

Changyang Gong

List of Publications by Citations

Source: <https://exaly.com/author-pdf/3790473/changyang-gong-publications-by-citations.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.

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 biodegradable hydrogel system containing curcumin encapsulated in micelles for cutaneous wound healing. <i>Biomaterials</i> , 2013 , 34, 6377-87	15.6	339
69	Synthesis and characterization of PEG-PCL-PEG thermosensitive hydrogel. <i>International Journal of Pharmaceutics</i> , 2009 , 365, 89-99	6.5	281
68	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
67	Improving antiangiogenesis and anti-tumor activity of curcumin by biodegradable polymeric micelles. <i>Biomaterials</i> , 2013 , 34, 1413-32	15.6	176
66	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
65	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
64	Artificial Virus Delivers CRISPR-Cas9 System for Genome Editing of Cells in Mice. <i>ACS Nano</i> , 2017 , 11, 95-111	16.7	161
63	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
62	Enzyme-Catalyzed Formation of Supramolecular Hydrogels as Promising Vaccine Adjuvants. <i>Advanced Functional Materials</i> , 2016 , 26, 1822-1829	15.6	124
61	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
60	Efficient inhibition of colorectal peritoneal carcinomatosis by drug loaded micelles in thermosensitive hydrogel composites. <i>Nanoscale</i> , 2012 , 4, 3095-104	7.7	99
59	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
58	Improving anti-tumor activity with polymeric micelles entrapping paclitaxel in pulmonary carcinoma. <i>Nanoscale</i> , 2012 , 4, 6004-17	7.7	71
57	Biodegradable self-assembled PEG-PCL-PEG micelles for hydrophobic honokiol delivery: I. Preparation and characterization. <i>Nanotechnology</i> , 2010 , 21, 215103	3.4	67
56	Strategies of polymeric nanoparticles for enhanced internalization in cancer therapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015 , 135, 56-72	6	62
55	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
54	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

53	Multifunctional "core-shell" nanoparticles-based gene delivery for treatment of aggressive melanoma. <i>Biomaterials</i> , 2016 , 111, 124-137	15.6	44
52	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
51	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
50	Delivery of CRISPR/Cas systems for cancer gene therapy and immunotherapy. <i>Advanced Drug Delivery Reviews</i> , 2021 , 168, 158-180	18.5	41
49	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
48	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
47	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
46	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
45	Polymeric nanoassemblies entrapping curcumin overcome multidrug resistance in ovarian cancer. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015 , 126, 26-34	6	34
44	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
43	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
42	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
41	Thermosensitive hydrogel containing dexamethasone micelles for preventing postsurgical adhesion in a repeated-injury model. <i>Scientific Reports</i> , 2015 , 5, 13553	4.9	31
40	Engineered fluorescent carbon dots as promising immune adjuvants to efficiently enhance cancer immunotherapy. <i>Nanoscale</i> , 2018 , 10, 22035-22043	7.7	31
39	Gambogic acid-encapsulated polymeric micelles improved therapeutic effects on pancreatic cancer. <i>Chinese Chemical Letters</i> , 2019 , 30, 885-888	8.1	30
38	Multifunctional Nucleus-targeting Nanoparticles with Ultra-high Gene Transfection Efficiency for Gene Therapy. <i>Theranostics</i> , 2017 , 7, 1633-1649	12.1	29
37	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
36	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

35	TRAIL and curcumin codelivery nanoparticles enhance TRAIL-induced apoptosis through upregulation of death receptors. <i>Drug Delivery</i> , 2017 , 24, 1526-1536	7	25
34	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
33	Mannan Loaded Biodegradable and Injectable Thermosensitive PCL-PEG-PCL Hydrogel for Vaccine Delivery. <i>Soft Materials</i> , 2012 , 10, 472-486	1.7	22
32	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
31	Improving Cancer Immunotherapy Outcomes Using Biomaterials. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 17332-17343	16.4	21
30	Nanomaterials for radiotherapeutics-based multimodal synergistic cancer therapy. <i>Nano Research</i> , 2020 , 13, 2579-2594	10	18
29	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
28	Characterizing dedifferentiation of thyroid cancer by integrated analysis. <i>Science Advances</i> , 2021 , 7,	14.3	18
27	Nanomedicine to overcome cancer multidrug resistance. <i>Current Drug Metabolism</i> , 2014 , 15, 632-49	3.5	17
26	Gambogic Acid-Loaded Polymeric Micelles for Improved Therapeutic Effect in Breast Cancer. <i>Journal of Biomedical Nanotechnology</i> , 2018 , 14, 1695-1704	4	15
25	Biodegradable and thermosensitive micelles inhibit ischemia-induced postoperative peritoneal adhesion. <i>International Journal of Nanomedicine</i> , 2014 , 9, 727-34	7.3	14
24	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
23	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
22	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}	15.6	13
21	A glutathione-activatable nanoplatfom for enhanced photodynamic therapy with simultaneous hypoxia relief and glutathione depletion. <i>Chemical Engineering Journal</i> , 2021 , 403, 126305	14.7	13
20	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
19	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
18	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

17	A spontaneously formed and self-adjuvanted hydrogel vaccine triggers strong immune responses. <i>Materials and Design</i> , 2021 , 197, 109232	8.1	10
16	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
15	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
14	Self-Adjuvanted Molecular Activator (SeaMac) Nanovaccines Promote Cancer Immunotherapy. <i>Advanced Healthcare Materials</i> , 2021 , 10, e2002080	10.1	7
13	Prevention of desiccation induced postsurgical adhesion by thermosensitive micelles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014 , 122, 309-315	6	6
12	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
11	Atherosclerosis and Nanomedicine Potential: Current Advances and Future Opportunities. <i>Current Medicinal Chemistry</i> , 2020 , 27, 3534-3554	4.3	6
10	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
9	Sclerostin injection enhances orthodontic tooth movement in rats. <i>Archives of Oral Biology</i> , 2019 , 99, 43-50	2.8	5
8	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
7	Improving Cancer Immunotherapy Outcomes Using Biomaterials. <i>Angewandte Chemie</i> , 2020 , 132, 17484-17495	17.4954	
6	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
5	Emerging nanomaterials applied for tackling the COVID-19 cytokine storm. <i>Journal of Materials Chemistry B</i> , 2021 , 9, 8185-8201	7.3	3
4	A programmable hierarchical-responsive nanoCRISPR elicits robust activation of endogenous target to treat cancer. <i>Theranostics</i> , 2021 , 11, 9833-9846	12.1	2
3	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
2	CRISPR-Cas9 Delivery by Artificial Virus (RRPHC). <i>Methods in Molecular Biology</i> , 2019 , 1961, 81-91	1.4	1
1	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	