

# Chunmeng Sun

## List of Publications by Year in descending order

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58  
papers

2,031  
citations

236612

25  
h-index

253896

43  
g-index

61  
all docs

61  
docs citations

61  
times ranked

3300  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mild photothermal therapy potentiates anti-PD-L1 treatment for immunologically cold tumors via an all-in-one and all-in-control strategy. <i>Nature Communications</i> , 2019, 10, 4871.	5.8	377
2	Glutathione-Responsive Prodrug Nanoparticles for Effective Drug Delivery and Cancer Therapy. <i>ACS Nano</i> , 2019, 13, 357-370.	7.3	204
3	Improving the topical ocular pharmacokinetics of lyophilized cyclosporine A-loaded micelles: formulation, <i>in vitro</i> and <i>in vivo</i> studies. <i>Drug Delivery</i> , 2018, 25, 888-899.	2.5	67
4	A Poly( $\beta$ -L-glutamic acid)-citric acid based nanoconjugate for cisplatin delivery. <i>Biomaterials</i> , 2012, 33, 7182-7193.	5.7	65
5	Acid-sensitive hybrid polymeric micelles containing a reversibly activatable cell-penetrating peptide for tumor-specific cytoplasm targeting. <i>Journal of Controlled Release</i> , 2018, 279, 147-156.	4.8	61
6	Versatile redox-sensitive pullulan nanoparticles for enhanced liver targeting and efficient cancer therapy. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018, 14, 1005-1017.	1.7	59
7	Preparation and <i>in vitro</i> characterization of thermosensitive and mucoadhesive hydrogels for nasal delivery of phenylephrine hydrochloride. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014, 88, 998-1004.	2.0	58
8	Noninvasive nanoparticle strategies for brain tumor targeting. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 2605-2621.	1.7	57
9	Novel pH-sensitive charge-reversal cell penetrating peptide conjugated PEG-PLA micelles for docetaxel delivery: <i>In vitro</i> study. <i>International Journal of Pharmaceutics</i> , 2014, 466, 233-245.	2.6	55
10	Redox-responsive micelles from disulfide bond-bridged hyaluronic acid-tocopherol succinate for the treatment of melanoma. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018, 14, 713-723.	1.7	53
11	A novel tumor-targeted delivery system with hydrophobized hyaluronic acid-spermine conjugates (HHSCs) for efficient receptor-mediated siRNA delivery. <i>International Journal of Pharmaceutics</i> , 2011, 414, 233-243.	2.6	47
12	Azithromycin-loaded respirable microparticles for targeted pulmonary delivery for the treatment of pneumonia. <i>Biomaterials</i> , 2018, 160, 107-123.	5.7	46
13	Tumor-targeting delivery of hyaluronic acid-platinum( <i>iv</i> ) nanoconjugate to reduce toxicity and improve survival. <i>Polymer Chemistry</i> , 2015, 6, 1541-1552.	1.9	40
14	Acid-Induced Activated Cell-Penetrating Peptide-Modified Cholesterol-Conjugated Polyoxyethylene Sorbitol Oleate Mixed Micelles for pH-Triggered Drug Release and Efficient Brain Tumor Targeting Based on a Charge Reversal Mechanism. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 43411-43428.	4.0	39
15	Synthesis and characterization of low molecular weight hyaluronic acid-based cationic micelles for efficient siRNA delivery. <i>Carbohydrate Polymers</i> , 2009, 77, 95-104.	5.1	38
16	Development of an itraconazole encapsulated polymeric nanoparticle platform for effective antifungal therapy. <i>Journal of Materials Chemistry B</i> , 2016, 4, 1787-1796.	2.9	38
17	Interaction between Cell-Penetrating Peptides and Acid-Sensitive Anionic Oligopeptides as a Model for the Design of Targeted Drug Carriers. <i>Molecular Pharmaceutics</i> , 2014, 11, 1583-1590.	2.3	37
18	Formulation and evaluation of Cyclosporin A emulgel for ocular delivery. <i>Drug Delivery</i> , 2015, 22, 911-917.	2.5	35

