

Sui Yung Chan

List of Publications by Year in descending order

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71
papers

2,897
citations

172457

29
h-index

175258

52
g-index

72
all docs

72
docs citations

72
times ranked

4201
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanism-Based Inhibition of Cytochrome P450 3A4 by Therapeutic Drugs. <i>Clinical Pharmacokinetics</i> , 2005, 44, 279-304.	3.5	419
2	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> , 2012, 401-402, 152-162.	8.2	199
3	The ionic liquid [EMIM]OAc as a solvent to fabricate stable polybenzimidazole membranes for organic solvent nanofiltration. <i>Green Chemistry</i> , 2014, 16, 1383-1392.	9.0	154
4	Novel Nanofiltration Membranes Consisting of a Sulfonated Pentablock Copolymer Rejection Layer for Heavy Metal Removal. <i>Environmental Science & Technology</i> , 2014, 48, 13880-13887.	10.0	135
5	Nanosized ethosomes bearing ketoprofen for improved transdermal delivery. <i>Results in Pharma Sciences</i> , 2011, 1, 60-67.	4.2	114
6	Monitoring of immune responses to a herbal immuno-modulator in patients with advanced colorectal cancer. <i>International Immunopharmacology</i> , 2006, 6, 499-508.	3.8	105
7	Novel Vitamin and Gold-Loaded Nanofiber Facial Mask for Topical Delivery. <i>AAPS PharmSciTech</i> , 2010, 11, 1164-1170.	3.3	102
8	Limonene GP1/PG organogel as a vehicle in transdermal delivery of haloperidol. <i>International Journal of Pharmaceutics</i> , 2006, 311, 157-164.	5.2	97
9	Topotecan Is a Substrate for Multidrug Resistance Associated Protein 4. <i>Current Drug Metabolism</i> , 2006, 7, 105-118.	1.2	75
10	Effect of type and ratio of solubilising polymer on characteristics of hot-melt extruded orodispersible films. <i>International Journal of Pharmaceutics</i> , 2013, 455, 138-147.	5.2	64
11	Population Pharmacokinetics of Tacrolimus in Whole Blood and Plasma in Asian Liver Transplant Patients. <i>Clinical Pharmacokinetics</i> , 2006, 45, 59-75.	3.5	59
12	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.	2.8	59
13	Relationship between genotype and enzyme activity of glutathione S-transferases M1 and P1 in Chinese. <i>European Journal of Pharmaceutical Sciences</i> , 2006, 28, 77-85.	4.0	58
14	Efficient intracellular delivery of functional proteins using cationic polymer core/shell nanoparticles. <i>Biomaterials</i> , 2008, 29, 1224-1232.	11.4	58
15	Infrared-based protocol for the identification and categorization of ginseng and its products. <i>Food Research International</i> , 2007, 40, 643-652.	6.2	55
16	A simple method of microneedle array fabrication for transdermal drug delivery. <i>Drug Development and Industrial Pharmacy</i> , 2013, 39, 299-309.	2.0	53
17	The role of the actinin system in keloid pathogenesis. <i>American Journal of Physiology - Cell Physiology</i> , 2007, 292, C1331-C1338.	4.6	47
18	Insights into oxazaphosphorine resistance and possible approaches to its circumvention. <i>Drug Resistance Updates</i> , 2005, 8, 271-297.	14.4	44

