Theerasak Rojanarata

List of Publications by Year
in descending order

177 papers	4,249 citations	108046 37 h-index	169272 56 g-index
180 all docs	180 docs citations	180 times ranked	6347 citing authors

#	Article	IF	Citations
1	Synthesis of Polyethylene Glycol Diacrylate/Acrylic Acid Nanoparticles as Nanocarriers for the Controlled Delivery of Doxorubicin to Colorectal Cancer Cells. Pharmaceutics, 2022, 14, 479.	2.0	10
2	Feasibility of mucoadhesive chitosan maleimide-coated liposomes for improved buccal delivery of a protein drug. Journal of Drug Delivery Science and Technology, 2022, 69, 103173.	1.4	15
3	Maleimide-functionalized carboxymethyl cellulose: A novel mucoadhesive polymer for transmucosal drug delivery. Carbohydrate Polymers, 2022, 288, 119368.	5.1	10
4	Formulation and Optimal Design of Dioscorea bulbifera and Honey-Loaded GantrezÂ®/Xyloglucan Hydrogel as Wound Healing Patches. Pharmaceutics, 2022, 14, 1302.	2.0	6
5	Enhancement of transdermal delivery of resveratrol using Eudragit and polyvinyl pyrrolidone-based dissolving microneedle patches. Journal of Drug Delivery Science and Technology, 2021, 61, 102284.	1.4	11
6	Transferring Online Presentation Slides to an Easy-to-Prepare and Effective Laboratory Learning Package. , 2021, , .		0
7	Development and Evaluation of Novel Water-Based Drug-in-Adhesive Patches for the Transdermal Delivery of Ketoprofen. Pharmaceutics, 2021, 13, 789.	2.0	8
8	Doxorubicin-loaded chitosan-alginate nanoparticles with dual mucoadhesive functionalities for intravesical chemotherapy. Journal of Drug Delivery Science and Technology, 2021, 63, 102481.	1.4	17
9	Design and Optimization of 3D-Printed Gastroretentive Floating Devices by Central Composite Design. AAPS PharmSciTech, 2021, 22, 197.	1.5	13
10	Smartphone-based technique for the determination of a titration equivalence point from an RGB linear-segment curve with an example application to miniaturized titration of sodium chloride injections. Talanta, 2021, 233, 122602.	2.9	15
11	Feasibility of chitosan-based nanoparticles approach for intranasal immunisation of live attenuated Japanese encephalitis vaccine. International Journal of Biological Macromolecules, 2021, 183, 1096-1105.	3.6	15
12	Nanomaterials-based electrochemical sensors and biosensors for the detection of non-steroidal anti-inflammatory drugs. TrAC - Trends in Analytical Chemistry, 2021, 143, 116403.	5.8	49
13	Synthesis of novel N-vinylpyrrolidone/acrylic acid nanoparticles as drug delivery carriers of cisplatin to cancer cells. Colloids and Surfaces B: Biointerfaces, 2020, 185, 110566.	2.5	19
14	Fabrication of electrospun hydrogels loaded with Ipomoea pes-caprae (L.) R. Br extract for infected wound. Journal of Drug Delivery Science and Technology, 2020, 55, 101478.	1.4	9
15	HPMC/PVP Dissolving Microneedles: a Promising Delivery Platform to Promote Trans-Epidermal Delivery of Alpha-Arbutin for Skin Lightening. AAPS PharmSciTech, 2020, 21, 25.	1.5	40
16	Effect of hydrophobic tails of plier-like cationic lipids on nucleic acid delivery and intracellular trafficking. International Journal of Pharmaceutics, 2020, 573, 118798.	2.6	8
17	Fabrication of floating capsule-in- 3D-printed devices as gastro-retentive delivery systems of amoxicillin. Journal of Drug Delivery Science and Technology, 2020, 55, 101393.	1.4	45
18	Rapid synthesis of chitosan-capped gold nanoparticles for analytical application and facile recovery of gold from laboratory waste. Carbohydrate Polymers, 2020, 250, 116983.	5.1	8

#	Article	IF	Citations
19	Three-dimensional (3D)-printed devices composed of hydrophilic cap and hydrophobic body for improving buoyancy and gastric retention of domperidone tablets. European Journal of Pharmaceutical Sciences, 2020, 155, 105555.	1.9	16
20	Influence of nanofiber alignment on the release of a water-soluble drug from cellulose acetate nanofibers. Saudi Pharmaceutical Journal, 2020, 28, 1210-1216.	1.2	18
