

Yiguang Jin

List of Publications by Year in descending order

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107
papers

3,429
citations

159585

30
h-index

168389

53
g-index

114
all docs

114
docs citations

114
times ranked

4682
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent progress in drug delivery. <i>Acta Pharmaceutica Sinica B</i> , 2019, 9, 1145-1162.	12.0	529
2	3D printing of vaginal rings with personalized shapes for controlled release of progesterone. <i>International Journal of Pharmaceutics</i> , 2018, 539, 75-82.	5.2	164
3	fMiRNA-192 and miRNA-204 Directly Suppress lncRNA HOTTIP and Interrupt GLS1-Mediated Glutaminolysis in Hepatocellular Carcinoma. <i>PLoS Genetics</i> , 2015, 11, e1005726.	3.5	151
4	Inhalation treatment of primary lung cancer using liposomal curcumin dry powder inhalers. <i>Acta Pharmaceutica Sinica B</i> , 2018, 8, 440-448.	12.0	126
5	Transdermal delivery of the in situ hydrogels of curcumin and its inclusion complexes of hydroxypropyl- β -cyclodextrin for melanoma treatment. <i>International Journal of Pharmaceutics</i> , 2014, 469, 31-39.	5.2	94
6	Potential and problems in ultrasound-responsive drug delivery systems. <i>International Journal of Nanomedicine</i> , 2013, 8, 1621.	6.7	85
7	Combination of 3D printing technologies and compressed tablets for preparation of riboflavin floating tablet-in-device (TiD) systems. <i>International Journal of Pharmaceutics</i> , 2018, 549, 370-379.	5.2	83
8	Tea tree oil nanoemulsions for inhalation therapies of bacterial and fungal pneumonia. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 141, 408-416.	5.0	69
9	Self-assembled drug delivery systems. <i>International Journal of Pharmaceutics</i> , 2006, 309, 199-207.	5.2	66
10	A 5-fluorouracil-loaded pH-responsive dendrimer nanocarrier for tumor targeting. <i>International Journal of Pharmaceutics</i> , 2011, 420, 378-384.	5.2	66
11	Preparation of asiaticoside-loaded coaxially electrospinning nanofibers and their effect on deep partial-thickness burn injury. <i>Biomedicine and Pharmacotherapy</i> , 2016, 83, 33-40.	5.6	66
12	Inhalation treatment of idiopathic pulmonary fibrosis with curcumin large porous microparticles. <i>International Journal of Pharmaceutics</i> , 2018, 551, 212-222.	5.2	58
13	Improved anti-melanoma effect of a transdermal mitoxantrone ethosome gel. <i>Biomedicine and Pharmacotherapy</i> , 2015, 73, 6-11.	5.6	56
14	A multifunctional in situ-forming hydrogel for wound healing. <i>Wound Repair and Regeneration</i> , 2012, 20, 904-910.	3.0	54
15	Ultrasound-Triggered Drug Release and Enhanced Anticancer Effect of Doxorubicin-Loaded Poly(D,L-Lactide-Co-Glycolide)-Methoxy-Poly(Ethylene Glycol) Nanodroplets. <i>Ultrasound in Medicine and Biology</i> , 2011, 37, 1252-1258.	1.5	50
16	Combining different types of multifunctional liposomes loaded with ammonium bicarbonate to fabricate microneedle arrays as a vaginal mucosal vaccine adjuvant-dual delivery system (VADDs). <i>Journal of Controlled Release</i> , 2017, 246, 12-29.	9.9	49
17	Paclitaxel-in-liposome-in-bacteria for inhalation treatment of primary lung cancer. <i>International Journal of Pharmaceutics</i> , 2020, 578, 119177.	5.2	48
18	Nanostructures of an amphiphilic zinc phthalocyanine polymer conjugate for photodynamic therapy of psoriasis. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 128, 405-409.	5.0	47

