

Pao-Chu Wu

List of Publications by Year in descending order

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79
papers

1,835
citations

257101

24
h-index

301761

39
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80
all docs

80
docs citations

80
times ranked

1774
citing authors

#	ARTICLE	IF	CITATIONS
1	Fabrication of polyethylene glycol hydrogels with enhanced swelling; loading capacity and release kinetics. <i>Polymer Bulletin</i> , 2022, 79, 5389-5415.	1.7	18
2	Designing of pH-responsive ketorolac tromethamine loaded hydrogels of alginate: Characterization, in-vitro and in-vivo evaluation. <i>Arabian Journal of Chemistry</i> , 2022, 15, 103590.	2.3	10
3	Association of COVID-19 vaccination with herpes zoster: a systematic review and meta-analysis. <i>Expert Review of Vaccines</i> , 2022, 21, 601-608.	2.0	11
4	Designing of pH-Sensitive Hydrogels for Colon Targeted Drug Delivery; Characterization and In Vitro Evaluation. <i>Gels</i> , 2022, 8, 155.	2.1	11
5	Formulation, Characterization, and In Vitro Drug Release Study of β -Cyclodextrin-Based Smart Hydrogels. <i>Gels</i> , 2022, 8, 207.	2.1	8
6	Synthesis and In Vitro Evaluation of Aspartic Acid Based Microgels for Sustained Drug Delivery. <i>Gels</i> , 2022, 8, 12.	2.1	5
7	In Vitro Evaluation of Smart and pH-Sensitive Chondroitin Sulfate/Sodium Polystyrene Sulfonate Hydrogels for Controlled Drug Delivery. <i>Gels</i> , 2022, 8, 406.	2.1	6
8	Fabrication, characterization and toxicological evaluation of polyethylene glycol/sodium polystyrene sulfonate hydrogels for controlled delivery of Acetaminophen. <i>Journal of Materials Research and Technology</i> , 2022, 19, 3073-3087.	2.6	3
9	Fabrication and Characterization of Diclofenac Sodium Loaded Hydrogels of Sodium Alginate as Sustained Release Carrier. <i>Gels</i> , 2021, 7, 10.	2.1	45
10	Preparation and Evaluation of Azelaic Acid Topical Microemulsion Formulation: In Vitro and In Vivo Study. <i>Pharmaceutics</i> , 2021, 13, 410.	2.0	18
11	Development and characterization of pH-sensitive chondroitin sulfate-co-poly(acrylic acid) hydrogels for controlled release of diclofenac sodium. <i>Journal of Saudi Chemical Society</i> , 2021, 25, 101212.	2.4	35
12	Preparation, Characterization, Swelling Potential, and In-Vitro Evaluation of Sodium Poly(Styrene) Tj ETQqO O O rgBT /Overlock 10 Tf 50 . 2021, 14, 350.	1.7	16
13	Preparation and In Vitro Evaluation of Aspartic/Alginate Based Semi-Interpenetrating Network Hydrogels for Controlled Release of Ibuprofen. <i>Gels</i> , 2021, 7, 68.	2.1	18
14	Fabrication, optimisation and evaluation of cisplatin-loaded nanostructured carriers for improved urothelium permeability for intravesical administration. <i>Journal of Microencapsulation</i> , 2021, 38, 405-413.	1.2	1
15	Fabrication and In Vitro Evaluation of pH-Sensitive Polymeric Hydrogels as Controlled Release Carriers. <i>Gels</i> , 2021, 7, 110.	2.1	14
16	Improved skin permeability and whitening effect of catechin-loaded transfersomes through topical delivery. <i>International Journal of Pharmaceutics</i> , 2021, 607, 121030.	2.6	13
17	Synthesis, Characterization, In-Vitro and In-Vivo Evaluation of Ketorolac Tromethamine-Loaded Hydrogels of Glutamic Acid as Controlled Release Carrier. <i>Polymers</i> , 2021, 13, 3541.	2.0	3
18	Formulation and In-Vitro Characterization of pH-Responsive Semi-Interpenetrating Polymer Network Hydrogels for Controlled Release of Ketorolac Tromethamine. <i>Gels</i> , 2021, 7, 167.	2.1	9