21	Clotrimazole nanosuspensions-loaded hyaluronic acid-catechol/polyvinyl alcohol mucoadhesive films for oral candidiasis treatment. Journal of Drug Delivery Science and Technology, 2020, 60, 101927.	1.4	7
22	Catechol-modified chitosan/hyaluronic acid nanoparticles as a new avenue for local delivery of doxorubicin to oral cancer cells. Colloids and Surfaces B: Biointerfaces, 2020, 196, 111279.	2.5	63
23	Catechol-Functionalized Alginate Nanoparticles as Mucoadhesive Carriers for Intravesical Chemotherapy. AAPS PharmSciTech, 2020, 21, 212.	1.5	18
24	Preactivated-thiolated polyacrylic acid/1-vinyl pyrrolidone nanoparticles as nicotine carriers for smoking cessation. RSC Advances, 2020, 10, 33517-33525.	1.7	2
25	Preparation and Evaluation of 6-Maleimidohexanoic Acid Grafted Chitosan Nanoparticles as a Novel Carrier for Intranasal Protein Delivery. Key Engineering Materials, 2020, 859, 214-219.	0.4	1
26	Effects of Thermal Crosslinking on the Properties and Release Profiles of Three-Dimensional (3D)-Printed Poly Vinyl Alcohol (PVA) Tablets. Key Engineering Materials, 2020, 859, 258-264.	0.4	6
27	Fabrication and Evaluation of Thermally Crosslinked Gantrez S-97 Microneedle Arrays. Key Engineering Materials, 2020, 859, 39-44.	0.4	2
28	Fabrication, characterization and comparison of Î±-arbutin loaded dissolving and hydrogel forming microneedles. International Journal of Pharmaceutics, 2020, 586, 119508.	2.6	47
29	Ion pair extraction coupled with digital image colorimetry as a rapid and green platform for pharmaceutical analysis: An example of chlorpromazine hydrochloride tablet assay. Talanta, 2020, 219, 121271.	2.9	12
30	Enabling Combinatorial siRNA Delivery against Apoptosis-Related Proteins with Linoleic Acid and Î±-Linoleic Acid Substituted Low Molecular Weight Polyethylenimines. Pharmaceutical Research, 2020, 37, 46.	1.7	7
31	How Online Whiteboard Promotes Students' Collaborative Skills in Laboratory Learning. , 2020, , .		9
32	Chitosan Polymeric Micelles for Prevention of Cisplatin-Induced Nephrotoxicity and Anticancer Activity of Cisplatin. , 2020, , .		1
33	Promoting Student-Run Online Class Review Activities as Effective Cooperative Learning. Indian Journal of Pharmaceutical Education and Research, 2020, 54, 915-920.	0.3	0
34	Fabrication and characterization of andrographolide analogue (3A.1) nanosuspensions stabilized by amphiphilic chitosan derivatives for colorectal cancer therapy. Journal of Drug Delivery Science and Technology, 2019, 54, 101287.	1.4	16
35	Facile and green fabrication of biocatalytic chitosan beads by one-step genipin-mediated Î²-glucosidase immobilization for production of bioactive genistein. Sustainable Chemistry and Pharmacy, 2019, 14, 100187.	1.6	5
36	A paper-based analytical device coupled with electrochemical detection for the determination of dexamethasone and prednisoloneÂin adulterated traditional medicines. Analytica Chimica Acta, 2019, 1078, 16-23.	2.6	40

#	Article	IF	Citations
37	A novel plier-like gemini cationic niosome for nucleic acid delivery. Journal of Drug Delivery Science and Technology, 2019, 52, 325-333.	1.4	18
38	Evaluation of Thermally Crosslinked Poly(Acrylic Acid-Co-Maleic Acid) (PAMA)/Poly(Vinyl Alcohol) (PVA) Microneedle Arrays. Key Engineering Materials, 2019, 819, 45-50.	0.4	4
39	Optimization of Boesenbergia rotunda Extract-Loaded Polyvinyl Alcohol Hydrogel Wound Dressing by Box-Behnken Design. Key Engineering Materials, 2019, 819, 38-44.	0.4	4
40	Dual-Charge Nanofiber Mats Made of Chitosan(CS)/Poly(Vinyl Alcohol) (PVA) and Poly-(Acrylic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	0.4	2
41	Smartphone-based Ellmanâ€™s colourimetric methods for the analysis of d-penicillamine formulation and thiolated polymer. International Journal of Pharmaceutics, 2019, 558, 120-127.	2.6	30