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19	Preparation of hydroxylated lecithin complexed iodine/carboxymethyl chitosan/sodium alginate composite membrane by microwave drying and its applications in infected burn wound treatment. <i>Carbohydrate Polymers</i> , 2019, 206, 435-445.	10.2	45
20	Mechanisms of pH-Sensitivity and Cellular Internalization of PEOz- <i>b</i> -PLA Micelles with Varied Hydrophilic/Hydrophobic Ratios and Intracellular Trafficking Routes and Fate of the Copolymer. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 6916-6930.	8.0	43
21	Liposomal andrographolide dry powder inhalers for treatment of bacterial pneumonia via anti-inflammatory pathway. <i>International Journal of Pharmaceutics</i> , 2017, 528, 163-171.	5.2	43
22	Inhalable oridonin-loaded poly(lactic- co -glycolic)acid large porous microparticles for in situ treatment of primary non-small cell lung cancer. <i>Acta Pharmaceutica Sinica B</i> , 2017, 7, 80-90.	12.0	42
23	Nasal delivery of analgesic ketorolac tromethamine thermo- and ion-sensitive in situ hydrogels. <i>International Journal of Pharmaceutics</i> , 2015, 489, 252-260.	5.2	41
24	Drug-Loaded PLGA Electrospraying Porous Microspheres for the Local Therapy of Primary Lung Cancer via Pulmonary Delivery. <i>ACS Omega</i> , 2017, 2, 2273-2279.	3.5	39
25	Inhalable Andrographolide- β -cyclodextrin Inclusion Complexes for Treatment of <i>Staphylococcus aureus</i> Pneumonia by Regulating Immune Responses. <i>Molecular Pharmaceutics</i> , 2017, 14, 1718-1725.	4.6	39
26	Self-assembled drug delivery systems. <i>International Journal of Pharmaceutics</i> , 2008, 350, 330-337.	5.2	36
27	Electroporation-enhanced transdermal drug delivery: Effects of logP, pKa, solubility and penetration time. <i>European Journal of Pharmaceutical Sciences</i> , 2020, 151, 105410.	4.0	35
28	Drug-loaded pH-responsive polymeric micelles: Simulations and experiments of micelle formation, drug loading and drug release. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 158, 709-716.	5.0	34
29	Drug-loaded implantable surgical cavity-adaptive hydrogels for prevention of local tumor recurrence. <i>International Journal of Pharmaceutics</i> , 2020, 577, 119048.	5.2	34
30	Combination Anti-HIV Therapy with the Self-Assemblies of an Asymmetric Bolaamphiphilic Zidovudine/Didanosine Prodrug. <i>Molecular Pharmaceutics</i> , 2011, 8, 867-876.	4.6	33
31	Construction of pH/glutathione responsive chitosan nanoparticles by a self-assembly/self-crosslinking method for photodynamic therapy. <i>International Journal of Biological Macromolecules</i> , 2021, 167, 46-58.	7.5	31
32	Inhaled curcumin mesoporous polydopamine nanoparticles against radiation pneumonitis. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 2522-2532.	12.0	29
33	Transdermal enhancement effect and mechanism of iontophoresis for non-steroidal anti-inflammatory drugs. <i>International Journal of Pharmaceutics</i> , 2014, 466, 76-82.	5.2	28
34	Dimethyl silicone dry nanoemulsion inhalations: Formulation study and anti-acute lung injury effect. <i>International Journal of Pharmaceutics</i> , 2015, 491, 292-298.	5.2	28
35	Curcumin solid dispersion-loaded in situ hydrogels for local treatment of injured vaginal bacterial infection and improvement of vaginal wound healing. <i>Journal of Pharmacy and Pharmacology</i> , 2019, 71, 1044-1054.	2.4	26
36	Amifostine-loaded armored dissolving microneedles for long-term prevention of ionizing radiation-induced injury. <i>Acta Biomaterialia</i> , 2020, 112, 87-100.	8.3	26

