

# Guang-xi Zhai

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9029569/publications.pdf>

Version: 2024-02-01

49  
papers

2,637  
citations

172457

29  
h-index

206112

48  
g-index

49  
all docs

49  
docs citations

49  
times ranked

4153  
citing authors

#	ARTICLE	IF	CITATIONS
1	Advances in autophagy as a target in the treatment of tumours. <i>Journal of Drug Targeting</i> , 2022, 30, 166-187.	4.4	7
2	Tumor microenvironment-responsive size-switchable drug delivery nanosystems. <i>Expert Opinion on Drug Delivery</i> , 2022, 19, 221-234.	5.0	11
3	Mesoporous Silica Carrier-Based Composites for Taste-Masking of Bitter Drug: Fabrication and Palatability Evaluation. <i>AAPS PharmSciTech</i> , 2022, 23, 75.	3.3	3
4	An overview of in vitro dissolution testing for film dosage forms. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 71, 103297.	3.0	0
5	Chondroitin sulfate-based nanoparticles for enhanced chemo-photodynamic therapy overcoming multidrug resistance and lung metastasis of breast cancer. <i>Carbohydrate Polymers</i> , 2021, 254, 117459.	10.2	51
6	Research progress in tumor targeted immunotherapy. <i>Expert Opinion on Drug Delivery</i> , 2021, 18, 1067-1090.	5.0	11
7	A review of stimuli-responsive polymeric micelles for tumor-targeted delivery of curcumin. <i>Drug Development and Industrial Pharmacy</i> , 2021, 47, 839-856.	2.0	15
8	Development of Effective Tumor Vaccine Strategies Based on Immune Response Cascade Reactions. <i>Advanced Healthcare Materials</i> , 2021, 10, e2100299.	7.6	20
9	Cancer targeted biomimetic drug delivery system. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 63, 102530.	3.0	10
10	The reversal of chemotherapy-induced multidrug resistance by nanomedicine for cancer therapy. <i>Journal of Controlled Release</i> , 2021, 335, 1-20.	9.9	59
11	Nanotechnology for Boosting Cancer Immunotherapy and Remodeling Tumor Microenvironment: The Horizons in Cancer Treatment. <i>ACS Nano</i> , 2021, 15, 12567-12603.	14.6	112
12	RVG-functionalized reduction sensitive micelles for the effective accumulation of doxorubicin in brain. <i>Journal of Nanobiotechnology</i> , 2021, 19, 251.	9.1	20
13	NIR-triggerable ROS-responsive cluster-bomb-like nanoplatfrom for enhanced tumor penetration, phototherapy efficiency and antitumor immunity. <i>Biomaterials</i> , 2021, 278, 121135.	11.4	33
14	A molybdenum oxide-based degradable nanosheet for combined chemo-photothermal therapy to improve tumor immunosuppression and suppress distant tumors and lung metastases. <i>Journal of Nanobiotechnology</i> , 2021, 19, 428.	9.1	10
15	Quantitative prediction of the bitterness of atomoxetine hydrochloride and taste-masked using hydroxypropyl- $\beta$ -cyclodextrin: A biosensor evaluation and interaction study. <i>Asian Journal of Pharmaceutical Sciences</i> , 2020, 15, 492-505.	9.1	14
16	Paclitaxel and quercetin co-loaded functional mesoporous silica nanoparticles overcoming multidrug resistance in breast cancer. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 196, 111284.	5.0	77
17	Chondroitin sulfate derived theranostic and therapeutic nanocarriers for tumor-targeted drug delivery. <i>Carbohydrate Polymers</i> , 2020, 233, 115837.	10.2	34
18	Photo-triggered self-destructive ROS-responsive nanoparticles of high paclitaxel/chlorin e6 co-loading capacity for synergetic chemo-photodynamic therapy. <i>Journal of Controlled Release</i> , 2020, 323, 333-349.	9.9	49