42	Fast and non-destructive determination of active pharmaceutical ingredient concentration in an electrospun nanofiber patch using infrared spectroscopy. Microchemical Journal, 2018, 140, 256-261.	2.3	3
43	Development of Microemulsions and Microemulgels for Enhancing Transdermal Delivery of Kaempferia parviflora Extract. AAPS PharmSciTech, 2018, 19, 2058-2067.	1.5	13
44	Green, fast and cheap paper-based method for estimating equivalence ratio of cationic carriers to DNA in gene delivery formulations. European Journal of Pharmaceutical Sciences, 2018, 115, 204-211.	1.9	5
45	Enrichment of gammaâ€aminobutyric acid in bean sprouts: Exploring biosynthesis of plant metabolite using common household reagents. Biochemistry and Molecular Biology Education, 2018, 46, 155-161.	0.5	2
46	Cationic Niosomes for Enhanced Skin Immunization of Plasmid DNA-Encoding Ovalbumin via Hollow Microneedles. AAPS PharmSciTech, 2018, 19, 481-488.	1.5	35
47	Development of Chitosan-Based pH-Sensitive Polymeric Micelles Containing Curcumin for Colon-Targeted Drug Delivery. AAPS PharmSciTech, 2018, 19, 991-1000.	1.5	79
48	Lipid-based nanocarriers to enhance skin permeation and antioxidant activity of Centella asiatica extract. MATEC Web of Conferences, 2018, 192, 01016.	0.1	1
49	6-Maleimidohexanoic acid-grafted chitosan: A new generation mucoadhesive polymer. Carbohydrate Polymers, 2018, 202, 258-264.	5.1	41
50	Fast, affordable and eco-friendly enzyme kinetic method for the assay of Î±-ketoglutaric acid in medical product and sports supplements. Enzyme and Microbial Technology, 2018, 116, 72-76.	1.6	3
51	Synthesis of N-vinylpyrrolidone/Acrylic acid nanoparticles for drug delivery: Method optimization. MATEC Web of Conferences, 2018, 192, 01020.	0.1	4
52	Cationic niosomes an effective gene carrier composed of novel spermine-derivative cationic lipids: effect of central core structures. Pharmaceutical Development and Technology, 2017, 22, 350-359.	1.1	13
53	Development and evaluation of N-naphthyl-N,O-succinyl chitosan micelles containing clotrimazole for oral candidiasis treatment. Pharmaceutical Development and Technology, 2017, 22, 184-190.	1.1	7
54	Interaction of pharmaceutical excipients with organic cation transporters. International Journal of Pharmaceutics, 2017, 520, 14-20.	2.6	8

#	Article	IF	Citations
55	Enhancement of Skin Permeation and Skin Immunization of Ovalbumin Antigen via Microneedles. AAPS PharmSciTech, 2017, 18, 2418-2426.	1.5	6
56	Influence of sonophoresis on transdermal drug delivery of hydrophilic compound-loaded lipid nanocarriers. Pharmaceutical Development and Technology, 2017, 22, 597-605.	1.1	12
57	A combined approach of hollow microneedles and nanocarriers for skin immunization with plasmid DNA encoding ovalbumin. International Journal of Nanomedicine, 2017, Volume 12, 885-898.	3.3	29
58	Preparation and characterization of N-benzyl-N,O-succinyl chitosan polymeric micelles for solubilization of poorly soluble non-steroidal anti-inflammatory drugs. Tropical Journal of Pharmaceutical Research, 2017, 16, 2349-2357.	0.2	1
59	Application of Design Expert for the investigation of capsaicin-loaded microemulsions for transdermal delivery. Pharmaceutical Development and Technology, 2016, 21, 1-8.	1.1	6
60	Fabrication of Chromatographic Devices for Screening Cosmetics for Hydroquinone and Retinoic Acid as a Chemistry Project To Connect with the Community. Journal of Chemical Education, 2016, 93, 1894-1899.	1.1	1
61	Development, Characterization and Skin Interaction of Capsaicin-Loaded Microemulsion-Based Nonionic Surfactant. Biological and Pharmaceutical Bulletin, 2016, 39, 601-610.	0.6	13
62	Skin Transport of Hydrophilic Compound-Loaded PEGylated Lipid Nanocarriers: Comparative Study of Liposomes, Niosomes, and Solid Lipid Nanoparticles. Biological and Pharmaceutical Bulletin, 2016, 39, 1254-1262.	0.6	26
63	Fabrication and Evaluation of Nanostructured Herbal Oil/Hydroxypropyl-Î²-Cyclodextrin/Polyvinylpyrrolidone Mats for Denture Stomatitis Prevention and Treatment. AAPS PharmSciTech, 2016, 17, 1441-1449.	1.5	19
