

Tanasait Ngawhirunpat

List of Publications by Year in descending order

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111
papers

3,702
citations

109321

35
h-index

149698

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112
all docs

112
docs citations

112
times ranked

4943
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimal Design of Novel Microemulsions-Based Two-Layered Dissolving Microneedles for Delivering Fluconazole in Treatment of Fungal Eye Infection. <i>Pharmaceutics</i> , 2022, 14, 472.	4.5	17
2	Synthesis of Polyethylene Glycol Diacrylate/Acrylic Acid Nanoparticles as Nanocarriers for the Controlled Delivery of Doxorubicin to Colorectal Cancer Cells. <i>Pharmaceutics</i> , 2022, 14, 479.	4.5	10
3	Maleimide-functionalized carboxymethyl cellulose: A novel mucoadhesive polymer for transmucosal drug delivery. <i>Carbohydrate Polymers</i> , 2022, 288, 119368.	10.2	10
4	Development of Ultradeformable Liposomes with Fatty Acids for Enhanced Dermal Rosmarinic Acid Delivery. <i>Pharmaceutics</i> , 2021, 13, 404.	4.5	11
5	Hair growth promoting effect of bioactive extract from deer antler velvet-loaded niosomes and microspicules serum. <i>International Journal of Pharmaceutics</i> , 2021, 597, 120352.	5.2	15
6	Development and Evaluation of Novel Water-Based Drug-in-Adhesive Patches for the Transdermal Delivery of Ketoprofen. <i>Pharmaceutics</i> , 2021, 13, 789.	4.5	8
7	Design and Optimization of 3D-Printed Gastroretentive Floating Devices by Central Composite Design. <i>AAPS PharmSciTech</i> , 2021, 22, 197.	3.3	13
8	Feasibility of chitosan-based nanoparticles approach for intranasal immunisation of live attenuated Japanese encephalitis vaccine. <i>International Journal of Biological Macromolecules</i> , 2021, 183, 1096-1105.	7.5	15
9	Metronidazole-loaded polylactide stereocomplex electrospun nanofiber mats for treatment of periodontal disease. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 64, 102582.	3.0	6
10	Synthesis of novel N-vinylpyrrolidone/acrylic acid nanoparticles as drug delivery carriers of cisplatin to cancer cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 185, 110566.	5.0	19
11	HPMC/PVP Dissolving Microneedles: a Promising Delivery Platform to Promote Trans-Epidermal Delivery of Alpha-Arbutin for Skin Lightening. <i>AAPS PharmSciTech</i> , 2020, 21, 25.	3.3	40
12	Effect of hydrophobic tails of plier-like cationic lipids on nucleic acid delivery and intracellular trafficking. <i>International Journal of Pharmaceutics</i> , 2020, 573, 118798.	5.2	8
13	Rapid synthesis of chitosan-capped gold nanoparticles for analytical application and facile recovery of gold from laboratory waste. <i>Carbohydrate Polymers</i> , 2020, 250, 116983.	10.2	8
14	Three-dimensional (3D)-printed devices composed of hydrophilic cap and hydrophobic body for improving buoyancy and gastric retention of domperidone tablets. <i>European Journal of Pharmaceutical Sciences</i> , 2020, 155, 105555.	4.0	16
15	Influence of nanofiber alignment on the release of a water-soluble drug from cellulose acetate nanofibers. <i>Saudi Pharmaceutical Journal</i> , 2020, 28, 1210-1216.	2.7	18
16	Catechol-modified chitosan/hyaluronic acid nanoparticles as a new avenue for local delivery of doxorubicin to oral cancer cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 196, 111279.	5.0	63
17	Catechol-Functionalized Alginate Nanoparticles as Mucoadhesive Carriers for Intravesical Chemotherapy. <i>AAPS PharmSciTech</i> , 2020, 21, 212.	3.3	18
18	Preactivated-thiolated polyacrylic acid/1-vinyl pyrrolidone nanoparticles as nicotine carriers for smoking cessation. <i>RSC Advances</i> , 2020, 10, 33517-33525.	3.6	2

