

Changyang Gong

List of Publications by Year in Descending Order

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

70
papers

3,392
citations

31
h-index

57
g-index

76
ext. papers

3,988
ext. citations

8.8
avg, IF

4.99
L-index

#	Paper	IF	Citations
70	A programmable hierarchical-responsive nanoCRISPR elicits robust activation of endogenous target to treat cancer. <i>Theranostics</i> , 2021 , 11, 9833-9846	12.1	2
69	Combination of MAPK inhibition with photothermal therapy synergistically augments the anti-tumor efficacy of immune checkpoint blockade. <i>Journal of Controlled Release</i> , 2021 , 332, 194-209	11.7	10
68	A self-sustained nanoplatform reverses TRAIL-resistance of pancreatic cancer through coactivating of exogenous and endogenous apoptotic pathway. <i>Biomaterials</i> , 2021 , 272, 120795	15.6	5
67	Programmable Unlocking Nano-Matryoshka-CRISPR Precisely Reverses Immunosuppression to Unleash Cascade Amplified Adaptive Immune Response. <i>Advanced Science</i> , 2021 , 8, 2100292	13.6	8
66	Hierarchically Responsive Tumor-Microenvironment-Activated Nano-Artificial Virus for Precise Exogenous and Endogenous Apoptosis Coactivation. <i>Advanced Functional Materials</i> , 2021 , 31, 2104423	15.6	3
65	Characterizing dedifferentiation of thyroid cancer by integrated analysis. <i>Science Advances</i> , 2021 , 7,	14.3	18
64	Delivery of CRISPR/Cas systems for cancer gene therapy and immunotherapy. <i>Advanced Drug Delivery Reviews</i> , 2021 , 168, 158-180	18.5	41
63	A glutathione-activatable nanoplatform for enhanced photodynamic therapy with simultaneous hypoxia relief and glutathione depletion. <i>Chemical Engineering Journal</i> , 2021 , 403, 126305	14.7	13
62	Self-Adjuvanted Molecular Activator (SeaMac) Nanovaccines Promote Cancer Immunotherapy. <i>Advanced Healthcare Materials</i> , 2021 , 10, e2002080	10.1	7
61	A spontaneously formed and self-adjuvanted hydrogel vaccine triggers strong immune responses. <i>Materials and Design</i> , 2021 , 197, 109232	8.1	10
60	Emerging nanomaterials applied for tackling the COVID-19 cytokine storm. <i>Journal of Materials Chemistry B</i> , 2021 , 9, 8185-8201	7.3	3
59	A self-sustaining nanoplatform overcomes TRAIL-resistance of pancreatic cancer by a source-broadening and expenditure-reducing apoptosis strategy. <i>Materials and Design</i> , 2021 , 211, 110137 ^{8.1}	8.1	17
58	A spontaneous multifunctional hydrogel vaccine amplifies the innate immune response to launch a powerful antitumor adaptive immune response. <i>Theranostics</i> , 2021 , 11, 6936-6949	12.1	5
57	An Acidity-Initiated Self-Assembly/Disassembly Nanoprobe to Switch on Fluorescence for Tumor-Targeted Near-Infrared Imaging.. <i>Nano Letters</i> , 2021 ,	11.5	2
56	Nanomaterials for radiotherapeutics-based multimodal synergistic cancer therapy. <i>Nano Research</i> , 2020 , 13, 2579-2594	10	18
55	Virus-esque nucleus-targeting nanoparticles deliver trojan plasmid for release of anti-tumor shuttle protein. <i>Journal of Controlled Release</i> , 2020 , 320, 253-264	11.7	9
54	Improving Cancer Immunotherapy Outcomes Using Biomaterials. <i>Angewandte Chemie</i> , 2020 , 132, 17484-17495 ^{17.4954}	17.4954	17