64	Aligned Electrospun Polyvinyl Pyrrolidone/Poly Îµ-Caprolactone Blend Nanofiber Mats for Tissue Engineering. International Journal of Nanoscience, 2016, 15, 1650005.	0.4	11
65	Mechanistic study of decreased skin penetration using a combination of sonophoresis with sodium fluorescein-loaded PEGylated liposomes with D-limonene. International Journal of Nanomedicine, 2015, 10, 7413.	3.3	6
66	Transdermal delivery of fluorescein isothiocyanate-dextrans using the combination of microneedles and low-frequency sonophoresis. Asian Journal of Pharmaceutical Sciences, 2015, 10, 415-424.	4.3	14
67	Fabrication of mucoadhesive chitosan coated polyvinylpyrrolidone/cyclodextrin/clotrimazole sandwich patches for oral candidiasis. Carbohydrate Polymers, 2015, 132, 173-179.	5.1	59
68	Fast releasing oral electrospun PVP/CD nanofiber mats of taste-masked meloxicam. International Journal of Pharmaceutics, 2015, 487, 213-222.	2.6	103
69	Fabrication and In Vitro/In Vivo Performance of Mucoadhesive Electrospun Nanofiber Mats Containing Î±-Mangostin. AAPS PharmSciTech, 2015, 16, 1140-1152.	1.5	33
70	Mucoadhesive electrospun chitosan-based nanofibre mats for dental caries prevention. Carbohydrate Polymers, 2015, 117, 933-940.	5.1	68
71	Fabrication of a novel scaffold of clotrimazole-microemulsion-containing nanofibers using an electrospinning process for oral candidiasis applications. Colloids and Surfaces B: Biointerfaces, 2015, 126, 18-25.	2.5	54
72	Formulation and evaluation of meloxicam oral disintegrating tablet with dissolution enhanced by combination of cyclodextrin and ion exchange resins. Drug Development and Industrial Pharmacy, 2015, 41, 1006-1016.	0.9	28

#	Article	IF	Citations
73	Reused cyclodextrin as a new way to deliver and enhance drug loading onto ion exchange resin. Pharmaceutical Development and Technology, 2015, 20, 827-838.	1.1	3
74	Lysozyme-immobilized electrospun PAMA/PVA and PSSA-MA/PVA ion-exchange nanofiber for wound healing. Pharmaceutical Development and Technology, 2015, 20, 976-983.	1.1	17
75	Investigation of the mechanism of enhanced skin penetration by ultradeformable liposomes. International Journal of Nanomedicine, 2014, 9, 3539.	3.3	26
76	Evaluation of some anionic exchange resins as potential tablet disintegrants. Tropical Journal of Pharmaceutical Research, 2014, 13, 1585.	0.2	1
77	Fabrication of Cationic Exchange Polystyrene Nanofibers for Drug Delivery. Tropical Journal of Pharmaceutical Research, 2014, 13, 191.	0.2	5
78	Effect of Various Nonionic Surfactants Incorporated in Liposomes on Dermal Delivery of Hydrophilic Compound. Advanced Materials Research, 2014, 1060, 12-16.	0.3	0
79	Polymeric Micelles for Enhanced Solubility of Meloxicam in Oral Drug Delivery. Advanced Materials Research, 2014, 1060, 7-11.	0.3	1
80	Electrospun chitosan/polyvinyl alcohol nanofibre mats for wound healing. International Wound Journal, 2014, 11, 215-222.	1.3	97
81	All-trans retinoic acid-loaded lipid nanoparticles as a transdermal drug delivery carrier. Pharmaceutical Development and Technology, 2014, 19, 164-172.	1.1	36
82	Fast-Acting Clotrimazole Composited PVP/HPÎ²CD Nanofibers for Oral Candidiasis Application. Pharmaceutical Research, 2014, 31, 1893-1906.	1.7	34
83	Uniaxially aligned electrospun cellulose acetate nanofibers for thin layer chromatographic screening of hydroquinone and retinoic acid adulterated in cosmetics. Journal of Chromatography A, 2014, 1367, 141-147.	1.8	17
84	Encapsulation of plai oil/2-hydroxypropyl-Î²-cyclodextrin inclusion complexes in polyvinylpyrrolidone (PVP) electrospun nanofibers for topical application. Pharmaceutical Development and Technology, 2014, 19, 430-437.	1.1	31
85	Nonionic Surfactant Vesicles Composed of Novel Spermine-Derivative Cationic Lipids as an Effective Gene Carrier In Vitro. AAPS PharmSciTech, 2014, 15, 722-730.	1.5	27