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19	Fabrication, characterization and comparison of $\hat{\pm}$ -arbutin loaded dissolving and hydrogel forming microneedles. <i>International Journal of Pharmaceutics</i> , 2020, 586, 119508.	5.2	47
20	Development of Sponge Microspicule Cream as a Transdermal Delivery System for Protein and Growth Factors from Deer Antler Velvet Extract. <i>Biological and Pharmaceutical Bulletin</i> , 2019, 42, 1207-1215.	1.4	18
21	Finasteride Enhances Stem Cell Signals of Human Dermal Papilla Cells. <i>In Vivo</i> , 2019, 33, 1209-1220.	1.3	14
22	Fabrication and characterization of andrographolide analogue (3A.1) nanosuspensions stabilized by amphiphilic chitosan derivatives for colorectal cancer therapy. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 54, 101287.	3.0	16
23	Smartphone-based Ellman's colourimetric methods for the analysis of d-penicillamine formulation and thiolated polymer. <i>International Journal of Pharmaceutics</i> , 2019, 558, 120-127.	5.2	30
24	Development of Microemulsions and Microemulgels for Enhancing Transdermal Delivery of <i>Kaempferia parviflora</i> Extract. <i>AAPS PharmSciTech</i> , 2018, 19, 2058-2067.	3.3	13
25	Green, fast and cheap paper-based method for estimating equivalence ratio of cationic carriers to DNA in gene delivery formulations. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 115, 204-211.	4.0	5
26	Enrichment of gamma-aminobutyric acid in bean sprouts: Exploring biosynthesis of plant metabolite using common household reagents. <i>Biochemistry and Molecular Biology Education</i> , 2018, 46, 155-161.	1.2	2
27	Cationic Niosomes for Enhanced Skin Immunization of Plasmid DNA-Encoding Ovalbumin via Hollow Microneedles. <i>AAPS PharmSciTech</i> , 2018, 19, 481-488.	3.3	35
28	Enhancement of Galantamine HBr Skin Permeation Using Sonophoresis and Limonene-Containing PEGylated Liposomes. <i>AAPS PharmSciTech</i> , 2018, 19, 1093-1104.	3.3	14
29	Development of Chitosan-Based pH-Sensitive Polymeric Micelles Containing Curcumin for Colon-Targeted Drug Delivery. <i>AAPS PharmSciTech</i> , 2018, 19, 991-1000.	3.3	79
30	6-Maleimidohexanoic acid-grafted chitosan: A new generation mucoadhesive polymer. <i>Carbohydrate Polymers</i> , 2018, 202, 258-264.	10.2	41
31	Fast, affordable and eco-friendly enzyme kinetic method for the assay of $\hat{\pm}$ -ketoglutaric acid in medical product and sports supplements. <i>Enzyme and Microbial Technology</i> , 2018, 116, 72-76.	3.2	3
32	Dissolving polymeric microneedle arrays for enhanced site-specific acyclovir delivery. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 121, 200-209.	4.0	68
33	Cationic niosomes an effective gene carrier composed of novel spermine-derivative cationic lipids: effect of central core structures. <i>Pharmaceutical Development and Technology</i> , 2017, 22, 350-359.	2.4	13
34	Development and evaluation of N-naphthyl-N,O-succinyl chitosan micelles containing clotrimazole for oral candidiasis treatment. <i>Pharmaceutical Development and Technology</i> , 2017, 22, 184-190.	2.4	7
35	Interaction of pharmaceutical excipients with organic cation transporters. <i>International Journal of Pharmaceutics</i> , 2017, 520, 14-20.	5.2	8
36	Enhancement of Skin Permeation and Skin Immunization of Ovalbumin Antigen via Microneedles. <i>AAPS PharmSciTech</i> , 2017, 18, 2418-2426.	3.3	6