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19	Efficient delivery of paclitaxel into ASGPR over-expressed cancer cells using reversibly stabilized multifunctional pullulan nanoparticles. <i>Carbohydrate Polymers</i> , 2017, 159, 178-187.	5.1	31
20	Co-delivery of Poria cocos extract and doxorubicin as an "all-in-one" nanocarrier to combat breast cancer multidrug resistance during chemotherapy. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020, 23, 102095.	1.7	31
21	Nanostructured Peptidotoxins as Natural Pro-Oxidants Induced Cancer Cell Death via Amplification of Oxidative Stress. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 4569-4581.	4.0	29
22	Paclitaxel-loaded cholesterol-conjugated polyoxyethylene sorbitol oleate polymeric micelles for glioblastoma therapy across the blood-brain barrier. <i>Polymer Chemistry</i> , 2015, 6, 2740-2751.	1.9	28
23	Component-based biocompatibility and safety evaluation of polysorbate 80. <i>RSC Advances</i> , 2017, 7, 15127-15138.	1.7	28
24	pH-dependent reversibly activatable cell-penetrating peptides improve the antitumor effect of artemisinin-loaded liposomes. <i>Journal of Colloid and Interface Science</i> , 2021, 586, 391-403.	5.0	28
25	Synthesis and characterization of hyaluronic acid-platinum(IV) nanoconjugate with enhanced antitumor response and reduced adverse effects. <i>RSC Advances</i> , 2015, 5, 81668-81681.	1.7	27
26	Co-delivery of siRNA and paclitaxel into cancer cells by hyaluronic acid modified redox-sensitive disulfide-crosslinked PLGA-PEI nanoparticles. <i>RSC Advances</i> , 2015, 5, 46464-46479.	1.7	26
27	Exenatide loaded PLGA microspheres for long-acting antidiabetic therapy: preparation, characterization, pharmacokinetics and pharmacodynamics. <i>RSC Advances</i> , 2016, 6, 37452-37462.	1.7	25
28	Time-Programmed Delivery of Sorafenib and Anti-CD47 Antibody via a Double-Layer-Gel Matrix for Postsurgical Treatment of Breast Cancer. <i>Nano-Micro Letters</i> , 2021, 13, 141.	14.4	24
29	Synthesis, physicochemical properties and ocular pharmacokinetics of thermosensitive <i>in situ</i> hydrogels for ganciclovir in cytomegalovirus retinitis treatment. <i>Drug Delivery</i> , 2018, 25, 59-69.	2.5	23
30	Electrostatic interactions between polyglutamic acid and polylysine yields stable polyion complex micelles for deoxy podophyllotoxin delivery. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 7963-7977.	3.3	21
31	Stability, safety, and transcorneal mechanistic studies of ophthalmic lyophilized cyclosporine-loaded polymeric micelles. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 8281-8296.	3.3	21
32	Arginine-stabilized mPEG-PDLLA (50/50) polymeric micelles of docetaxel by electrostatic mechanism for tumor-targeted delivery. <i>Drug Delivery</i> , 2015, 22, 168-181.	2.5	20
33	Risk assessment of supply chain for pharmaceutical excipients with AHP-fuzzy comprehensive evaluation. <i>Drug Development and Industrial Pharmacy</i> , 2016, 42, 676-684.	0.9	20
34	Sequential Enzyme Activation of a Co-Prostaramine-Based Nanomedicine to Target Tumor Mitochondria. <i>Advanced Functional Materials</i> , 2020, 30, 1904697.	7.8	19
35	Preparation, characterization, and pharmacodynamics of insulin-loaded fumaryl diketopiperazine microparticle dry powder inhalation. <i>Drug Delivery</i> , 2019, 26, 650-660.	2.5	17
36	A bio-responsive, cargo-catchable gel for postsurgical tumor treatment via ICD-based immunotherapy. <i>Journal of Controlled Release</i> , 2022, 346, 212-225.	4.8	17

