

# Xiang Gao

## List of Publications by Year in descending order

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Version: 2024-02-01

47  
papers

1,241  
citations

361045

20  
h-index

377514

34  
g-index

52  
all docs

52  
docs citations

52  
times ranked

2522  
citing authors

#	ARTICLE	IF	CITATIONS
1	Anticancer effect and mechanism of polymer micelle-encapsulated quercetin on ovarian cancer. <i>Nanoscale</i> , 2012, 4, 7021.	2.8	144
2	EGF and curcumin co-encapsulated nanoparticle/hydrogel system as potent skin regeneration agent. <i>International Journal of Nanomedicine</i> , 2016, Volume 11, 3993-4009.	3.3	87
3	Preparation, characterization and application of star-shaped PCL/PEG micelles for the delivery of doxorubicin in the treatment of colon cancer. <i>International Journal of Nanomedicine</i> , 2013, 8, 971.	3.3	68
4	Interleukin-10 deficiency impairs regulatory T cell-derived neuropilin-1 functions and promotes Th1 and Th17 immunity. <i>Scientific Reports</i> , 2016, 6, 24249.	1.6	68
5	Improving the anti-ovarian cancer activity of docetaxel with biodegradable self-assembly micelles through various evaluations. <i>Biomaterials</i> , 2015, 53, 646-658.	5.7	55
6	Powerful Anticolon Tumor Effect of Targeted Gene Immunotherapy Using Folate-Modified Nanoparticle Delivery of CCL19 To Activate the Immune System. <i>ACS Central Science</i> , 2019, 5, 277-289.	5.3	50
7	Enhanced antitumor effects by docetaxel/LL37-loaded thermosensitive hydrogel nanoparticles in peritoneal carcinomatosis of colorectal cancer. <i>International Journal of Nanomedicine</i> , 2015, 10, 7291.	3.3	49
8	Tumor-promoting effect of IL-23 in mammary cancer mediated by infiltration of M2 macrophages and neutrophils in tumor microenvironment. <i>Biochemical and Biophysical Research Communications</i> , 2017, 482, 1400-1406.	1.0	49
9	Modified nanoparticle mediated IL-12 immunogene therapy for colon cancer. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 1993-2004.	1.7	48
10	Strengthened and Thermally Resistant Poly(lactic acid)-Based Composite Nanofibers Prepared via Easy Stereocomplexation with Antibacterial Effects. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 42992-43002.	4.0	45
11	Improving the anti-colon cancer activity of curcumin with biodegradable nano-micelles. <i>Journal of Materials Chemistry B</i> , 2013, 1, 5778.	2.9	43
12	Powerful anti-colon cancer effect of modified nanoparticle-mediated IL-15 immunogene therapy through activation of the host immune system. <i>Theranostics</i> , 2018, 8, 3490-3503.	4.6	38
13	Enhancing the anti-colon cancer activity of quercetin by self-assembled micelles. <i>International Journal of Nanomedicine</i> , 2015, 10, 2051.	3.3	35
14	Novel thermosensitive hydrogel for preventing formation of abdominal adhesions. <i>International Journal of Nanomedicine</i> , 2013, 8, 2453.	3.3	28
15	Dual Drug Loaded Biodegradable Nanofibrous Microsphere for Improving Anti-Colon Cancer Activity. <i>Scientific Reports</i> , 2016, 6, 28373.	1.6	27
16	Mechanism of substrate specificity of phosphatidylinositol phosphate kinases. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 8711-8716.	3.3	27
17	Functionalized DMP-039 Hybrid Nanoparticle as a Novel mRNA Vector for Efficient Cancer Suicide Gene Therapy. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 5211-5232.	3.3	24
18	Synergy of Immunostimulatory Genetherapy with Immune Checkpoint Blockade Motivates Immune Response to Eliminate Cancer. <i>Advanced Functional Materials</i> , 2021, 31, 2100715.	7.8	23