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19	Inclusion of Acitretin into Cyclodextrins: Phase Solubility, Photostability, and Physicochemical Characterization. <i>Journal of Pharmaceutical Sciences</i> , 2003, 92, 2449-2457.	3.3	37
20	Novel Agents that Potentially Inhibit Irinotecan-Induced Diarrhea. <i>Current Medicinal Chemistry</i> , 2005, 12, 1343-1358.	2.4	37
21	Authentication of traditional Chinese medicine using infrared spectroscopy: distinguishing between ginseng and its morphological fakes. <i>Journal of Biomedical Science</i> , 2007, 14, 265-273.	7.0	37
22	Monitoring drug-protein interaction. <i>Clinica Chimica Acta</i> , 2006, 365, 9-29.	1.1	35
23	Fabrication of porous and interconnected PBI/P84 ultrafiltration membranes using [EMIM]OAc as the green solvent. <i>Chemical Engineering Science</i> , 2013, 87, 194-203.	3.8	35
24	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> , 2016, 16, 192.	3.7	34
25	Physicochemical effects of terpenes on organogel for transdermal drug delivery. <i>International Journal of Pharmaceutics</i> , 2008, 358, 102-107.	5.2	33
26	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> , 2010, 62, 770-778.	2.4	33
27	Influence of excipients in comilling on mitigating milling-induced amorphization or structural disorder of crystalline pharmaceutical actives. <i>Journal of Pharmaceutical Sciences</i> , 2010, 99, 2462-2474.	3.3	33
28	Metabolic parameters in type 2 diabetic patients with varying degrees of glycemic control during Ramadan: An observational study. <i>Journal of Diabetes Investigation</i> , 2016, 7, 70-75.	2.4	33
29	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> , 2014, 2014, 1-6.	1.5	31
30	Protein encapsulation in polymeric microneedles by photolithography. <i>International Journal of Nanomedicine</i> , 2012, 7, 3143.	6.7	30
31	Single and Multi-Layered Nanofibers for Rapid and Controlled Drug Delivery. <i>Chemical and Pharmaceutical Bulletin</i> , 2010, 58, 143-146.	1.3	29
32	Molecular interactions between polybenzimidazole and [EMIM]OAc, and derived ultrafiltration membranes for protein separation. <i>Green Chemistry</i> , 2012, 14, 1405.	9.0	28
33	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> , 2005, 3, 683-699.	1.2	27
34	Microfabricated particulate drug delivery systems. <i>Biotechnology Journal</i> , 2011, 6, 1477-1487.	3.5	27
35	Fabrication of a 3D hair follicle-like hydrogel by soft lithography. <i>Journal of Biomedical Materials Research - Part A</i> , 2013, 101, 3159-3169.	4.0	27
36	Quantitative Skin Blanching Assay of Corticosteroid Creams Using Tristimulus Colour Analysis. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 44, 371-378.	2.4	26

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37	Development of controlled release inhalable polymeric microspheres for treatment of pulmonary hypertension. <i>International Journal of Pharmaceutics</i> , 2013, 450, 114-122.	5.2	26
38	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> , 2003, 26, 220-228.	1.4	24
39	Building a successful platform for interprofessional education for health professions in an Asian university. <i>Medical Teacher</i> , 2013, 35, 343-347.	1.8	24
40	Transdermal Delivery of Haloperidol by Proniosomal Formulations with Non-ionic Surfactants. <i>Biological and Pharmaceutical Bulletin</i> , 2009, 32, 1453-1458.	1.4	23
41	A novel unit-dose approach for the pharmaceutical compounding of an orodispersible film. <i>International Journal of Pharmaceutics</i> , 2018, 539, 165-174.	5.2	22
42	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> , 2008, 63, 167-174.	2.3	21
43	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> , 2011, 32, 380-388.	1.9	19
44	Biopharmaceutics of 13-cis-retinoic acid (isotretinoin) formulated with modified β -cyclodextrins. <i>International Journal of Pharmaceutics</i> , 2007, 341, 238-245.	5.2	18
45	Pharmaceutics, Drug Delivery and Pharmaceutical Technology: A New Test Unit for Disintegration End-Point Determination of Orodispersible Films. <i>Journal of Pharmaceutical Sciences</i> , 2015, 104, 3893-3903.	3.3	17
46	Lipid Vesicles for the Skin Delivery of Diclofenac: Cerosomes vs. Other Lipid Suspensions. <i>Advanced Pharmaceutical Bulletin</i> , 2015, 5, 25-33.	1.4	17
47	Application of miniaturized near-infrared spectroscopy for quality control of extemporaneous orodispersible films. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 150, 191-198.	2.8	16
48	Quantitative assessment of non-steroidal anti-inflammatory topical products in nicotinate-induced erythema using tristimulus colour analysis. <i>International Journal of Pharmaceutics</i> , 1992, 83, 73-86.	5.2	15
49	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> , 2008, 1187, 285-288.	3.7	15
50	A Review on Terpenes as Skin Penetration Enhancers in Transdermal Drug Delivery. <i>Journal of Essential Oil Research</i> , 2009, 21, 423-428.	2.7	14
51	Complementary and alternative medicines use among pediatric patients with epilepsy in a multiethnic community. <i>Epilepsy and Behavior</i> , 2016, 60, 68-74.	1.7	14
52	Spontaneous cutaneous adverse drug reaction reports—An analysis of a 10-year dataset in Singapore. <i>Pharmacology Research and Perspectives</i> , 2019, 7, e00469.	2.4	14
53	Exploration of ionic modification in dual-layer hollow fiber membranes for long-term high-performance protein separation. <i>AIChE Journal</i> , 2009, 55, 321-330.	3.6	13
54	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> , 2013, 81, 1141-1150.	2.0	13

