Sciences</i> , <b>2004</b> , 93, 805-15	3.9	5
11	Antimicrobial use and drug-drug interactions among nursing home residents in Singapore: a multicentre prevalence study. <i>International Journal of Clinical Pharmacy</i> , <b>2018</b> , 40, 1044-1050	2.3	4
10	Applications of Small-Molecule Gels [Drug Delivery <b>2013</b> , 115-128		4
9	A Point Prevalence Study of Antimicrobial Use and Practice Among Nursing Homes in Singapore. <i>Drugs and Aging</i> , <b>2019</b> , 36, 559-570	4.7	3
8	Metabolically functional hepatocyte-like cells from human umbilical cord lining epithelial cells. <i>Assay and Drug Development Technologies</i> , <b>2013</b> , 11, 130-8	2.1	3
7	Impact of Community-Based Cardiac Rehabilitation on Clinical Parameters of Patients with Cardiovascular Diseases. <i>ASEAN Heart Journal: Official Journal of the ASEAN Federation of Cardiology</i> , <b>2016</b> , 24, 5	0	3
6	Clinical therapeutics for phenylketonuria. <i>Drug Delivery and Translational Research</i> , <b>2012</b> , 2, 223-37	6.2	2
5	Human Multidrug Resistance Associated Protein 4 Confers Resistance to Camptothecins <b>2005</b> , 22, 1837		2
4	Controlled Release Inhalable Polymeric Microspheres for Treatment of Pulmonary Arterial Hypertension. <i>Current Pharmaceutical Design</i> , <b>2015</b> , 21, 5868-76	3.3	2
3	Association between access to health-promoting facilities and participation in cardiovascular disease (CVD) risk screening among populations with low socioeconomic status (SES) in Singapore. <i>Primary Health Care Research and Development</i> , <b>2019</b> , 20, e98	1.6	1
2	Exploring Product-Specific Attributes of a Community Cardiac Rehabilitation Program in an Asian Urban City. <i>Value in Health Regional Issues</i> , <b>2017</b> , 12, 50-56	1.6	1

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