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37	Computational design strategy: an approach to enhancing the transdermal delivery of optimal capsaicin-loaded transinvasomes. <i>Drug Development and Industrial Pharmacy</i> , 2017, 43, 98-107.	2.0	7
38	Influence of sonophoresis on transdermal drug delivery of hydrophilic compound-loaded lipid nanocarriers. <i>Pharmaceutical Development and Technology</i> , 2017, 22, 597-605.	2.4	12
39	Development of a novel microemulsion for oral absorption enhancement of all-trans retinoic acid. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 5585-5599.	6.7	50
40	A combined approach of hollow microneedles and nanocarriers for skin immunization with plasmid DNA encoding ovalbumin. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 885-898.	6.7	29
41	Application of Design Expert for the investigation of capsaicin-loaded microemulsions for transdermal delivery. <i>Pharmaceutical Development and Technology</i> , 2016, 21, 1-8.	2.4	6
42	Fabrication of Chromatographic Devices for Screening Cosmetics for Hydroquinone and Retinoic Acid as a Chemistry Project To Connect with the Community. <i>Journal of Chemical Education</i> , 2016, 93, 1894-1899.	2.3	1
43	pH-Responsive polymeric micelles based on amphiphilic chitosan derivatives: Effect of hydrophobic cores on oral meloxicam delivery. <i>International Journal of Pharmaceutics</i> , 2016, 497, 150-160.	5.2	54
44	Fabrication and Evaluation of Nanostructured Herbal Oil/Hydroxypropyl- β -Cyclodextrin/Polyvinylpyrrolidone Mats for Denture Stomatitis Prevention and Treatment. <i>AAPS PharmSciTech</i> , 2016, 17, 1441-1449.	3.3	19
45	Aligned Electrospun Polyvinyl Pyrrolidone/Poly ϵ -Caprolactone Blend Nanofiber Mats for Tissue Engineering. <i>International Journal of Nanoscience</i> , 2016, 15, 1650005.	0.7	11
46	Mechanistic study of decreased skin penetration using a combination of sonophoresis with sodium fluorescein-loaded PEGylated liposomes with D-limonene. <i>International Journal of Nanomedicine</i> , 2015, 10, 7413.	6.7	6
47	Effect of liposomal fluidity on skin permeation of sodium fluorescein entrapped in liposomes. <i>International Journal of Nanomedicine</i> , 2015, 10, 4581.	6.7	14
48	Fabrication of mucoadhesive chitosan coated polyvinylpyrrolidone/cyclodextrin/clotrimazole sandwich patches for oral candidiasis. <i>Carbohydrate Polymers</i> , 2015, 132, 173-179.	10.2	59
49	Fast releasing oral electrospun PVP/CD nanofiber mats of taste-masked meloxicam. <i>International Journal of Pharmaceutics</i> , 2015, 487, 213-222.	5.2	103
50	Fabrication and In Vitro/In Vivo Performance of Mucoadhesive Electrospun Nanofiber Mats Containing β -Mangostin. <i>AAPS PharmSciTech</i> , 2015, 16, 1140-1152.	3.3	33
51	Mucoadhesive electrospun chitosan-based nanofibre mats for dental caries prevention. <i>Carbohydrate Polymers</i> , 2015, 117, 933-940.	10.2	68
52	Fabrication of a novel scaffold of clotrimazole-microemulsion-containing nanofibers using an electrospinning process for oral candidiasis applications. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 126, 18-25.	5.0	54
53	Reused cyclodextrin as a new way to deliver and enhance drug loading onto ion exchange resin. <i>Pharmaceutical Development and Technology</i> , 2015, 20, 827-838.	2.4	3
54	Lysozyme-immobilized electrospun PAMA/PVA and PSSA-MA/PVA ion-exchange nanofiber for wound healing. <i>Pharmaceutical Development and Technology</i> , 2015, 20, 976-983.	2.4	17