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37	Wound Healing Effect of an in Situ Forming Hydrogel Loading Curcumin-Phospholipid Complex. <i>Current Drug Delivery</i> , 2016, 13, 76-82.	1.6	25
38	Nasal timosaponin BII dually sensitive in situ hydrogels for the prevention of Alzheimer's disease induced by lipopolysaccharides. <i>International Journal of Pharmaceutics</i> , 2020, 578, 119115.	5.2	25
39	ICG-loaded photodynamic chitosan/polyvinyl alcohol composite nanofibers: Anti-resistant bacterial effect and improved healing of infected wounds. <i>International Journal of Pharmaceutics</i> , 2020, 588, 119797.	5.2	25
40	Langmuir monolayers of the long-chain alkyl derivatives of a nucleoside analogue and the formation of self-assembled nanoparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2005, 42, 45-51.	5.0	24
41	Self-assembled drug delivery systems. Part 4: In vitro/in vivo studies of the self-assemblies of cholesteryl-phosphonyl zidovudine. <i>International Journal of Pharmaceutics</i> , 2009, 381, 40-48.	5.2	24
42	Self-assembled drug delivery systems. Part 5: Self-assemblies of a bolaamphiphilic prodrug containing dual zidovudine. <i>International Journal of Pharmaceutics</i> , 2010, 386, 268-274.	5.2	24
43	Self-assembled drug delivery systems. Part 6: In vitro/in vivo studies of anticancer N-octadecanoyl gemcitabine nanoassemblies. <i>International Journal of Pharmaceutics</i> , 2012, 430, 276-281.	5.2	24
44	Doxorubicin-Loaded Photosensitizer-Core pH-Responsive Copolymer Nanocarriers for Combining Photodynamic Therapy and Chemotherapy. <i>ACS Biomaterials Science and Engineering</i> , 2017, 3, 1008-1016.	5.2	24
45	Transdermal Cubic Phases of Metformin Hydrochloride: In Silico and in Vitro Studies of Delivery Mechanisms. <i>Molecular Pharmaceutics</i> , 2018, 15, 3121-3132.	4.6	24
46	Self-assembly of N-acyl derivatives of gemcitabine at the air/water interface and the formation of nanoscale structures in water. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2012, 393, 60-65.	4.7	23
47	Monolayers of the lipid derivatives of isoniazid at the air/water interface and the formation of self-assembled nanostructures in water. <i>Colloids and Surfaces B: Biointerfaces</i> , 2008, 64, 229-235.	5.0	22
48	The Effect of RMP-7 and its Derivative on Transporting Evans Blue Liposomes into the Brain. <i>Drug Delivery</i> , 2004, 11, 301-309.	5.7	21
49	3D-Printed Wearable Personalized Orthodontic Retainers for Sustained Release of Clonidine Hydrochloride. <i>AAPS PharmSciTech</i> , 2019, 20, 260.	3.3	21
50	3D printing-based drug-loaded implanted prosthesis to prevent breast cancer recurrence post-conserving surgery. <i>Asian Journal of Pharmaceutical Sciences</i> , 2021, 16, 86-96.	9.1	21
51	Nanoassemblies containing a fluorouracil/zidovudine glyceryl prodrug with phospholipase A2-triggered drug release for cancer treatment. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 112, 421-428.	5.0	20
52	Intranasal temperature-sensitive hydrogels of cannabidiol inclusion complex for the treatment of post-traumatic stress disorder. <i>Acta Pharmaceutica Sinica B</i> , 2021, 11, 2031-2047.	12.0	20
53	Self-assembled drug delivery systems. <i>International Journal of Pharmaceutics</i> , 2009, 368, 207-214.	5.2	19
54	Rational design of didodecyldimethylammonium bromide-based nanoassemblies for gene delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 126, 257-264.	5.0	19

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55	Chemo-photothermal immunotherapy for eradication of orthotopic tumors and inhibition of metastasis by intratumoral injection of polydopamine versatile hydrogels. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 1447-1459.	12.0	19
56	Pulmonary delivery of cationic liposomal hydroxycamptothecin and 5-aminolevulinic acid for chemo-sonodynamic therapy of metastatic lung cancer. <i>International Journal of Pharmaceutics</i> , 2021, 601, 120572.	5.2	18
57	Predatory bacterial hydrogels for topical treatment of infected wounds. <i>Acta Pharmaceutica Sinica B</i> , 2023, 13, 315-326.	12.0	18
58	Biomimetic nanoassemblies of 1- O -octodecyl-2-conjugated linoleoyl- sn -glycero-3-phosphatidyl gemcitabine with phospholipase A 2 -triggered degradation for the treatment of cancer. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 152, 467-474.	5.0	17
59	Interfacial properties and micellization of triblock poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 587 Td (glycol)-poly(1,4-bis(2,2,2-trifluoroethyl)oxy-4,4'-oxydiphenyl) 1122-1133.	12.0	17
60	Self-assembled drug delivery systems. Part 7: Hepatocyte-targeted nanoassemblies of an adefovir lipid derivative with cytochrome P450-triggered drug release. <i>International Journal of Pharmaceutics</i> , 2014, 472, 1-9.	5.2	16
61	Pulmonary delivery of tea tree oil- β -cyclodextrin inclusion complexes for the treatment of fungal and bacterial pneumonia. <i>Journal of Pharmacy and Pharmacology</i> , 2017, 69, 1458-1467.	2.4	16
62	Intranasal tetrandrine temperature-sensitive in situ hydrogels for the treatment of microwave-induced brain injury. <i>International Journal of Pharmaceutics</i> , 2020, 583, 119384.	5.2	16
63	Chemo-photodynamic therapy by pulmonary delivery of gefitinib nanoparticles and 5-aminolevulinic acid for treatment of primary lung cancer of rats. <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 31, 101807.	2.6	16
64	Morphological transformation of self-assembled nanostructures prepared from cholesteryl acyl didanosine and the optimal formulation of nanoparticulate systems: Effects of solvents, acyl chain length and poloxamer 188. <i>Journal of Colloid and Interface Science</i> , 2008, 326, 275-282.	9.4	15
65	Drug-Loaded Star-Shaped pH-Responsive Monomolecular Copolymer Nanocarriers for Tumor Targeting and Cancer Therapy. <i>ACS Biomaterials Science and Engineering</i> , 2015, 1, 175-182.	5.2	15
66	Melanoma therapy with transdermal mitoxantrone cubic phases. <i>Drug Delivery</i> , 2015, 23, 1-6.	5.7	14
67	Highly efficient treatment of aerobic vaginitis with simple acidic buffered gels: The importance of pH and buffers on the microenvironment of vaginas. <i>International Journal of Pharmaceutics</i> , 2017, 525, 175-182.	5.2	14
68	Intratumorally Injected Photothermal Agent-Loaded Photodynamic Nanocarriers for Ablation of Orthotopic Melanoma and Breast Cancer. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 724-739.	5.2	14
69	Inhalable Jojoba Oil Dry Nanoemulsion Powders for the Treatment of Lipopolysaccharide- or H ₂ O ₂ -Induced Acute Lung Injury. <i>Pharmaceutics</i> , 2021, 13, 486.	4.5	14
70	Preparation and characterization of budesonide-loaded solid lipid nanoparticles for pulmonary delivery. <i>Journal of Chinese Pharmaceutical Sciences</i> , 2011, 20, .	0.1	14
71	In vitro sustained release of recombinant human bone morphogenetic protein-2 microspheres embedded in thermosensitive hydrogels. <i>Die Pharmazie</i> , 2012, 67, 299-303.	0.5	14
72	Pulmonary delivery of resveratrol- β -cyclodextrin inclusion complexes for the prevention of zinc chloride smoke-induced acute lung injury. <i>Drug Delivery</i> , 2022, 29, 1122-1131.	5.7	14