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19	Fabrication of alginate based microgels for drug-sustained release: In-vitro and in-vivo evaluation. <i>International Journal of Biological Macromolecules</i> , 2021, 192, 958-966.	3.6	15
20	Enhancement of the Topical Bioavailability and Skin Whitening Effect of Genistein by Using Microemulsions as Drug Delivery Carriers. <i>Pharmaceutics</i> , 2021, 14, 1233.	1.7	8
21	Co-Delivery of Cisplatin and Gemcitabine via Viscous Nanoemulsion for Potential Synergistic Intravesical Chemotherapy. <i>Pharmaceutics</i> , 2020, 12, 949.	2.0	22
22	Using Carbomer-Based Hydrogels for Control the Release Rate of Diclofenac Sodium: Preparation and In Vitro Evaluation. <i>Pharmaceutics</i> , 2020, 13, 399.	1.7	49
23	Gel-Based Nanocarrier for Intravesical Chemotherapy Delivery: In Vitro and In Vivo Study. <i>Pharmaceutics</i> , 2020, 13, 329.	1.7	2
24	Orabase-Formulated Benzalkonium Chloride Effectively Suppressed Oral Potentially Malignant Disorder In Vitro and In Vivo. <i>ACS Omega</i> , 2020, 5, 7018-7024.	1.6	1
25	Gel-based Microemulsion Design and Evaluation for Topical Application of Rivastigmine. <i>Current Pharmaceutical Biotechnology</i> , 2020, 21, 298-304.	0.9	2
26	A Novel Model for Studying Voltage-Gated Ion Channel Gene Expression during Reversible Ischemic Stroke. <i>International Journal of Medical Sciences</i> , 2019, 16, 60-67.	1.1	6
27	Using Microemulsion as Carrier for Drug Transdermal Delivery: The Effect of Surfactants and Cosurfactants. <i>Current Pharmaceutical Design</i> , 2019, 25, 1052-1058.	0.9	8
28	Protective effects of Liuwei dihuang water extracts on diabetic muscle atrophy. <i>Phytomedicine</i> , 2019, 53, 96-106.	2.3	18
29	Microemulsion formulation design and evaluation for hydrophobic compound: Catechin topical application. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 161, 121-128.	2.5	42
30	Protective effects of the water extract of Liuwei dihuang on methylglyoxal-induced atrophy in myotubes. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO1-9-35.	0.0	0
31	A Formulation Study of 5-Aminolevulinic Encapsulated in DPPC Liposomes in Melanoma Treatment. <i>International Journal of Medical Sciences</i> , 2016, 13, 483-489.	1.1	34
32	Amsacrine analog-loaded solid lipid nanoparticle to resolve insolubility for injection delivery: characterization and pharmacokinetics. <i>Drug Design, Development and Therapy</i> , 2016, 10, 1019.	2.0	9
33	Nanocarriers enhance the transdermal bioavailability of resveratrol: In-vitro and in-vivo study. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 148, 650-656.	2.5	39
34	Optimization and Validation of High-Performance Chromatographic Condition for Simultaneous Determination of Adapalene and Benzoyl Peroxide by Response Surface Methodology. <i>PLoS ONE</i> , 2015, 10, e0120171.	1.1	10
35	Preparation and Characterization of Naringenin-Loaded Elastic Liposomes for Topical Application. <i>PLoS ONE</i> , 2015, 10, e0131026.	1.1	47
36	Preparation and evaluation of submicron-carriers for naringenin topical application. <i>International Journal of Pharmaceutics</i> , 2015, 481, 84-90.	2.6	26