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55	Investigation of the mechanism of enhanced skin penetration by ultradeformable liposomes. <i>International Journal of Nanomedicine</i> , 2014, 9, 3539.	6.7	26
56	Polymeric Micelles for Enhanced Solubility of Meloxicam in Oral Drug Delivery. <i>Advanced Materials Research</i> , 2014, 1060, 7-11.	0.3	1
57	Electrospun chitosan/polyvinyl alcohol nanofibre mats for wound healing. <i>International Wound Journal</i> , 2014, 11, 215-222.	2.9	97
58	All-trans retinoic acid-loaded lipid nanoparticles as a transdermal drug delivery carrier. <i>Pharmaceutical Development and Technology</i> , 2014, 19, 164-172.	2.4	36
59	Fast-Acting Clotrimazole Compositated PVP/HP β CD Nanofibers for Oral Candidiasis Application. <i>Pharmaceutical Research</i> , 2014, 31, 1893-1906.	3.5	34
60	Uniaxially aligned electrospun cellulose acetate nanofibers for thin layer chromatographic screening of hydroquinone and retinoic acid adulterated in cosmetics. <i>Journal of Chromatography A</i> , 2014, 1367, 141-147.	3.7	17
61	Nonionic Surfactant Vesicles Composed of Novel Spermine-Derivative Cationic Lipids as an Effective Gene Carrier In Vitro. <i>AAPS PharmSciTech</i> , 2014, 15, 722-730.	3.3	27
62	Bootstrap Resampling Technique to Evaluate the Reliability of the Optimal Liposome Formulation: Skin Permeability and Stability Response Variables. <i>Biological and Pharmaceutical Bulletin</i> , 2014, 37, 1543-1549.	1.4	5
63	Role of the charge, carbon chain length, and content of surfactant on the skin penetration of meloxicam-loaded liposomes. <i>International Journal of Nanomedicine</i> , 2014, 9, 2005.	6.7	82
64	Comparative Study of Novel Ultradeformable Liposomes: Menthosomes, Transfersomes and Liposomes for Enhancing Skin Permeation of Meloxicam. <i>Biological and Pharmaceutical Bulletin</i> , 2014, 37, 239-247.	1.4	57
65	Role of Simplex Lattice Statistical Design in the Formulation and Optimization of Microemulsions for Transdermal Delivery. <i>Biological and Pharmaceutical Bulletin</i> , 2014, 37, 1948-1957.	1.4	31
66	Evaluation of Meloxicam-Loaded Cationic Transfersomes as Transdermal Drug Delivery Carriers. <i>AAPS PharmSciTech</i> , 2013, 14, 133-140.	3.3	92
67	Neomycin-loaded poly(styrene sulfonic acid-co-maleic acid) (PSSA-MA)/polyvinyl alcohol (PVA) ion exchange nanofibers for wound dressing materials. <i>International Journal of Pharmaceutics</i> , 2013, 448, 71-78.	5.2	72
68	Development and Characterization of Propranolol Selective Molecular Imprinted Polymer Composite Electrospun Nanofiber Membrane. <i>AAPS PharmSciTech</i> , 2013, 14, 838-846.	3.3	17
69	Thermally crosslinkable poly(styrene sulfonic acid-co-maleic acid) (PSSA-MA)/polyvinyl alcohol (PVA) ion-exchange fibers. <i>Polymer Bulletin</i> , 2013, 70, 1431-1444.	3.3	10
70	Cremophor RH40-PEG 400 microemulsions as transdermal drug delivery carrier for ketoprofen. <i>Pharmaceutical Development and Technology</i> , 2013, 18, 798-803.	2.4	30
71	Methylated N-(4-N,N-dimethylaminocinnamyl) chitosan-coated electrospray OVA-loaded microparticles for oral vaccination. <i>International Journal of Pharmaceutics</i> , 2013, 448, 19-27.	5.2	35
72	Electrospun chitosan-based nanofiber mats loaded with <i>Garcinia mangostana</i> extracts. <i>International Journal of Pharmaceutics</i> , 2013, 452, 333-343.	5.2	129