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73	Pyrocatechol violet as a marker to characterize liposomal membrane permeability using the chelation and the first-order derivative spectrophotometry. Journal of Pharmaceutical and Biomedical Analysis, 2005, 37, 379-382.	2.8	13
74	Self-assembled drug delivery systems. Part 8: In vitro / in vivo studies of the nanoassemblies of cholesteryl-phosphonyl gemcitabine. International Journal of Pharmaceutics, 2015, 478, 124-130.	5.2	12
75	3D printed mold-based capsaicin candy for the treatment of oral ulcer. International Journal of Pharmaceutics, 2019, 568, 118517.	5.2	12
76	Advances in ameliorating inflammatory diseases and cancers by andrographolide: Pharmacokinetics, pharmacodynamics, and perspective. Medicinal Research Reviews, 2022, 42, 1147-1178.	10.5	12
77	Amphiphilic lipid derivatives of 3- β -hydroxyurea-deoxythymidine: Preparation, properties, molecular self-assembly, simulation and in vitro anticancer activity. Colloids and Surfaces B: Biointerfaces, 2014, 123, 852-858.	5.0	11
78	Controlled release of bone morphogenetic protein-2 from a microsphere coating applied to acid-etched Ti6AL4V implants increases biological bone growth in vivo. Journal of Orthopaedic Research, 2014, 32, 744-751.	2.3	10
79	Effects of armodafinil nanocrystal nasal hydrogel on recovery of cognitive function in sleep-deprived rats. International Journal of Pharmaceutics, 2021, 597, 120343.	5.2	10
80	Light-triggered on-site rapid formation of antibacterial hydrogel dressings for accelerated healing of infected wounds. , 2022, 136, 212784.		10
81	A functionalized poly(amidoamine) nanocarrier-loading 5-fluorouracil. Anti-Cancer Drugs, 2013, 24, 172-180.	1.4	9
82	Long-circulating and liver-targeted nanoassemblies of cyclic phosphoryl N-dodecanoyl gemcitabine for the treatment of hepatocellular carcinoma. Biomedicine and Pharmacotherapy, 2016, 79, 208-214.	5.6	9
83	Magnetic resonance imaging of osteosarcoma using a bis(alendronate)-based bone-targeted contrast agent. Biomedicine and Pharmacotherapy, 2016, 84, 423-429.	5.6	9
84	Self-assemblies of 5- β -cholesteryl-ethyl-phosphoryl zidovudine. Colloids and Surfaces B: Biointerfaces, 2016, 148, 385-391.	5.0	9
85	Transdermal metformin hydrochloride-loaded cubic phases: <i>in silico</i> formulation optimization, preparation, properties, and application for local treatment of melanoma. Drug Delivery, 2019, 26, 376-383.	5.7	9
86	Enhanced anticancer efficacy of cantharidin by mPEG-PLGA micellar encapsulation: An effective strategy for application of a poisonous traditional Chinese medicine. Colloids and Surfaces B: Biointerfaces, 2020, 196, 111285.	5.0	9
87	Comparative study of intratracheal and oral gefitinib for the treatment of primary lung cancer. European Journal of Pharmaceutical Sciences, 2020, 149, 105352.	4.0	8
88	Ocular lamellar crystalline gels for sustained release and enhanced permeation of resveratrol against corneal neovascularization. Drug Delivery, 2021, 28, 206-217.	5.7	8
89	Chitosan and its Derivatives as Chemical Drug Delivery Carriers. Current Organic Chemistry, 2018, 22, 690-707.	1.6	8
90	The effects of chain number and state of lipid derivatives of nucleosides on hydrogen bonding and self-assembly through the investigation of Langmuir-Blodgett films. Applied Surface Science, 2006, 252, 7926-7929.	6.1	7

