

# Zhonggao Gao

## List of Publications by Year in descending order

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Version: 2024-02-01

36  
papers

1,249  
citations

430874

18  
h-index

361022

35  
g-index

36  
all docs

36  
docs citations

36  
times ranked

1944  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanocarrier-mediated co-delivery of chemotherapeutic drugs and gene agents for cancer treatment. <i>Acta Pharmaceutica Sinica B</i> , 2015, 5, 169-175.	12.0	166
2	Recent advances in drug delivery systems for targeting cancer stem cells. <i>Acta Pharmaceutica Sinica B</i> , 2021, 11, 55-70.	12.0	124
3	Smart polymeric nanoparticles with pH-responsive and PEG-detachable properties for co-delivering paclitaxel and survivin siRNA to enhance antitumor outcomes. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 2405-2426.	6.7	96
4	The influence of the gut microbiota on the bioavailability of oral drugs. <i>Acta Pharmaceutica Sinica B</i> , 2021, 11, 1789-1812.	12.0	94
5	Multifunctional oral delivery systems for enhanced bioavailability of therapeutic peptides/proteins. <i>Acta Pharmaceutica Sinica B</i> , 2019, 9, 902-922.	12.0	93
6	Nanomedicine-based combination anticancer therapy between nucleic acids and small-molecular drugs. <i>Advanced Drug Delivery Reviews</i> , 2017, 115, 82-97.	13.7	64
7	Chitosan-based nanoparticles for survivin targeted siRNA delivery in breast tumor therapy and preventing its metastasis. <i>International Journal of Nanomedicine</i> , 2016, Volume 11, 4931-4945.	6.7	63
8	Systemic siRNA Delivery with a Dual pH-Responsive and Tumor-targeted Nanovector for Inhibiting Tumor Growth and Spontaneous Metastasis in Orthotopic Murine Model of Breast Carcinoma. <i>Theranostics</i> , 2017, 7, 357-376.	10.0	61
9	siRNA-loaded poly(histidine-arginine)-modified chitosan nanoparticle with enhanced cell-penetrating and endosomal escape capacities for suppressing breast tumor metastasis. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 3221-3234.	6.7	58
10	Improving glioblastoma therapeutic outcomes via doxorubicin-loaded nanomicelles modified with borneol. <i>International Journal of Pharmaceutics</i> , 2019, 567, 118485.	5.2	41
11	Polydatin protects the respiratory system from PM2.5 exposure. <i>Scientific Reports</i> , 2017, 7, 40030.	3.3	37
12	Targeted therapeutic effects of oral inulin-modified double-layered nanoparticles containing chemotherapeutics on orthotopic colon cancer. <i>Biomaterials</i> , 2022, 283, 121440.	11.4	37
13	An effective tumor-targeting strategy utilizing hypoxia-sensitive siRNA delivery system for improved anti-tumor outcome. <i>Acta Biomaterialia</i> , 2016, 44, 341-354.	8.3	34
14	Topical Application of JAK1/JAK2 Inhibitor Momelotinib Exhibits Significant Anti-Inflammatory Responses in DNCB-Induced Atopic Dermatitis Model Mice. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3973.	4.1	33
15	Hybrid polymeric micelles based on bioactive polypeptides as pH-responsive delivery systems against melanoma. <i>Biomaterials</i> , 2014, 35, 7008-7021.	11.4	25
16	Preparation, in vitro and in vivo evaluation of chitosan-sodium alginate-ethyl cellulose polyelectrolyte film as a novel buccal mucosal delivery vehicle. <i>European Journal of Pharmaceutical Sciences</i> , 2022, 168, 106085.	4.0	25
17	Sequential Delivery of Quercetin and Paclitaxel for the Fibrotic Tumor Microenvironment Remodeling and Chemotherapy Potentiation via a Dual-Targeting Hybrid Micelle-in-Liposome System. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 10102-10116.	8.0	23
18	Improving the anti-keloid outcomes through liposomes loading paclitaxel-cholesterol complexes. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 1385-1400.	6.7	21