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73	Fabrication and properties of capsicum extract-loaded PVA and CA nanofiber patches. <i>Pharmaceutical Development and Technology</i> , 2013, 18, 1140-1147.	2.4	23
74	Chitosan Combined with Poly-L-arginine as Efficient, Safe, and Serum-Insensitive Vehicle with RNase Protection Ability for siRNA Delivery. <i>BioMed Research International</i> , 2013, 2013, 1-9.	1.9	17
75	Improvement of drug loading onto ion exchange resin by cyclodextrin inclusion complex. <i>Drug Development and Industrial Pharmacy</i> , 2013, 39, 1672-1680.	2.0	14
76	Structure Relationship of Cationic Lipids on Gene Transfection Mediated by Cationic Liposomes. <i>AAPS PharmSciTech</i> , 2012, 13, 1302-1308.	3.3	24
77	Cationic niosomes composed of spermine-based cationic lipids mediate high gene transfection efficiency. <i>Journal of Drug Targeting</i> , 2012, 20, 783-792.	4.4	24
78	Nanostructured Lipid Carriers (NLC) for Parenteral Delivery of an Anticancer Drug. <i>AAPS PharmSciTech</i> , 2012, 13, 150-158.	3.3	89
79	Lysozyme-loaded, electrospun chitosan-based nanofiber mats for wound healing. <i>International Journal of Pharmaceutics</i> , 2012, 427, 379-384.	5.2	179
80	Effects of processing parameters on morphology of electrospun polystyrene nanofibers. <i>Korean Journal of Chemical Engineering</i> , 2012, 29, 173-181.	2.7	49
81	Chitosan enhances transfection efficiency of cationic polypeptides/DNA complexes. <i>International Journal of Pharmaceutics</i> , 2011, 410, 161-168.	5.2	19
82	Fabrication of Capsaicin Loaded Polyvinyl Alcohol Electrospun Nanofibers. <i>Advanced Materials Research</i> , 2011, 338, 42-45.	0.3	4
83	Characterization and <i>In Vitro</i> Skin Permeation of Meloxicam-Loaded Liposomes versus Transfersomes. <i>Journal of Drug Delivery</i> , 2011, 2011, 1-9.	2.5	134
84	Preparation and characterization of chitosan-hydroxybenzotriazole/polyvinyl alcohol blend nanofibers by the electrospinning technique. <i>Carbohydrate Polymers</i> , 2010, 81, 675-680.	10.2	102
85	Nucleic Acid Delivery with Chitosan Hydroxybenzotriazole. <i>Oligonucleotides</i> , 2010, 20, 127-136.	2.7	15
86	Antioxidant, free radical-scavenging activity and cytotoxicity of different solvent extracts and their phenolic constituents from the fruit hull of mangosteen (<i>Garcinia mangostana</i>). <i>Pharmaceutical Biology</i> , 2010, 48, 55-62.	2.9	53
87	Free radical-scavenging activity of different solvent extracts from fruit hull of mangosteen. <i>FASEB Journal</i> , 2010, 24, 760.6.	0.5	0
88	Oleic Acid enhances all-trans retinoic Acid loading in nano-lipid emulsions. <i>PDA Journal of Pharmaceutical Science and Technology</i> , 2010, 64, 113-23.	0.5	7
89	Nuclear localization signal peptides enhance transfection efficiency of chitosan/DNA complexes. <i>International Journal of Pharmaceutics</i> , 2009, 382, 291-295.	5.2	51
90	Incorporation methods for cholic acid chitosan-g-mPEG self-assembly micellar system containing camptothecin. <i>Colloids and Surfaces B: Biointerfaces</i> , 2009, 74, 253-259.	5.0	43