53	Atherosclerosis and Nanomedicine Potential: Current Advances and Future Opportunities. <i>Current Medicinal Chemistry</i> , 2020 , 27, 3534-3554	4.3	6
52	Multistage Sensitive NanoCRISPR Enable Efficient Intracellular Disruption of Immune Checkpoints for Robust Innate and Adaptive Immune Coactivation. <i>Advanced Functional Materials</i> , 2020 , 30, 2004940	15.6	13
51	Improving Cancer Immunotherapy Outcomes Using Biomaterials. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 17332-17343	16.4	21
50	Gambogic acid-encapsulated polymeric micelles improved therapeutic effects on pancreatic cancer. <i>Chinese Chemical Letters</i> , 2019 , 30, 885-888	8.1	30
49	Hyaluronic Acid Oligosaccharides Improve Myocardial Function Reconstruction and Angiogenesis against Myocardial Infarction by Regulation of Macrophages. <i>Theranostics</i> , 2019 , 9, 1980-1992	12.1	34
48	CRISPR-Cas9 Delivery by Artificial Virus (RRPHC). <i>Methods in Molecular Biology</i> , 2019 , 1961, 81-91	1.4	1
47	Sclerostin injection enhances orthodontic tooth movement in rats. <i>Archives of Oral Biology</i> , 2019 , 99, 43-50	2.8	5
46	Novel polyethyleneimine-R8-heparin nanogel for high-efficiency gene delivery in vitro and in vivo. <i>Drug Delivery</i> , 2018 , 25, 122-131	7	28
45	An Endogenous Vaccine Based on Fluorophores and Multivalent Immunoadjuvants Regulates Tumor Micro-Environment for Synergistic Photothermal and Immunotherapy. <i>Theranostics</i> , 2018 , 8, 860-873	12.1	73
44	Gambogic Acid-Loaded Polymeric Micelles for Improved Therapeutic Effect in Breast Cancer. <i>Journal of Biomedical Nanotechnology</i> , 2018 , 14, 1695-1704	4	15
43	Engineered fluorescent carbon dots as promising immune adjuvants to efficiently enhance cancer immunotherapy. <i>Nanoscale</i> , 2018 , 10, 22035-22043	7.7	31
42	Lipid-modified cell-penetrating peptide-based self-assembly micelles for co-delivery of narciclasine and siULK1 in hepatocellular carcinoma therapy. <i>Acta Biomaterialia</i> , 2018 , 74, 414-429	10.8	27
41	Killing colon cancer cells through PCD pathways by a novel hyaluronic acid-modified shell-core nanoparticle loaded with RIP3 in combination with chloroquine. <i>Biomaterials</i> , 2017 , 124, 195-210	15.6	37
40	TRAIL and curcumin codelivery nanoparticles enhance TRAIL-induced apoptosis through upregulation of death receptors. <i>Drug Delivery</i> , 2017 , 24, 1526-1536	7	25
39	Biodegradable polymeric micelles coencapsulating paclitaxel and honokiol: a strategy for breast cancer therapy in vitro and in vivo. <i>International Journal of Nanomedicine</i> , 2017 , 12, 1499-1514	7.3	21
38	Artificial Virus Delivers CRISPR-Cas9 System for Genome Editing of Cells in Mice. <i>ACS Nano</i> , 2017 , 11, 95-111	16.7	161
37	A Powerful CD8 T-Cell Stimulating D-Tetra-Peptide Hydrogel as a Very Promising Vaccine Adjuvant. <i>Advanced Materials</i> , 2017 , 29, 1601776	24	135
36	Multifunctional Nucleus-targeting Nanoparticles with Ultra-high Gene Transfection Efficiency for Gene Therapy. <i>Theranostics</i> , 2017 , 7, 1633-1649	12.1	29

35	Improving Antiadhesion Effect of Thermosensitive Hydrogel with Sustained Release of Tissue-type Plasminogen Activator in a Rat Repeated-Injury Model. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 33514-33520	9.5	13
34	Peritoneal adhesion prevention with a biodegradable and injectable N,O-carboxymethyl chitosan-aldehyde hyaluronic acid hydrogel in a rat repeated-injury model. <i>Scientific Reports</i> , 2016 , 6, 37600	4.9	47
33	Enzyme-Catalyzed Formation of Supramolecular Hydrogels as Promising Vaccine Adjuvants. <i>Advanced Functional Materials</i> , 2016 , 26, 1822-1829	15.6	124
32	Paclitaxel and Tacrolimus Coencapsulated Polymeric Micelles That Enhance the Therapeutic Effect of Drug-Resistant Ovarian Cancer. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 4368-77	9.5	34
31	LHD-Modified Mechanism-Based Liposome Coencapsulation of Mitoxantrone and Prednisolone Using Novel Lipid Bilayer Fusion for Tissue-Specific Colocalization and Synergistic Antitumor Effects. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 6586-601	9.5	18
30	Multifunctional "core-shell" nanoparticles-based gene delivery for treatment of aggressive melanoma. <i>Biomaterials</i> , 2016 , 111, 124-137	15.6	44
29	Strategies of polymeric nanoparticles for enhanced internalization in cancer therapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015 , 135, 56-72	6	62
28	Combined Delivery and Anti-Cancer Activity of Paclitaxel and Curcumin Using Polymeric Micelles. <i>Journal of Biomedical Nanotechnology</i> , 2015 , 11, 578-89	4	24
27	Polymeric nanoassemblies entrapping curcumin overcome multidrug resistance in ovarian cancer. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015 , 126, 26-34	6	34
26	Thermosensitive hydrogel containing dexamethasone micelles for preventing postsurgical adhesion in a repeated-injury model. <i>Scientific Reports</i> , 2015 , 5, 13553	4.9	31
25	Curcumin-encapsulated polymeric micelles suppress the development of colon cancer in vitro and in vivo. <i>Scientific Reports</i> , 2015 , 5, 10322	4.9	102
24	Cationic nanocarriers induce cell necrosis through impairment of Na(+)/K(+)-ATPase and cause subsequent inflammatory response. <i>Cell Research</i> , 2015 , 25, 237-53	24.7	162
23	Biodegradable and injectable in situ cross-linking chitosan-hyaluronic acid based hydrogels for postoperative adhesion prevention. <i>Biomaterials</i> , 2014 , 35, 3903-17	15.6	258
22	Co-delivery of doxorubicin and curcumin by polymeric micelles for improving antitumor efficacy on breast carcinoma. <i>RSC Advances</i> , 2014 , 4, 46737-46750	3.7	33
21	Prevention of desiccation induced postsurgical adhesion by thermosensitive micelles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014 , 122, 309-315	6	6
20	Biodegradable and thermosensitive micelles inhibit ischemia-induced postoperative peritoneal adhesion. <i>International Journal of Nanomedicine</i> , 2014 , 9, 727-34	7.3	14
19	In vitro and in vivo safety evaluation of biodegradable self-assembled monomethyl poly (ethylene glycol)-poly (ε-caprolactone)-poly (trimethylene carbonate) micelles. <i>Journal of Pharmaceutical Sciences</i> , 2014 , 103, 305-13	3.9	13
18	Nanomedicine to overcome cancer multidrug resistance. <i>Current Drug Metabolism</i> , 2014 , 15, 632-49	3.5	17