86	Bootstrap Resampling Technique to Evaluate the Reliability of the Optimal Liposome Formulation: Skin Permeability and Stability Response Variables. Biological and Pharmaceutical Bulletin, 2014, 37, 1543-1549.	0.6	5
87	Role of the charge, carbon chain length, and content of surfactant on the skin penetration of meloxicam-loaded liposomes. International Journal of Nanomedicine, 2014, 9, 2005.	3.3	82
88	Terpene Composited Lipid Nanoparticles for Enhanced Dermal Delivery of All-<i>trans</i>-Retinoic Acids. Biological and Pharmaceutical Bulletin, 2014, 37, 1139-1148.	0.6	45
89	Terpene-Containing PEGylated Liposomes as Transdermal Carriers of a Hydrophilic Compound. Biological and Pharmaceutical Bulletin, 2014, 37, 1936-1943.	0.6	29
90	The Combination of Microneedles with Electroporation and Sonophoresis to Enhance Hydrophilic Macromolecule Skin Penetration. Biological and Pharmaceutical Bulletin, 2014, 37, 1373-1382.	0.6	42

#	Article	IF	Citations
91	One-enzyme catalyzed simultaneous plant cell disruption and conversion of released glycoside to aglycone combined with in situ product separation as green one-pot production of genipin from gardenia fruit. Enzyme and Microbial Technology, 2013, 53, 92-96.	1.6	23
92	Evaluation of Meloxicam-Loaded Cationic Transfersomes as Transdermal Drug Delivery Carriers. AAPS PharmSciTech, 2013, 14, 133-140.	1.5	92
93	Neomycin-loaded poly(styrene sulfonic acid-co-maleic acid) (PSSA-MA)/polyvinyl alcohol (PVA) ion exchange nanofibers for wound dressing materials. International Journal of Pharmaceutics, 2013, 448, 71-78.	2.6	72
94	Development and Characterization of Propranolol Selective Molecular Imprinted Polymer Composite Electrospun Nanofiber Membrane. AAPS PharmSciTech, 2013, 14, 838-846.	1.5	17
95	Thermally crosslinkable poly(styrene sulfonic acid-co-maleic acid) (PSSA-MA)/polyvinyl alcohol (PVA) ion-exchange fibers. Polymer Bulletin, 2013, 70, 1431-1444.	1.7	10
96	Cremophor RH40-PEG 400 microemulsions as transdermal drug delivery carrier for ketoprofen. Pharmaceutical Development and Technology, 2013, 18, 798-803.	1.1	30
97	Methylated N-(4-N,N-dimethylaminocinnamyl) chitosan-coated electrospray OVA-loaded microparticles for oral vaccination. International Journal of Pharmaceutics, 2013, 448, 19-27.	2.6	35
98	Visualization of ultradeformable liposomes penetration pathways and their skin interaction by confocal laser scanning microscopy. International Journal of Pharmaceutics, 2013, 441, 151-161.	2.6	53
99	Electrospun cellulose acetate nanofibers as thin layer chromatographic media for eco-friendly screening of steroids adulterated in traditional medicine and nutraceutical products. Talanta, 2013, 115, 208-213.	2.9	32
100	Fast, facile and ethidium bromide-free assay based on the use of adsorption indicator for the estimation of polyethylenimine to nucleic acid ratio of complete polyplex assembly for gene delivery. Talanta, 2013, 115, 241-245.	2.9	4
101	Fabrication and evaluation of cationic exchange nanofibers for controlled drug delivery systems. International Journal of Pharmaceutics, 2013, 450, 345-353.	2.6	19
102	Electrospun chitosan-based nanofiber mats loaded with Garcinia mangostana extracts. International Journal of Pharmaceutics, 2013, 452, 333-343.	2.6	129
103	Fabrication and properties of capsicum extract-loaded PVA and CA nanofiber patches. Pharmaceutical Development and Technology, 2013, 18, 1140-1147.	1.1	23
104	Chitosan Combined with Poly-L-arginine as Efficient, Safe, and Serum-Insensitive Vehicle with RNase Protection Ability for siRNA Delivery. BioMed Research International, 2013, 2013, 1-9.	0.9	17
105	Improvement of drug loading onto ion exchange resin by cyclodextrin inclusion complex. Drug Development and Industrial Pharmacy, 2013, 39, 1672-1680.	0.9	14
106	Oral Bases Containing Centella asiatica Extract: Formulations and Evaluations. Advanced Materials Research, 2012, 506, 501-504.	0.3	1