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19	Efficient Anti-Glioma Therapy Through the Brain-Targeted RVG15-Modified Liposomes Loading Paclitaxel-Cholesterol Complex. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 5755-5776.	6.7	18
20	Smart Polymeric Nanoparticles with pH-Responsive and PEG-Detachable Properties (II): Co-Delivery of Paclitaxel and VEGF siRNA for Synergistic Breast Cancer Therapy in Mice. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 5479-5494.	6.7	17
21	Effective oral delivery of Exenatide-Zn <sup>2+</sup> complex through distal ileum-targeted double layers nanocarriers modified with deoxycholic acid and glycocholic acid in diabetes therapy. <i>Biomaterials</i> , 2021, 275, 120944.	11.4	16
22	Efficient antiglioblastoma therapy in mice through doxorubicin-loaded nanomicelles modified using a novel brain-targeted RVG-15 peptide. <i>Journal of Drug Targeting</i> , 2021, 29, 1016-1028.	4.4	13
23	Enhancing anti-melanoma outcomes in mice using novel chitooligosaccharide nanoparticles loaded with therapeutic survivin-targeted siRNA. <i>European Journal of Pharmaceutical Sciences</i> , 2021, 158, 105641.	4.0	11
24	A Novel Monomethoxy Polyethylene Glycol-Polylactic Acid Polymeric Micelles with Higher Loading Capacity for Docetaxel and Well-Reconstitution Characteristics and Its Anti-metastasis Study. <i>Chemical and Pharmaceutical Bulletin</i> , 2012, 60, 1146-1154.	1.3	9
25	A comparative study on the effect of docetaxel-albumin nanoparticles and docetaxel-loaded PEG-albumin nanoparticles against non-small cell lung cancer. <i>International Journal of Oncology</i> , 2015, 47, 1945-1953.	3.3	9
26	PEGylation of Lumbrokinase improves pharmacokinetic profile and enhances anti-thrombotic effect in a rat carotid artery thrombosis model. <i>Molecular Medicine Reports</i> , 2017, 16, 4909-4914.	2.4	9
27	Biomimetic and temporal-controlled nanocarriers with ileum transporter targeting for achieving oral administration of chemotherapeutic drugs. <i>Journal of Nanobiotechnology</i> , 2022, 20, .	9.1	9
28	Lx2-32c&ndash;loaded polymeric micelles with small size for intravenous drug delivery and their inhibitory effect on tumor growth and metastasis in clinically associated 4T1 murine breast cancer. <i>International Journal of Nanomedicine</i> , 2016, Volume 11, 5457-5472.	6.7	8
29	Docetaxel-loaded PEG-albumin nanoparticles with improved antitumor efficiency against non-small cell lung cancer. <i>Oncology Reports</i> , 2016, 36, 871-876.	2.6	7
30	Development and Evaluation of a PSMA-Targeted Nanosystem Co-Packaging Docetaxel and Androgen Receptor siRNA for Castration-Resistant Prostate Cancer Treatment. <i>Pharmaceutics</i> , 2022, 14, 964.	4.5	7
31	<p>Improved Antitumor Outcomes for Colon Cancer Using Nanomicelles Loaded with the Novel Antitumor Agent LA67</p>. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 3563-3576.	6.7	6
32	Development of Mitomycin C-Loaded Nanoparticles Prepared Using the Micellar Assembly Driven by the Combined Effect of Hydrogen Bonding and I€œ“€ Stacking and Its Therapeutic Application in Bladder Cancer. <i>Pharmaceutics</i> , 2021, 13, 1776.	4.5	6
33	Lipid nano-bubble combined with ultrasound for anti-keioids therapy. <i>Journal of Liposome Research</i> , 2018, 28, 5-13.	3.3	5
34	Anti-tumor effects in mice induced by Bcl-2 targeted siRNA delivered by TAT- g- CS vector. <i>Journal of Controlled Release</i> , 2015, 213, e109-e110.	9.9	2
35	Co-Delivery of Repurposing Itraconazole and VEGF siRNA by Composite Nanoparticulate System for Collaborative Anti-Angiogenesis and Anti-Tumor Efficacy against Breast Cancer. <i>Pharmaceutics</i> , 2022, 14, 1369.	4.5	2
36	Doxorubicin-loaded polymeric micelles based on bioactive polypeptides: Suppress invasion of melanoma cells and alleviate doxorubicin-induced cardiotoxicity. <i>Journal of Controlled Release</i> , 2015, 213, e91.	9.9	0