#	ARTICLE	IF	CITATIONS
19	Cell-penetrating peptide: a means of breaking through the physiological barriers of different tissues and organs. <i>Journal of Controlled Release</i> , 2019, 309, 106-124.	9.9	94
20	Pluronic F127-functionalized molybdenum oxide nanosheets with pH-dependent degradability for chemo-photothermal cancer therapy. <i>Journal of Colloid and Interface Science</i> , 2019, 553, 567-580.	9.4	31
21	&lt;p&gt;Characterization and bioactivity of self-assembled anti-angiogenic chondroitin sulphate-ES2-AF nanoparticle conjugate&lt;p&gt;. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 2573-2589.	6.7	10
22	Multifunctional Polyethylene Glycol (PEG)-Poly (Lactic-Co-Glycolic Acid) (PLGA)-Based Nanoparticles Loading Doxorubicin and Tetrahydrocurcumin for Combined Chemoradiotherapy of Glioma. <i>Medical Science Monitor</i> , 2019, 25, 9737-9751.	1.1	22
23	Amphiphilic polysaccharides as building blocks for self-assembled nanosystems: molecular design and application in cancer and inflammatory diseases. <i>Journal of Controlled Release</i> , 2018, 272, 114-144.	9.9	59
24	Development of redox-responsive theranostic nanoparticles for near-infrared fluorescence imaging-guided photodynamic/chemotherapy of tumor. <i>Drug Delivery</i> , 2018, 25, 780-796.	5.7	44
25	Recent progress of drug nanoformulations targeting to brain. <i>Journal of Controlled Release</i> , 2018, 291, 37-64.	9.9	134
26	Crosslinked self-assembled nanoparticles for chemo-sonodynamic combination therapy favoring antitumor, antimetastasis management and immune responses. <i>Journal of Controlled Release</i> , 2018, 290, 150-164.	9.9	103
27	The enhanced effect of tetrahydrocurcumin on radiosensitivity of glioma cells. <i>Journal of Pharmacy and Pharmacology</i> , 2018, 70, 749-759.	2.4	12
28	Redox-sensitive self-assembled nanoparticles based on alpha-tocopherol succinate-modified heparin for intracellular delivery of paclitaxel. <i>Journal of Colloid and Interface Science</i> , 2017, 496, 311-326.	9.4	61
29	Insight into the role of dual-ligand modification in low molecular weight heparin based nanocarrier for targeted delivery of doxorubicin. <i>International Journal of Pharmaceutics</i> , 2017, 523, 427-438.	5.2	25
30	Self-assembled micelles based on Chondroitin sulfate/poly ( d , l -lactide-co-glycolide) block copolymers for doxorubicin delivery. <i>Journal of Colloid and Interface Science</i> , 2017, 492, 101-111.	9.4	33
31	Progress in brain targeting drug delivery system by nasal route. <i>Journal of Controlled Release</i> , 2017, 268, 364-389.	9.9	256
32	Internal stimuli-responsive nanocarriers for drug delivery: Design strategies and applications. <i>Materials Science and Engineering C</i> , 2017, 71, 1267-1280.	7.3	161
33	Intelligent polymeric micelles: development and application as drug delivery for docetaxel. <i>Journal of Drug Targeting</i> , 2017, 25, 285-295.	4.4	10
34	Tumor targeting strategies for chitosan-based nanoparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 148, 460-473.	5.0	63
35	Self-assembled nanoparticles based on chondroitin sulfate-deoxycholic acid conjugates for docetaxel delivery: Effect of degree of substitution of deoxycholic acid. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 146, 235-244.	5.0	40
36	pH-responsive copolymers based on pluronic P123-poly(Î²-amino ester): Synthesis, characterization and application of copolymer micelles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 142, 114-122.	5.0	35

#	ARTICLE	IF	CITATIONS
37	Biomedical applications of the graphene-based materials. <i>Materials Science and Engineering C</i> , 2016, 61, 953-964.	7.3	162
38	Advances in Hyaluronic Acid-Based Drug Delivery Systems. <i>Current Drug Targets</i> , 2016, 17, 720-730.	2.1	48
39	Chondroitin sulfate-based nanocarriers for drug/gene delivery. <i>Carbohydrate Polymers</i> , 2015, 133, 391-399.	10.2	97
40	The design of pH-sensitive chitosan-based formulations for gastrointestinal delivery. <i>Drug Discovery Today</i> , 2015, 20, 1004-1011.	6.4	130
41	The role of glycyrrhetic acid modification on preparation and evaluation of quercetin-loaded chitosan-based self-aggregates. <i>Journal of Colloid and Interface Science</i> , 2015, 460, 87-96.	9.4	40
42	Advanced Nanocarriers Based on Heparin and Its Derivatives for Cancer Management. <i>Biomacromolecules</i> , 2015, 16, 423-436.	5.4	93
43	The synthesis, self-assembling, and biocompatibility of a novel O-carboxymethyl chitosan cholate decorated with glycyrrhetic acid. <i>Carbohydrate Polymers</i> , 2014, 111, 753-761.	10.2	53
44	Hyaluronic acid-quercetin conjugate micelles: Synthesis, characterization, in vitro and in vivo evaluation. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 123, 778-786.	5.0	72
45	Current research on hyaluronic acid-drug bioconjugates. <i>European Journal of Medicinal Chemistry</i> , 2014, 86, 310-317.	5.5	37
46	Polymer-drug conjugates: recent progress on administration routes. <i>Expert Opinion on Drug Delivery</i> , 2014, 11, 1075-1086.	5.0	50
47	Design of chitosan-based nanoformulations for efficient intracellular release of active compounds. <i>Nanomedicine</i> , 2014, 9, 723-740.	3.3	29
48	Progress in Intra-Articular Drug Delivery Systems for Osteoarthritis. <i>Current Drug Targets</i> , 2014, 15, 888-900.	2.1	16
49	Polymer-drug conjugates: present state of play and future perspectives. <i>Drug Discovery Today</i> , 2013, 18, 1316-1322.	6.4	81