107	Development of NLCs for Topical ATRAs Applications. Advanced Materials Research, 2012, 506, 162-165.	0.3	0
108	Effect of Crosslinking Time on Ion Exchange Capacity of Polystyrene Nanofiber Ion Exchangers. Advanced Materials Research, 2012, 506, 437-440.	0.3	6

#	Article	IF	Citations
109	Development of Acrylic Matrix Type Ketoprofen Patch. Advanced Materials Research, 2012, 506, 533-536.	0.3	0
110	Structure Relationship of Cationic Lipids on Gene Transfection Mediated by Cationic Liposomes. AAPS PharmSciTech, 2012, 13, 1302-1308.	1.5	24
111	Ultradeformable liposomes with terpenes for delivery of hydrophilic compound. Journal of Liposome Research, 2012, 22, 254-262.	1.5	23
112	Operator care and eco-concerned development of a fast, facile and economical assay for basic nitrogenous drugs based on simplified ion-pair mini-scale extraction using safer solvent combined with drop-based spectrophotometry. Talanta, 2012, 98, 220-225.	2.9	3
113	â€œFrom safe source to safe sinkâ€•development of colorimetric assay for gabapentin in bulk drug and capsules using naturally derived genipin. Talanta, 2012, 99, 997-1003.	2.9	5
114	Methylated N-(4-N,N-dimethylaminobenzyl) chitosan coated liposomes for oral protein drug delivery. European Journal of Pharmaceutical Sciences, 2012, 47, 359-366.	1.9	42
115	Cationic niosomes composed of spermine-based cationic lipids mediate high gene transfection efficiency. Journal of Drug Targeting, 2012, 20, 783-792.	2.1	24
116	Nanostructured Lipid Carriers (NLC) for Parenteral Delivery of an Anticancer Drug. AAPS PharmSciTech, 2012, 13, 150-158.	1.5	89
117	Lysozyme-loaded, electrospun chitosan-based nanofiber mats for wound healing. International Journal of Pharmaceutics, 2012, 427, 379-384.	2.6	179
118	Effects of processing parameters on morphology of electrospun polystyrene nanofibers. Korean Journal of Chemical Engineering, 2012, 29, 173-181.	1.2	49
119	Microscale chemistry-based design of eco-friendly, reagent-saving and efficient pharmaceutical analysis: A miniaturized Volhard's titration for the assay of sodium chloride. Talanta, 2011, 85, 1324-1329.	2.9	6
120	The development of poly-L-arginine-coated liposomes for gene delivery. International Journal of Nanomedicine, 2011, 6, 2245.	3.3	18
121	Structureâ€“activity relationships of methylated N-aryl chitosan derivatives for enhancing paracellular permeability across Caco-2 cells. Carbohydrate Polymers, 2011, 83, 430-437.	5.1	9
122	Chitosan enhances transfection efficiency of cationic polypeptides/DNA complexes. International Journal of Pharmaceutics, 2011, 410, 161-168.	2.6	19
123	Fabrication of Capsaicin Loaded Polyvinyl Alcohol Electrospun Nanofibers. Advanced Materials Research, 2011, 338, 42-45.	0.3	4
124	Type and composition of surfactants mediating gene transfection of polyethylenimine-coated liposomes. International Journal of Nanomedicine, 2011, 6, 975.	3.3	14
125	Characterization and In Vitro Skin Permeation of Meloxicam-Loaded Liposomes versus Transfersomes. Journal of Drug Delivery, 2011, 2011, 1-9.	2.5	134
126	In vitro Permeability Enhancement in Intestinal Epithelial Cells (Caco-2) Monolayer of Water Soluble Quaternary Ammonium Chitosan Derivatives. AAPS PharmSciTech, 2010, 11, 497-508.	1.5	61

#	Article	IF	Citations
127	Stability of Fortified Cefazolin Ophthalmic Solutions Prepared in Artificial Tears Containing Surfactant-Based Versus Oxidant-Based Preservatives. Journal of Ocular Pharmacology and Therapeutics, 2010, 26, 485-490.	0.6	6
128	Preparation and characterization of chitosan-hydroxybenzotriazole/polyvinyl alcohol blend nanofibers by the electrospinning technique. Carbohydrate Polymers, 2010, 81, 675-680.	5.1	102
129	A simple, sensitive and green bienzymatic UV-spectrophotometric assay of amoxicillin formulations. Enzyme and Microbial Technology, 2010, 46, 292-296.	1.6	21