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19	Enhancing the anti-glioma therapy of doxorubicin by honokiol with biodegradable self-assembling micelles through multiple evaluations. <i>Scientific Reports</i> , 2017, 7, 43501.	1.6	22
20	Biodegradable micelles enhance the antiglioma activity of curcumin in vitro and in vivo. <i>International Journal of Nanomedicine</i> , 2016, 11, 2721.	3.3	21
21	Targeting EZH2 for glioma therapy with a novel nanoparticle&ndash;siRNA complex. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 2637-2653.	3.3	21
22	Preparation of Anti-CD40 Antibody Modified Magnetic PCL-PEG-PCL Microspheres. <i>Journal of Biomedical Nanotechnology</i> , 2011, 7, 285-291.	0.5	20
23	Injectable thermosensitive hydrogel composite with surface-functionalized calcium phosphate as raw materials. <i>International Journal of Nanomedicine</i> , 2014, 9, 615.	3.3	20
24	Targeted MIP-3 <sup>12</sup> plasmid nanoparticles induce dendritic cell maturation and inhibit M2 macrophage polarisation to suppress cancer growth. <i>Biomaterials</i> , 2020, 249, 120046.	5.7	20
25	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 &amp; Interfaces</i> , 2016, 8, 6586-6601.	4.0	19
26	Inhibition of A20 expression in tumor microenvironment exerts anti-tumor effect through inducing myeloid-derived suppressor cells apoptosis. <i>Scientific Reports</i> , 2015, 5, 16437.	1.6	18
27	Co-Delivery of Paclitaxel and shMCL-1 by Folic Acid-Modified Nonviral Vector to Overcome Cancer Chemotherapy Resistance. <i>Small Methods</i> , 2021, 5, 2001132.	4.6	18
28	Application of luteolin nanomicelles anti-glioma effect with improvement <i>in vitro</i> and <i>in vivo</i> . <i>Oncotarget</i> , 2017, 8, 61146-61162.	0.8	17
29	Biodegradable and thermosensitive micelles inhibit ischemia-induced postoperative peritoneal adhesion. <i>International Journal of Nanomedicine</i> , 2014, 9, 727.	3.3	15
30	Non-viral vector mediated CKb11 with folic acid modification regulates macrophage polarization and DC maturation to elicit immune response against cancer. <i>Bioactive Materials</i> , 2021, 6, 3678-3691.	8.6	13
31	Applying an innovative biodegradable self-assembly nanomicelles to deliver $\pm$ -mangostin for improving anti-melanoma activity. <i>Cell Death and Disease</i> , 2019, 10, 146.	2.7	11
32	Lateral lymph node dissection reduces local recurrence of locally advanced lower rectal cancer in the absence of preoperative neoadjuvant chemoradiotherapy: a systematic review and meta-analysis. <i>World Journal of Surgical Oncology</i> , 2020, 18, 304.	0.8	11
33	Kinectin 1 promotes the growth of triple-negative breast cancer via directly co-activating NF-kappaB/p65 and enhancing its transcriptional activity. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 250.	7.1	10
34	Enhanced uptake and improved anti-tumor efficacy of doxorubicin loaded fibrin gel with liposomal apatinib in colorectal cancer. <i>International Journal of Pharmaceutics</i> , 2018, 552, 319-327.	2.6	9
35	Improved anti-tumor efficacy via combination of oxaliplatin and fibrin glue in colorectal cancer. <i>Oncotarget</i> , 2018, 9, 2515-2526.	0.8	9
36	Preparation of honokiol with biodegradable nanoparticles for treatment of osteosarcoma. <i>RSC Advances</i> , 2016, 6, 94278-94286.	1.7	8

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37	The Antitumor Effects of Icaritin Against Breast Cancer is Related to Estrogen Receptors. <i>Current Molecular Medicine</i> , 2021, 21, 73-85.	0.6	8
38	Synergetic therapy of glioma mediated by a dual delivery system loading $\hat{\pm}$ -mangostin and doxorubicin through cell cycle arrest and apoptotic pathways. <i>Cell Death and Disease</i> , 2020, 11, 928.	2.7	7
39	Novel Chemically Synthesized, Alpha-Mangostin-Loaded Nano-Particles, Enhanced Cell Death Through Multiple Pathways Against Malignant Glioma. <i>Journal of Biomedical Nanotechnology</i> , 2018, 14, 1866-1882.	0.5	7
40	Delivery siRNA with a novel gene vector for glioma therapy by targeting Gli1. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 4781-4793.	3.3	6
41	Pre-blocked molecular shuttle as an in-situ real-time theranostics. <i>Biomaterials</i> , 2019, 204, 46-58.	5.7	6
42	Simultaneous delivery of immune stimulatory gene and checkpoint blocker via targeted nanoparticles to strengthen antitumor immunity. <i>Materials Today Nano</i> , 2022, 17, 100151.	2.3	5
43	Local delivery of superagonist gene based on polymer nanoparticles for cancer immunotherapy. <i>Chinese Chemical Letters</i> , 2023, 34, 107603.	4.8	3
44	Rare case of drain-site hernia after laparoscopic surgery and a novel strategy of prevention: A case report. <i>World Journal of Clinical Cases</i> , 2020, 8, 6504-6510.	0.3	2
45	Nonviral vector system for cancer immunogene therapy. , 2022, 1, .		2
46	Nomograms for predicting cancer-specific and overall survival in patients with invasive extramammary Paget's disease. <i>Future Oncology</i> , 2021, 17, 2785-2801.	1.1	1
47	Correction: Improved anti-tumor efficacy via combination of oxaliplatin and fibrin glue in colorectal cancer. <i>Oncotarget</i> , 2020, 11, 3484-3485.	0.8	1