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37	Formulation Optimization of Arecoline Patches. Scientific World Journal, The, 2014, 2014, 1-7.	0.8	4
38	The Effect of Nanoemulsion as a Carrier of Hydrophilic Compound for Transdermal Delivery. PLoS ONE, 2014, 9, e102850.	1.1	35
39	Antioxidant activity and attenuation of bladder hyperactivity by the flavonoid compound kaempferol. International Journal of Urology, 2014, 21, 94-98.	0.5	29
40	Development and validation of an in vitro-in vivo correlation (IVIVC) model for propranolol hydrochloride extended-release matrix formulations. Journal of Food and Drug Analysis, 2014, 22, 257-263.	0.9	14
41	The transport effect of submicron emulsions on 5-fluorouracil topical application. Journal of Microencapsulation, 2013, 30, 425-431.	1.2	5
42	Effect of microemulsions on transdermal delivery of citalopram: optimization studies using mixture design and response surface methodology. International Journal of Nanomedicine, 2013, 8, 2295.	3.3	19
43	Isotretinoin Oil-Based Capsule Formulation Optimization. Scientific World Journal, The, 2013, 2013, 1-6.	0.8	7
44	The Effect of Submicron Emulsion Systems on Transdermal Delivery of Kaempferol. Chemical and Pharmaceutical Bulletin, 2012, 60, 1171-1175.	0.6	15
45	The Effect of Component of Microemulsions on Transdermal Delivery of Buspirone Hydrochloride. Journal of Pharmaceutical Sciences, 2011, 100, 2358-2365.	1.6	29
46	Formulation Optimization of Estradiol Microemulsion Using Response Surface Methodology. Journal of Pharmaceutical Sciences, 2011, 100, 4383-4389.	1.6	10
47	Formulation optimization of transdermal meloxicam potassium-loaded mesomorphic phases containing ethanol, oleic acid and mixture surfactant using the statistical experimental design methodology. Journal of Microencapsulation, 2011, 28, 508-514.	1.2	2
48	Microemulsions for Intravesical Delivery of Gemcitabine. Chemical and Pharmaceutical Bulletin, 2010, 58, 1461-1465.	0.6	13
49	The Effect of Component of Cream for Topical Delivery of Hesperetin. Chemical and Pharmaceutical Bulletin, 2010, 58, 611-614.	0.6	14
50	In vitro permeation and in vivo whitening effect of topical hesperetin microemulsion delivery system. International Journal of Pharmaceutics, 2010, 388, 257-262.	2.6	90
51	The effect of component of microemulsion for transdermal delivery of nicardipine hydrochloride. Drug Development and Industrial Pharmacy, 2010, 36, 1398-1403.	0.9	17
52	Highly Sensitive Quantitative Analysis of 1-[3-(Furo[3,2-c]quinolin-4-ylamino)phenyl]ethanone Oxime, a New Antitumor Agent, in Rat Plasma by LC with Electrochemical Detection. Chromatographia, 2009, 70, 265-269.	0.7	4
53	Topical delivery of 5-aminolevulinic acid-encapsulated ethosomes in a hyperproliferative skin animal model using the CLSM technique to evaluate the penetration behavior. European Journal of Pharmaceutics and Biopharmaceutics, 2009, 73, 391-398.	2.0	107
54	The Effect of Mixed-Solvent and Terpenes on Percutaneous Absorption of Meloxicam Gel. Drug Development and Industrial Pharmacy, 2007, 33, 984-989.	0.9	10