130	MethylatedN-(4-N,N-dimethylaminocinnamyl) chitosan enhances paracellular permeability across Caco-2 cells. Drug Delivery, 2010, 17, 301-312.	2.5	20
131	Ninhydrin reaction on thiol-reactive solid and its potential for the quantitation of d-penicillamine. Talanta, 2010, 82, 444-449.	2.9	7
132	Nucleic Acid Delivery with Chitosan Hydroxybenzotriazole. Oligonucleotides, 2010, 20, 127-136.	2.7	15
133	Oleic Acid enhances all-trans retinoic Acid loading in nano-lipid emulsions. PDA Journal of Pharmaceutical Science and Technology, 2010, 64, 113-23.	0.3	7
134	Nuclear localization signal peptides enhance transfection efficiency of chitosan/DNA complexes. International Journal of Pharmaceutics, 2009, 382, 291-295.	2.6	51
135	Methylated N-(4-N,N-dimethylaminobenzyl) chitosan as effective gene carriers: Effect of degree of substitution. Carbohydrate Polymers, 2009, 75, 143-149.	5.1	23
136	Development of Meloxicam-Loaded Electrospun Polyvinyl Alcohol Mats as a Transdermal Therapeutic Agent. Pharmaceutical Development and Technology, 2009, 14, 73-82.	1.1	72
137	Biodegradable alginate microparticles developed by electrohydrodynamic spraying techniques for oral delivery of protein. Journal of Microencapsulation, 2009, 26, 563-570.	1.2	72
138	Chitosan-Thiamine Pyrophosphate as a Novel Carrier for siRNA Delivery. Pharmaceutical Research, 2008, 25, 2807-2814.	1.7	67
139	Evaluation of chitosan salts as non-viral gene vectors in CHO-K1 cells. International Journal of Pharmaceutics, 2008, 348, 161-168.	2.6	104
140	Methylated N-(4-pyridinylmethyl) chitosan as a novel effective safe gene carrier. International Journal of Pharmaceutics, 2008, 364, 127-134.	2.6	32
141	Development and Characterization of Pectinate Micro/Nanoparticles for Gene Delivery. AAPS PharmSciTech, 2008, 9, 67-74.	1.5	87
142	Methylated N-(4-N,N-Dimethylaminobenzyl) Chitosan, a Novel Chitosan Derivative, Enhances Paracellular Permeability Across Intestinal Epithelial Cells (Caco-2). AAPS PharmSciTech, 2008, 9, 1143-1152.	1.5	22
143	Methylated N-(4-N,N-dimethylaminobenzyl) chitosan for novel effective gene carriers. European Journal of Pharmaceutics and Biopharmaceutics, 2008, 70, 207-214.	2.0	33
144	Evaluation of Simultaneous Permeation and Metabolism of Methyl Nicotinate in Human, Snake, and Shed Snake Skin. Pharmaceutical Development and Technology, 2008, 13, 75-83.	1.1	15

#	Article	IF	Citations
145	Characterization of a benzoylformate decarboxylase and a NAD+/NADP+â€dependent benzaldehyde dehydrogenase from Pseudomonas stutzeri STâ€201. FASEB Journal, 2008, 22, 1008.4.	0.2	0
146	Simultaneous permeation and metabolism of methyl nicotinate in human, snake, and shed snake skin. FASEB Journal, 2008, 22, 1198.2.	0.2	0
147	Methylated Nâ€(4â€N,Nâ€dimethylaminobenzyl) chitosan enhanced epithelial permeability. FASEB Journal, 2008, 22, 1198.1.	0.2	0
148	Isolation and characterization of a benzoylformate decarboxylase and a NAD+/NADP+-dependent benzaldehyde dehydrogenase involved in d-phenylglycine metabolism in Pseudomonas stutzeri ST-201. Biochimica Et Biophysica Acta - General Subjects, 2007, 1770, 1585-1592.	1.1	19
149	Effect of Salt Forms and Molecular Weight of Chitosans on In Vitro Permeability Enhancement in Intestinal Epithelial Cells (Caco-2). Pharmaceutical Development and Technology, 2007, 12, 447-455.	1.1	49
150	Camptothecin-incorporating N-phthaloylchitosan-g-mPEG self-assembly micellar system: Effect of degree of deacetylation. Colloids and Surfaces B: Biointerfaces, 2007, 60, 117-124.	2.5	47
151	N-Phthaloylchitosan-g-mPEG design for all-trans retinoic acid-loaded polymeric micelles. European Journal of Pharmaceutical Sciences, 2007, 30, 424-431.	1.9	42
152	Incorporation of camptothecin into N-phthaloyl chitosan-g-mPEG self-assembly micellar system. European Journal of Pharmaceutics and Biopharmaceutics, 2006, 64, 269-276.	2.0	87
153	Chitosan lactate as a nonviral gene delivery vector in COS-1 cells. AAPS PharmSciTech, 2006, 7, E74-E79.	1.5	51
