

Warayuth Sajomsang

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/6433396/warayuth-sajomsang-publications-by-year.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

52
papers

2,041
citations

27
h-index

45
g-index

53
ext. papers

2,207
ext. citations

6.9
avg, IF

4.85
L-index

#	Paper	IF	Citations
52	A kinetic and thermodynamic study of lac dye adsorption on silk yarn coated with microcrystalline chitosan. <i>Coloration Technology</i> , 2019 , 135, 224-233	2	6
51	Silk Sericin Semi-interpenetrating Network Hydrogels Based on PEG-Diacrylate for Wound Healing Treatment. <i>International Journal of Polymer Science</i> , 2019 , 2019, 1-10	2.4	11
50	Development of Chitosan-Based pH-Sensitive Polymeric Micelles Containing Curcumin for Colon-Targeted Drug Delivery. <i>AAPS PharmSciTech</i> , 2018 , 19, 991-1000	3.9	59
49	Biocompatibility study of quaternized chitosan on the proliferation and differentiation of Caco-2 cells as an in vitro model of the intestinal barrier. <i>Journal of Bioactive and Compatible Polymers</i> , 2017 , 32, 92-107	2	5
48	Super-paramagnetic loaded nanoparticles based on biological macromolecules for in vivo targeted MR imaging. <i>International Journal of Biological Macromolecules</i> , 2016 , 86, 233-41	7.9	9
47	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, 150-60	6.5	45
46	Phospholipid-chitosan hybrid nanoliposomes promoting cell entry for drug delivery against cervical cancer. <i>Journal of Colloid and Interface Science</i> , 2016 , 480, 240-248	9.3	19
45	Layer-by-layer engineered nanocapsules of curcumin with improved cell activity. <i>International Journal of Pharmaceutics</i> , 2015 , 492, 92-102	6.5	27
44	Synthesis and characterization of pH-responsive N-naphthyl-N,O-succinyl chitosan micelles for oral meloxicam delivery. <i>Carbohydrate Polymers</i> , 2015 , 121, 99-106	10.3	40
43	Chitosan-triphosphate nanoparticles for encapsulation of super-paramagnetic iron oxide as an MRI contrast agent. <i>Carbohydrate Polymers</i> , 2014 , 104, 231-7	10.3	57
42	Synthesis and anticervical cancer activity of novel pH responsive micelles for oral curcumin delivery. <i>International Journal of Pharmaceutics</i> , 2014 , 477, 261-72	6.5	40
41	Synthesis and fluorescence properties of N-substituted 1-cyanobenz[f]isoindole chitosan polymers and nanoparticles for live cell imaging. <i>Biomacromolecules</i> , 2014 , 15, 2879-88	6.9	9
40	Effect of N-pyridinium positions of quaternized chitosan on transfection efficiency in gene delivery system. <i>Carbohydrate Polymers</i> , 2014 , 104, 17-22	10.3	11
39	N-Benzyl Chitosan In Situ Forming Antimicrobial Gel for Periodontitis Treatment. <i>Advanced Materials Research</i> , 2014 , 1060, 159-163	0.5	
38	Polymeric Micelles for Enhanced Solubility of Meloxicam in Oral Drug Delivery. <i>Advanced Materials Research</i> , 2014 , 1060, 7-11	0.5	0
37	Effects of molecular weight and pyridinium moiety on water-soluble chitosan derivatives for mediated gene delivery. <i>Carbohydrate Polymers</i> , 2013 , 91, 508-17	10.3	26
36	A comparison of spacer on water-soluble cyclodextrin grafted chitosan inclusion complex as carrier of eugenol to mucosae. <i>Carbohydrate Polymers</i> , 2013 , 92, 321-7	10.3	17