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55	Formulation optimization of meloxicam sodium gel using response surface methodology. <i>International Journal of Pharmaceutics</i> , 2007, 338, 48-54.	2.6	51
56	Evaluation of ketoprofen formulations via penetration rate and irritation in vivo study. <i>International Journal of Pharmaceutics</i> , 2007, 339, 47-51.	2.6	8
57	Highly sensitive analysis of the anti-tumor agent 1-[4-(furo[2,3-b]-quinolin-4-ylamino)phenyl]ethanone in rat plasma by high-performance liquid chromatography using electrochemical detection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2005, 38, 551-555.	1.4	6
58	Optimization of pH-independent release of nicardipine hydrochloride extended-release matrix tablets using response surface methodology. <i>International Journal of Pharmaceutics</i> , 2005, 289, 87-95.	2.6	80
59	The Influence of Anti-Irritants on Captopril Hydrophilic Gel. <i>Drug Development and Industrial Pharmacy</i> , 2004, 30, 163-169.	0.9	7
60	Influence of formulation variables and manufacturing process on propranolol extended release profile from HPMC matrices tablets. <i>Journal of Applied Polymer Science</i> , 2004, 93, 1886-1890.	1.3	4
61	The characterization and biodistribution of cefoxitin-loaded liposomes. <i>International Journal of Pharmaceutics</i> , 2004, 271, 31-39.	2.6	26
62	Once-daily propranolol extended-release tablet dosage form: formulation design and in vitro/in vivo investigation. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2004, 58, 607-614.	2.0	102
63	Optimization of Sustained-Release Propranolol Dosage form Using Factorial Design and Response Surface Methodology. <i>Biological and Pharmaceutical Bulletin</i> , 2004, 27, 1626-1629.	0.6	33
64	Design and evaluation of sustained release microspheres of potassium chloride prepared by Eudragit®. <i>European Journal of Pharmaceutical Sciences</i> , 2003, 19, 115-122.	1.9	33
65	Preparation and evaluation of sustained release microspheres of potassium chloride prepared with ethylcellulose. <i>International Journal of Pharmaceutics</i> , 2003, 260, 115-121.	2.6	21
66	In vitro and in vivo evaluation of potassium chloride sustained release formulation prepared with saturated polyglycolyded glycerides matrices. <i>International Journal of Pharmaceutics</i> , 2002, 243, 119-124.	2.6	30
67	Effect of antioxidants and anti-irritants on the stability, skin irritation and penetration capacity of captopril gel. <i>International Journal of Pharmaceutics</i> , 2002, 241, 345-351.	2.6	21
68	Influence of Electrical and Chemical Factors on Transdermal Iontophoretic Delivery of Three Diclofenac Salts.. <i>Biological and Pharmaceutical Bulletin</i> , 2001, 24, 390-394.	0.6	11
69	In vitro skin permeation of estradiol from various proniosome formulations. <i>International Journal of Pharmaceutics</i> , 2001, 215, 91-99.	2.6	203
70	Simultaneous optimization based on artificial neural networks in ketoprofen hydrogel formula containing O-ethyl-3-butylcyclohexanol as percutaneous absorption enhancer. <i>Journal of Pharmaceutical Sciences</i> , 2001, 90, 1004-1014.	1.6	34
71	Evaluation of percutaneous absorption and skin irritation of ketoprofen through rat skin: in vitro and in vivo study. <i>International Journal of Pharmaceutics</i> , 2001, 222, 225-235.	2.6	30
72	Evaluation of pharmacokinetics and pharmacodynamics of captopril from transdermal hydrophilic gels in normotensive rabbits and spontaneously hypertensive rats. <i>International Journal of Pharmaceutics</i> , 2000, 209, 87-94.	2.6	22

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73	In Vitro Study of Transdermal Nicotine Delivery: Influence of Rate-Controlling Membranes and Adhesives. Drug Development and Industrial Pharmacy, 1999, 25, 789-794.	0.9	14
74	Evaluation of Topical Application of Clobetasol 17-Propionate from Various Cream Bases. Drug Development and Industrial Pharmacy, 1999, 25, 7-14.	0.9	16
75	Percutaneous Absorption of Captopril from Hydrophilic Cellulose Derivatives Through Excised Rabbit Skin and Human Skin. Drug Development and Industrial Pharmacy, 1998, 24, 179-182.	0.9	21
76	Percutaneous absorption and skin erythema: Quantification of capsaicin and its synthetic derivatives from gels incorporated with benzalkonium chloride by using non-invasive bioengineering methods. Drug Development Research, 1997, 40, 56-67.	1.4	21
77	Percutaneous Absorption of Piroxicam from Fapg Base Through Rat Skin: Effects of Oleic Acid and Saturated Fatty Acid Added to Fapg Base. Drug Development and Industrial Pharmacy, 1994, 20, 1425-1437.	0.9	6
78	Effects of the Administration of Ketoprofen gel on the Percutaneous Absorption of Ketoprofen in Rabbits. Drug Development and Industrial Pharmacy, 1994, 20, 1093-1101.	0.9	3
79	Percutaneous Absorption of Capsaicin and Its Derivatives. Drug Development and Industrial Pharmacy, 1994, 20, 719-730.	0.9	26