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37	Novel nanostructure-coupled biosensor platform for one-step high-throughput quantification of serum neutralizing antibody after COVID-19 vaccination. <i>Biosensors and Bioelectronics</i> , 2022, 199, 113868.	5.3	16
38	Novel designed polyoxyethylene nonionic surfactant with improved safety and efficiency for anticancer drug delivery. <i>International Journal of Nanomedicine</i> , 2014, 9, 2089.	3.3	14
39	Fumaryl diketopiperazine based effervescent microparticles to escape macrophage phagocytosis for enhanced treatment of pneumonia via pulmonary delivery. <i>Biomaterials</i> , 2020, 228, 119575.	5.7	14
40	EGFR Targeted Cetuximab-Valine-Citrulline (vc)-Doxorubicin Immunoconjugates- Loaded Bovine Serum Albumin (BSA) Nanoparticles for Colorectal Tumor Therapy. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 2443-2459.	3.3	14
41	Ion-paired pirenzepine-loaded micelles as an ophthalmic delivery system for the treatment of myopia. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 2079-2089.	1.7	13
42	Size-based anti-tumoral effect of paclitaxel loaded albumin microparticle dry powders for inhalation to treat metastatic lung cancer in a mouse model. <i>International Journal of Pharmaceutics</i> , 2018, 542, 90-99.	2.6	13
43	Functional Diagnostic and Therapeutic Nanoconstructs for Efficient Probing of Circulating Tumor Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 14231-14247.	4.0	13
44	Enhanced cytotoxicity of a redox-sensitive hyaluronic acid-based nanomedicine toward different oncocytes via various internalization mechanisms. <i>Drug Delivery</i> , 2020, 27, 128-136.	2.5	12
45	Influence of Tumor Microenvironment on the Distribution and Elimination of Nano-formulations. <i>Current Drug Metabolism</i> , 2016, 17, 783-798.	0.7	12
46	Immunosafety and chronic toxicity evaluation of monomethoxypoly(ethylene glycol)-b-poly(lactic) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	2.5	11
47	Synthesis, characterization, biodegradability and biocompatibility of a temperature-sensitive PBLA-PEG-PBLA hydrogel as protein delivery system with low critical gelation concentration. <i>Drug Development and Industrial Pharmacy</i> , 2014, 40, 1264-1275.	0.9	10
48	Highly loaded deoxypodophyllotoxin nano-formulation delivered by methoxy polyethylene glycol-block-poly (D,L-lactide) micelles for efficient cancer therapy. <i>Drug Delivery</i> , 2020, 27, 248-257.	2.5	10
49	Cisplatin-stitched $\hat{\pm}$ -poly(glutamic acid) nanoconjugate for enhanced safety and effective tumor inhibition. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 119, 189-199.	1.9	9
50	A polyoxyethylene sorbitan oleate modified hollow gold nanoparticle system to escape macrophage phagocytosis designed for triple combination lung cancer therapy via LDL-R mediated endocytosis. <i>Drug Delivery</i> , 2020, 27, 1342-1359.	2.5	9
51	Method Development and Validation for the Determination of Indiquinoline Tartrate, a Novel Kappa Opioid Agonist, and its Related Substances by High-Performance Liquid Chromatography. <i>Journal of Chromatographic Science</i> , 2012, 50, 343-348.	0.7	8
52	Design and validation of a simple device for insufflation of dry powders in a mice model. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 123, 495-501.	1.9	8
53	Redox-sensitive polyglutamic acid-platinum(IV) prodrug grafted nanoconjugates for efficient delivery of cisplatin into breast tumor. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020, 29, 102252.	1.7	7
54	A Raman imaging-based technique to assess HPMC substituent contents and their effects on the drug release of commercial extended-release tablets. <i>Carbohydrate Polymers</i> , 2020, 244, 116460.	5.1	6

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55	Antitumor activity of TNF- $\alpha$ after intratumoral injection using an <i>in situ</i> thermosensitive hydrogel. Drug Development and Industrial Pharmacy, 2015, 41, 369-374.	0.9	5
56	Precisely Defined Polymers for Efficient Gene Delivery. Topics in Current Chemistry, 2018, 376, 2.	3.0	5
57	Characterization of Multi-Sourced Diclofenac Sodium Extended-Release Tablet Dissolution Profiles: A New Approach to Establish an In vitro-In vivo Correlation Based on Multiple Integral Response Surface. Journal of Pharmaceutical Innovation, 2015, 10, 302-312.	1.1	2
58	OCULAR PHARMACOKINETICS AND BIOEQUIVALENCE STUDY OF AZITHROMYCIN IN RABBITS BY LIQUID CHROMATOGRAPHY-TANDEM MASS SPECTROMETRY (LC-MS/MS) METHOD. Journal of Liquid Chromatography and Related Technologies, 2013, 36, 1931-1946.	0.5	0