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91	Methylated N-(4-N,N-dimethylaminobenzyl) chitosan as effective gene carriers: Effect of degree of substitution. <i>Carbohydrate Polymers</i> , 2009, 75, 143-149.	10.2	23
92	Development of Meloxicam-Loaded Electrospun Polyvinyl Alcohol Mats as a Transdermal Therapeutic Agent. <i>Pharmaceutical Development and Technology</i> , 2009, 14, 73-82.	2.4	72
93	Biodegradable alginate microparticles developed by electrohydrodynamic spraying techniques for oral delivery of protein. <i>Journal of Microencapsulation</i> , 2009, 26, 563-570.	2.8	72
94	Chitosan-Thiamine Pyrophosphate as a Novel Carrier for siRNA Delivery. <i>Pharmaceutical Research</i> , 2008, 25, 2807-2814.	3.5	67
95	Evaluation of chitosan salts as non-viral gene vectors in CHO-K1 cells. <i>International Journal of Pharmaceutics</i> , 2008, 348, 161-168.	5.2	104
96	Methylated N-(4-pyridinylmethyl) chitosan as a novel effective safe gene carrier. <i>International Journal of Pharmaceutics</i> , 2008, 364, 127-134.	5.2	32
97	Methylated N-(4-N,N-dimethylaminobenzyl) chitosan for novel effective gene carriers. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2008, 70, 207-214.	4.3	33
98	Evaluation of Simultaneous Permeation and Metabolism of Methyl Nicotinate in Human, Snake, and Shed Snake Skin. <i>Pharmaceutical Development and Technology</i> , 2008, 13, 75-83.	2.4	15
99	Simultaneous permeation and metabolism of methyl nicotinate in human, snake, and shed snake skin. <i>FASEB Journal</i> , 2008, 22, 1198.2.	0.5	0
100	Electrospun poly(vinyl alcohol) fiber mats as carriers for extracts from the fruit hull of mangosteen. <i>Journal of Cosmetic Science</i> , 2008, 59, 233-42.	0.1	23
101	Camptothecin-incorporating N-phthaloylchitosan-g-mPEG self-assembly micellar system: Effect of degree of deacetylation. <i>Colloids and Surfaces B: Biointerfaces</i> , 2007, 60, 117-124.	5.0	47
102	N-Phthaloylchitosan-g-mPEG design for all-trans retinoic acid-loaded polymeric micelles. <i>European Journal of Pharmaceutical Sciences</i> , 2007, 30, 424-431.	4.0	42
103	Physicochemical properties of lipid emulsions formulated with high-load all-trans-retinoic acid. <i>PDA Journal of Pharmaceutical Science and Technology</i> , 2007, 61, 461-71.	0.5	9
104	Incorporation of camptothecin into N-phthaloyl chitosan-g-mPEG self-assembly micellar system. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2006, 64, 269-276.	4.3	87
105	Chitosan lactate as a nonviral gene delivery vector in COS-1 cells. <i>AAPS PharmSciTech</i> , 2006, 7, E74-E79.	3.3	51
106	Antioxidative and Neuroprotective Activities of Extracts from the Fruit Hull of Mangosteen (<i>Garcinia mangostana</i> Linn.). <i>Medical Principles and Practice</i> , 2006, 15, 281-287.	2.4	85
107	Comparison of skin transport and metabolism of ethyl nicotinate in various species. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2004, 58, 645-651.	4.3	21
108	Development of Chitosan Nanoparticles for Gene Delivery Using Electrohydrodynamic Spraying Techniques. <i>Advanced Materials Research</i> , 0, 194-196, 541-544.	0.3	0

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109	Fabrication and Characterization of Chitosan-Ethylenediaminetetraacetic Acid/Polyvinyl Alcohol Blend Electrospun Nanofibers. <i>Advanced Materials Research</i> , 0, 194-196, 648-651.	0.3	7
110	Chitosan Coated Alginate Microparticles for Oral Vaccine Delivery. <i>Advanced Materials Research</i> , 0, 506, 469-472.	0.3	0
111	Preparation of Chitosan-Thiamine Pyrophosphate/Polyvinyl Alcohol Blend Electrospun Nanofibers. <i>Advanced Materials Research</i> , 0, 506, 118-121.	0.3	5