35	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	6.5	27
34	Chitosan-based intelligent theragnosis nanocomposites enable pH-sensitive drug release with MR-guided imaging for cancer therapy. <i>Nanoscale Research Letters</i> , 2013 , 8, 467	5	56
33	Chitosan and its quaternized derivative as effective long dsRNA carriers targeting shrimp virus in <i>Spodoptera frugiperda</i> 9 cells. <i>Journal of Biotechnology</i> , 2012 , 160, 97-104	3.7	23
32	Antifungal property of quaternized chitosan and its derivatives. <i>International Journal of Biological Macromolecules</i> , 2012 , 50, 263-9	7.9	61
31	Applications of magnetic resonance spectroscopy to chitin from insect cuticles. <i>International Journal of Biological Macromolecules</i> , 2012 , 51, 514-22	7.9	43
30	Water-soluble β -cyclodextrin grafted with chitosan and its inclusion complex as a mucoadhesive eugenol carrier. <i>Carbohydrate Polymers</i> , 2012 , 89, 623-31	10.3	59
29	Application of Methylated N-(4-N,N-Dimethylaminocinnamyl) Chitosan for Oral Protein Drug Delivery. <i>Advanced Materials Research</i> , 2012 , 506, 465-468	0.5	
28	Self-aggregates formation and mucoadhesive property of water-soluble β -cyclodextrin grafted with chitosan. <i>International Journal of Biological Macromolecules</i> , 2011 , 48, 589-95	7.9	33
27	A water-soluble methylated N-(4-N,N-dimethylaminocinnamyl) chitosan chloride as novel mucoadhesive polymeric nanocomplex platform for sustained-release drug delivery. <i>Carbohydrate Polymers</i> , 2011 , 83, 1263-1273	10.3	16
26	Structure-activity relationships of methylated N-aryl chitosan derivatives for enhancing paracellular permeability across Caco-2 cells. <i>Carbohydrate Polymers</i> , 2011 , 83, 430-437	10.3	8
25	Novel quaternized chitosan containing β -cyclodextrin moiety: Synthesis, characterization and antimicrobial activity. <i>Carbohydrate Polymers</i> , 2011 , 83, 905-913	10.3	79
24	Effect of citrate spacer on mucoadhesive properties of a novel water-soluble cationic β -cyclodextrin-conjugated chitosan. <i>Carbohydrate Polymers</i> , 2011 , 84, 186-194	10.3	29
23	N,N,N-Trimethyl chitosan nanoparticles for the delivery of monoclonal antibodies against hepatocellular carcinoma cells. <i>Carbohydrate Polymers</i> , 2011 , 85, 215-220	10.3	35
22	Nano-polyplex as a non-viral gene carrier for the expression of bone morphogenetic protein in osteoblastic cells. <i>Carbohydrate Polymers</i> , 2011 , 86, 587-593	10.3	3
21	Gold/cationic polymer nano-scaffolds mediated transfection for non-viral gene delivery system. <i>Carbohydrate Polymers</i> , 2011 , 84, 216-222	10.3	19
20	Methylated N-(4-N,N-dimethylaminocinnamyl) chitosan enhances paracellular permeability across Caco-2 cells. <i>Drug Delivery</i> , 2010 , 17, 301-12	7	19
19	Loading of curcumin in polyelectrolyte multilayers. <i>Langmuir</i> , 2010 , 26, 6869-73	4	26
18	In vitro permeability enhancement in intestinal epithelial cells (Caco-2) monolayer of water soluble quaternary ammonium chitosan derivatives. <i>AAPS PharmSciTech</i> , 2010 , 11, 497-508	3.9	51

17	Investigation of gene transferring efficacy through nano-polyplex consisting of methylated N-(4-pyridinylmethyl) chitosan chloride and poly(ethylenimine) in human cell lines. <i>Carbohydrate Polymers</i> , 2010 , 80, 276-284	10.3	6
16	Preparation and characterization of chitin from cicada sloughs. <i>Materials Science and Engineering C</i> , 2010 , 30, 357-363	8.3	144
15	Synthetic methods and applications of chitosan containing pyridylmethyl moiety and its quaternized derivatives: A review. <i>Carbohydrate Polymers</i> , 2010 , 80, 631-647	10.3	76
14	Quaternization of N-(3-pyridylmethyl) chitosan derivatives: Effects of the degree of quaternization, molecular weight and ratio of N-methylpyridinium and N,N,N-trimethyl ammonium moieties on bactericidal activity. <i>Carbohydrate Polymers</i> , 2010 , 82, 1143-1152	10.3	76
13	Methylated N-aryl chitosan derivative/DNA complex nanoparticles for gene delivery: Synthesis and structure-activity relationships. <i>Carbohydrate Polymers</i> , 2009 , 78, 743-752	10.3	32
12	Quaternization of N-aryl chitosan derivatives: synthesis, characterization, and antibacterial activity. <i>Carbohydrate Research</i> , 2009 , 344, 2502-11	2.9	130
11	Mucoadhesive property and biocompatibility of methylated N-aryl chitosan derivatives. <i>Carbohydrate Polymers</i> , 2009 , 78, 945-952	10.3	37
10	Synthesis and antibacterial activity of methylated N-(4-N,N-dimethylaminocinnamyl) chitosan chloride. <i>European Polymer Journal</i> , 2009 , 45, 2319-2328	5.2	68
9	Methylated N-(4-N,N-dimethylaminobenzyl) chitosan as effective gene carriers: Effect of degree of substitution. <i>Carbohydrate Polymers</i> , 2009 , 75, 143-149	10.3	20
8	Antibacterial activity of quaternary ammonium chitosan containing mono or disaccharide moieties: preparation and characterization. <i>International Journal of Biological Macromolecules</i> , 2009 , 44, 419-27	7.9	130
7	Synthesis and characterization of N-aryl chitosan derivatives. <i>International Journal of Biological Macromolecules</i> , 2008 , 43, 79-87	7.9	58
6	Methylated N-(4-N,N-dimethylaminobenzyl) chitosan for novel effective gene carriers. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2008 , 70, 207-14	5.7	33
5	Synthesis of methylated chitosan containing aromatic moieties: Chemoselectivity and effect on molecular weight. <i>Carbohydrate Polymers</i> , 2008 , 72, 740-750	10.3	76
4	Methylated N-(4-pyridinylmethyl) chitosan as a novel effective safe gene carrier. <i>International Journal of Pharmaceutics</i> , 2008 , 364, 127-34	6.5	31
3	Methylated N-(4-N,N-dimethylaminobenzyl) chitosan, a novel chitosan derivative, enhances paracellular permeability across intestinal epithelial cells (Caco-2). <i>AAPS PharmSciTech</i> , 2008 , 9, 1143-52	3.9	20
2	Anticoagulant activity of a sulfated chitosan. <i>Carbohydrate Research</i> , 2002 , 337, 1239-42	2.9	136
1	Physicochemical investigation of the enhanced removal of methylene blue from aqueous solution using polydopamine/silver nanoparticles. <i>Journal of the Textile Institute</i> , 1-12	1.5	