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91	Riboflavin laurate nanosuspensions as an intramuscular injection for long-term riboflavin supplementation. <i>International Journal of Pharmaceutics</i> , 2013, 450, 338-344.	5.2	7
92	Molecular self-assembly of amphiphilic cyclic phosphoryl gemcitabine with different N-fatty acyl tails and enhanced anticancer effects of the self-assembled nanostructures. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 133, 356-361.	5.0	7
93	In-vitro/in-vivo studies of the biodegradable poly-(d,l-lactide-co-glycolide) microspheres of a novel luteinizing hormone-releasing hormone antagonist for prostate cancer treatment. <i>Anti-Cancer Drugs</i> , 2011, 22, 262-272.	1.4	6
94	Wound healing of laser injured skin with glycerol monooleate cubic liquid crystal. <i>Burns</i> , 2020, 46, 1381-1388.	1.9	5
95	A wearable gamma radiation-responsive granulocyte colony-stimulating factor microneedle system protecting against ionizing radiation-induced injury. <i>Acta Biomaterialia</i> , 2022, 146, 197-210.	8.3	5
96	Effect of temperature on the state of the self-assembled nanoparticles prepared from an amphiphilic lipid derivative of acyclovir. <i>Colloids and Surfaces B: Biointerfaces</i> , 2007, 54, 124-125.	5.0	4
97	Langmuir monolayers of N-acyl derivatives of adefovir phosphonate at the air/water interface and molecular self-assembly in water. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014, 462, 231-236.	4.7	4
98	Topical treatment of corneal alkali burns with Gly-thymosin \hat{I}^2 4 solutions and in situ hydrogels via inhibiting corneal neovascularization and improving corneal epidermal recovery in experimental rabbits. <i>Burns</i> , 2017, 43, 1742-1747.	1.9	4
99	Facile preparation of solid dispersions by dissolving drugs in N-vinyl-2-pyrrolidone and photopolymerization. <i>Materials Science and Engineering C</i> , 2021, 124, 112063.	7.3	4
100	Estriol dissolving microneedle patches for protection against ionizing radiation-induced injury. <i>European Journal of Pharmaceutical Sciences</i> , 2021, 163, 105881.	4.0	4
101	Nasal Delivery of Cinnarizine Thermo- and Ion-Sensitive In Situ Hydrogels for Treatment of Microwave-Induced Brain Injury. <i>Gels</i> , 2022, 8, 108.	4.5	4
102	Application of armodafinil-loaded microneedle patches against the negative influence induced by sleep deprivation. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021, 169, 178-188.	4.3	3
103	Nanotechnology in Pharmaceutical Manufacturing. , 0, , 1249-1288.		2
104	Intranasal hydrogel of armodafinil hydroxypropyl- \hat{I}^2 -cyclodextrin inclusion complex for the treatment of post-traumatic stress disorder. <i>Saudi Pharmaceutical Journal</i> , 2022, 30, 265-282.	2.7	2
105	Recombinant HNP-1 Produced by <i>Escherichia coli</i> Triggers Bacterial Apoptosis and Exhibits Antibacterial Activity against Drug-Resistant Bacteria. <i>Microbiology Spectrum</i> , 2022, , e0086021.	3.0	2
106	Inhaled amifostine for the prevention of radiation-induced lung injury. <i>Radiation Medicine and Protection</i> , 2022, , .	0.8	2
107	An activatable near-infrared fluorescent probe targeting CKIP-1 for monitoring osteoporosis in vivo. <i>Sensors and Actuators B: Chemical</i> , 2021, 346, 130453.	7.8	0