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55	Effect of Cetrime and Ascorbic Acid on in Vitro Human Skin Permeation of Haloperidol.. Chemical and Pharmaceutical Bulletin, 2001, 49, 1395-1400.	1.3	12
56	The reliability of traditional authentication – A case of ginseng misfit. Food Chemistry, 2008, 107, 570-575.	8.2	11
57	NANO/MICROSCALE TECHNOLOGIES FOR DRUG DELIVERY. Journal of Mechanics in Medicine and Biology, 2011, 11, 337-367.	0.7	11
58	Pharmacokinetic Mechanisms for Reduced Toxicity of Irinotecan by Coadministered Thalidomide. Current Drug Metabolism, 2006, 7, 431-454.	1.2	10
59	Infrared Authentication of Ginseng Species: The Use of the 2-6PC Rule. Journal of AOAC INTERNATIONAL, 2009, 92, 672-679.	1.5	8
60	Pharmacokinetic study of all-trans-retinoyl- β -D-glucuronide in Sprague-Dawley rats after single and multiple intravenous administration(s). Journal of Pharmaceutical Sciences, 2001, 90, 2023-2031.	3.3	7
61	Biopharmaceutics of β -cyclodextrin derivative-based formulations of acitretin in sprague-dawley rats. Journal of Pharmaceutical Sciences, 2004, 93, 805-815.	3.3	6
62	Impact of Community-Based Cardiac Rehabilitation on Clinical Parameters of Patients with Cardiovascular Diseases. ASEAN Heart Journal: Official Journal of the ASEAN Federation of Cardiology, 2016, 24, 5.	0.0	6
63	Human Multidrug Resistance Associated Protein 4 Confers Resistance to Camptothecins. Pharmaceutical Research, 2005, 22, 1837.	3.5	6
64	Antimicrobial use and drug-drug interactions among nursing home residents in Singapore: a multicentre prevalence study. International Journal of Clinical Pharmacy, 2018, 40, 1044-1050.	2.1	4
65	Clinical therapeutics for phenylketonuria. Drug Delivery and Translational Research, 2012, 2, 223-237.	5.8	3
66	Metabolically Functional Hepatocyte-Like Cells from Human Umbilical Cord Lining Epithelial Cells. Assay and Drug Development Technologies, 2013, 11, 130-138.	1.2	3
67	Association between access to health-promoting facilities and participation in cardiovascular disease (CVD) risk screening among populations with low socioeconomic status (SES) in Singapore. Primary Health Care Research and Development, 2019, 20, e98.	1.2	3
68	A Point Prevalence Study of Antimicrobial Use and Practice Among Nursing Homes in Singapore. Drugs and Aging, 2019, 36, 559-570.	2.7	3
69	Controlled Release Inhalable Polymeric Microspheres for Treatment of Pulmonary Arterial Hypertension. Current Pharmaceutical Design, 2015, 21, 5868-5876.	1.9	2
70	Terpenes and Improvement of Transdermal Drug Delivery. , 2013, , 3757-3774.		1
71	Exploring Product-Specific Attributes of a Community Cardiac Rehabilitation Program in an Asian Urban City. Value in Health Regional Issues, 2017, 12, 50-56.	1.2	1