154	Development of Chitosan Nanoparticles for Gene Delivery Using Electrohydrodynamic Spraying Techniques. Advanced Materials Research, 0, 194-196, 541-544.	0.3	0
155	Fabrication and Characterization of Chitosan-Ethylenediaminetetraacetic Acid/Polyvinyl Alcohol Blend Electrospun Nanofibers. Advanced Materials Research, 0, 194-196, 648-651.	0.3	7
156	Effect of Edge Activator on Characteristic and in Vitro Skin Permeation of Meloxicam Loaded in Elastic Liposomes. Advanced Materials Research, 0, 194-196, 537-540.	0.3	10
157	Application of Hollow Microneedle for Transdermal Delivery of Bovine Serum Albumin-Fluorescein Isothiocyanate Conjugate. Advanced Materials Research, 0, 338, 365-368.	0.3	2
158	Effects of Solution Parameters on Morphology and Diameter of Electrospun Polystyrene Nanofibers. Advanced Materials Research, 0, 194-196, 629-632.	0.3	3
159	Development of Greener and Safer Assays for Hydrochloride Drugs: Photometric Microtitration of Phenylpropanolamine Hydrochloride and Metformin Hydrochloride. Advanced Materials Research, 0, 361-363, 1892-1896.	0.3	0
160	The Influence of Cyclodextrin and pH on the Solubility of Ketoprofen. Advanced Materials Research, 0, 506, 433-436.	0.3	2
161	Development of Ketoprofen Microemulsion for Transdermal Drug Delivery. Advanced Materials Research, 0, 506, 441-444.	0.3	3
162	Application of Methylated <i>N</i>-(4-<i>N,N</i>-Dimethylaminocinnamyl) Chitosan for Oral Protein Drug Delivery. Advanced Materials Research, 0, 506, 465-468.	0.3	1

#	Article	IF	Citations
163	Factors Influencing the Morphology of Cellulose Acetate Electrospun Fiber Mats. Advanced Materials Research, 0, 506, 242-245.	0.3	1
164	Chitosan Coated Alginate Microparticles for Oral Vaccine Delivery. Advanced Materials Research, 0, 506, 469-472.	0.3	0
165	Effect of Limonene and 1,8 Cineole on the Skin Penetration of Fluorescein Sodium Deformable Liposomes. Advanced Materials Research, 0, 506, 449-452.	0.3	4
166	Effect of Surfactants on Characteristic and <i>In Vitro</i> Release of Meloxicam Loaded in Deformable Liposomes. Advanced Materials Research, 0, 506, 457-460.	0.3	2
167	Preparation of Chitosan-Thiamine Pyrophosphate/Polyvinyl Alcohol Blend Electrospun Nanofibers. Advanced Materials Research, 0, 506, 118-121.	0.3	5
168	Thermally Crosslinked Chitosan-EDTA/PVA Electrospun Nanofiber Mats: Crosslinking Conditions. Advanced Materials Research, 0, 1060, 192-195.	0.3	11
169	Quaternized Chitosans as Gene Delivery Carriers: Effect of Degree of Quaternization. Advanced Materials Research, 0, 1060, 17-20.	0.3	0
170	Niosomes Containing Spermine-Based Cationic Lipid with Different Linkers for siRNA Delivery. Key Engineering Materials, 0, 819, 169-174.	0.4	1
171	Catechol-Functionalized Succinyl Chitosan for Novel Mucoadhesive Drug Delivery. Key Engineering Materials, 0, 819, 21-26.	0.4	6
172	Catechol-Bearing Hyaluronic Acid Coated Polyvinyl Pyrrolidone/Hydroxyl Propyl-Î²-Cyclodextrin/Clotrimazole Nanofibers for Oral Candidiasis Treatment. Key Engineering Materials, 0, 819, 163-168.	0.4	8
173	Development and Evaluation of Thermally-Crosslinked Mucoadhesive Gantrez^{TM}S-97/Polyvinyl Alcohol/ Hyaluronic Acid-Catechol Nanofibers. Key Engineering Materials, 0, 859, 208-213.	0.4	0
174	The Effect of Spermidine and Spermine on Chitosan-Mediated Gene Delivery. Key Engineering Materials, 0, 859, 113-119.	0.4	0
175	Fabrication of a Floating Device of Domperidone Tablets Using 3D-Printing Technologies. Key Engineering Materials, 0, 859, 289-294.	0.4	8
176	<i>In Vitro</i> and <i>In Vivo</i> Evaluation of Amphiphilic Chitosan Derivatives for Inhibition of Organic Cation Transport Function. Key Engineering Materials, 0, 859, 45-50.	0.4	0
177	Studentsâ€™ Perspectives and Achievements toward Online Teaching of Medicinal Chemistry Courses at Pharmacy School in Thailand During the COVID-19 Pandemic. Journal of Chemical Education, 0, , .	1.1	4