Dunwan Zhu

List of Publications by Year
in descending order

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30 papers	1,031 citations	394286 19 h-index	454834 30 g-index
31 all docs	31 docs citations	31 times ranked	1542 citing authors

#	Article	IF	Citations
1	Programmed polymersomes with spatio-temporal delivery of antigen and dual-adjuvants for efficient dendritic cells-based cancer immunotherapy. Chinese Chemical Letters, 2022, 33, 4179-4184.	4.8	8
2	A Platelet Intelligent Vehicle with Navigation for Cancer Photothermal-Chemotherapy. ACS Nano, 2022, 16, 6359-6371.	7.3	33
3	Folate-targeted co-delivery polymersomes for efficient photo-chemo-antiangiogenic therapy against breast cancer and in vivo evaluation via OCTA/NIRF dual-modal imaging. Chinese Chemical Letters, 2022, 33, 5035-5041.	4.8	16
4	Spatio-temporal delivery of both intra- and extracellular toll-like receptor agonists for enhancing antigen-specific immune responses. Acta Pharmaceutica Sinica B, 2022, 12, 4486-4500.	5.7	6
5	Simple fabrication of Cu2+ doped calcium alginate hydrogel filtration membrane with excellent anti-fouling and antibacterial properties. Chinese Chemical Letters, 2021, 32, 1051-1054.	4.8	49
6	Oxygen- and bubble-generating polymersomes for tumor-targeted and enhanced photothermalâ€“photodynamic combination therapy. Biomaterials Science, 2021, 9, 5841-5853.	2.6	11
7	Robust Nanovaccine Based on Polydopamineâ€Coated Mesoporous Silica Nanoparticles for Effective Photothermalâ€Immunotherapy Against Melanoma. Advanced Functional Materials, 2021, 31, 2010637.	7.8	65
8	Polymer-Based Dual-Responsive Self-Emulsifying Nanodroplets as Potential Carriers for Poorly Soluble Drugs. ACS Applied Bio Materials, 2021, 4, 4441-4449.	2.3	2
9	Tumor targeted combination therapy mediated by functional macrophages under fluorescence imaging guidance. Journal of Controlled Release, 2020, 328, 127-140.	4.8	24
10	Gas-generating mesoporous silica nanoparticles with rapid localized drug release for enhanced chemophotothermal tumor therapy. Biomaterials Science, 2020, 8, 6754-6763.	2.6	11
11	LHRH/TAT dual peptides-conjugated polymeric vesicles for PTT enhanced chemotherapy to overcome hepatocellular carcinoma. Chinese Chemical Letters, 2020, 31, 3121-3126.	4.8	21
12	Zwitterionic Unimolecular Micelles with pH and Temperature Response: Enhanced In Vivo Circulation Stability and Tumor Therapeutic Efficiency. Langmuir, 2020, 36, 3356-3366.	1.6	23
13	A brain glioma gene delivery strategy by angiopep-2 and TAT-modified magnetic lipid-polymer hybrid nanoparticles. RSC Advances, 2020, 10, 41471-41481.	1.7	9
14	Biologically inspired silk fibroin grafted polyacrylonitrile filtration membrane prepared in ZnCl2 aqueous solution. Chinese Chemical Letters, 2019, 30, 239-242.	4.8	21
15	A Dualâ€Model Imaging Theragnostic System Based on Mesoporous Silica Nanoparticles for Enhanced Cancer Phototherapy. Advanced Healthcare Materials, 2019, 8, e1900840.	3.9	73
16	Co-delivery of antigen and dual agonists by programmed mannose-targeted cationic lipid-hybrid polymersomes for enhanced vaccination. Biomaterials, 2019, 206, 25-40.	5.7	72
17	Targeted Codelivery of an Antigen and Dual Agonists by Hybrid Nanoparticles for Enhanced Cancer Immunotherapy. Nano Letters, 2019, 19, 4237-4249.	4.5	135
18	Real-Time Imaging Tracking of a Dual Fluorescent Vaccine Delivery System Based on Ovalbumin Loaded Zinc Phthalocyanine-Incorporated Copolymer Nanoparticles. Journal of Biomedical Nanotechnology, 2019, 15, 100-112.	0.5	11

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19	Redox-Sensitive Folate-Conjugated Polymeric Nanoparticles for Combined Chemotherapy and Photothermal Therapy Against Breast Cancer. Journal of Biomedical Nanotechnology, 2018, 14, 2018-2030.	0.5	25
20	Bubble-generating polymersomes loaded with both indocyanine green and doxorubicin for effective chemotherapy combined with photothermal therapy. Acta Biomaterialia, 2018, 75, 386-397.	4.1	50
21	Dual pH/reduction-responsive hybrid polymeric micelles for targeted chemo-photothermal combination therapy. Acta Biomaterialia, 2018, 75, 371-385.	4.1	64
22	Simultaneous monitoring of the drug release and antitumor effect of a novel drug delivery system-MWCNTs/DOX/TC. Drug Delivery, 2017, 24, 143-151.	2.5	42
23	Folate-targeted polymersomes loaded with both paclitaxel and doxorubicin for the combination chemotherapy of hepatocellular carcinoma. Acta Biomaterialia, 2017, 58, 399-412.	4.1	71
24	Transactivator of transcription (TAT) peptide–chitosan functionalized multiwalled carbon nanotubes as a potential drug delivery vehicle for cancer therapy. International Journal of Nanomedicine, 2015, 10, 3829.	3.3	20
25	Folate-modified lipid–polymer hybrid nanoparticles for targeted paclitaxel delivery. International Journal of Nanomedicine, 2015, 10, 2101.	3.3	70
26	TAT-LHRH conjugated low molecular weight chitosan as a gene carrier specific for hepatocellular carcinoma cells. International Journal of Nanomedicine, 2014, 9, 2879.	3.3	21
27	Preparation and characterization of protein molecularly imprinted polysiloxane using mesoporous calcium silicate as matrix by solâ€“gel technology. Journal of Sol-Gel Science and Technology, 2014, 71, 428-436.	1.1	20
28	Evaluation of the impact of chitosan/DNA nanoparticles on the differentiation of human naive CD4+ T cells. Journal of Nanoparticle Research, 2011, 13, 2577-2585.	0.8	0
29	Local gene delivery via endovascular stents coated with dodecylated chitosan–plasmid DNA nanoparticles. International Journal of Nanomedicine, 2010, 5, 1095.	3.3	41
30	Hydrophilic/lipophilic N-methylene phosphonic chitosan as a promising non-viral vector for gene delivery. Journal of Materials Science: Materials in Medicine, 2010, 21, 223-229.	1.7	13