17	Carrier-free nanoassemblies of a novel oxazolidinone compound FYL-67 display antimicrobial activity on methicillin-resistant <i>Staphylococcus aureus</i> . <i>Nanoscale</i> , 2013 , 5, 275-83	7.7	10
16	A biodegradable hydrogel system containing curcumin encapsulated in micelles for cutaneous wound healing. <i>Biomaterials</i> , 2013 , 34, 6377-87	15.6	339
15	Improving antiangiogenesis and anti-tumor activity of curcumin by biodegradable polymeric micelles. <i>Biomaterials</i> , 2013 , 34, 1413-32	15.6	176
14	Improving therapeutic effect in ovarian peritoneal carcinomatosis with honokiol nanoparticles in a thermosensitive hydrogel composite. <i>RSC Advances</i> , 2012 , 2, 7759	3.7	10
13	Improving intraperitoneal chemotherapeutic effect and preventing postsurgical adhesions simultaneously with biodegradable micelles. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2012 , 8, 963-73	6	34
12	Efficient inhibition of colorectal peritoneal carcinomatosis by drug loaded micelles in thermosensitive hydrogel composites. <i>Nanoscale</i> , 2012 , 4, 3095-104	7.7	99
11	Improving anti-tumor activity with polymeric micelles entrapping paclitaxel in pulmonary carcinoma. <i>Nanoscale</i> , 2012 , 4, 6004-17	7.7	71
10	Preventing postoperative abdominal adhesions in a rat model with PEG-PCL-PEG hydrogel. <i>International Journal of Nanomedicine</i> , 2012 , 7, 547-57	7.3	41
9	Mannan Loaded Biodegradable and Injectable Thermosensitive PCL-PEG-PCL Hydrogel for Vaccine Delivery. <i>Soft Materials</i> , 2012 , 10, 472-486	1.7	22
8	Biodegradable self-assembled PEG-PCL-PEG micelles for hydrophobic drug delivery, part 2: in vitro and in vivo toxicity evaluation. <i>Journal of Nanoparticle Research</i> , 2011 , 13, 721-731	2.3	40
7	Biodegradable self-assembled PEG-PCL-PEG micelles for hydrophobic honokiol delivery: I. Preparation and characterization. <i>Nanotechnology</i> , 2010 , 21, 215103	3.4	67
6	Synthesis and characterization of PEG-PCL-PEG thermosensitive hydrogel. <i>International Journal of Pharmaceutics</i> , 2009 , 365, 89-99	6.5	281
5	Self-assembled honokiol-loaded micelles based on poly(epsilon-caprolactone)-poly(ethylene glycol)-poly(epsilon-caprolactone) copolymer. <i>International Journal of Pharmaceutics</i> , 2009 , 369, 170-5	6.5	61
4	Biodegradable in situ gel-forming controlled drug delivery system based on thermosensitive PCL-PEG-PCL hydrogel. Part 2: sol-gel-sol transition and drug delivery behavior. <i>Acta Biomaterialia</i> , 2009 , 5, 3358-70	10.8	163
3	Novel composite drug delivery system for honokiol delivery: self-assembled poly(ethylene glycol)-poly(epsilon-caprolactone)-poly(ethylene glycol) micelles in thermosensitive poly(ethylene glycol)-poly(epsilon-caprolactone)-poly(ethylene glycol) hydrogel. <i>Journal of Physical Chemistry B</i> , 2009 , 113, 10183-8	3.4	41
2	Preparation and Characterization of pH Sensitive Semi-interpenetrating Network Hydrogel Based on Methacrylic Acid, Bovine Serum Albumin (BSA), and PEG. <i>Journal of Polymer Research</i> , 2007 , 13, 349-355	2.7	39
1	In Vitro Degradation Behavior of Polyesteramide Copolymer Fiber Based on 6-Aminocaproic Acid, Adipic Acid, and 1,6-Hexane Diol. <i>Journal of Polymer Research</i> , 2007 , 14, 31-37	2.7	6