

Gan Liu

List of Publications by Year in descending order

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52
papers

4,140
citations

126907

33
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161849

54
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docs citations

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times ranked

5667
citing authors

#	ARTICLE	IF	CITATIONS
1	Polydopamine-Modified Black Phosphorous Nanocapsule with Enhanced Stability and Photothermal Performance for Tumor Multimodal Treatments. <i>Advanced Science</i> , 2018, 5, 1800510.	11.2	460
2	pH-Sensitive Delivery Vehicle Based on Folic Acid-Conjugated Polydopamine-Modified Mesoporous Silica Nanoparticles for Targeted Cancer Therapy. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 18462-18473.	8.0	375
3	A Multifunctional Nanoplatform against Multidrug Resistant Cancer: Merging the Best of Targeted Chemo/Gene/Photothermal Therapy. <i>Advanced Functional Materials</i> , 2017, 27, 1704135.	14.9	260
4	A Drug-Self-Caged Mesoporous Antitumor Nanoplatform Based on pH-Sensitive Dynamic Covalent Bond. <i>Advanced Functional Materials</i> , 2017, 27, 1605985.	14.9	255
5	Docetaxel (DTX)-loaded polydopamine-modified TPGS-PLA nanoparticles as a targeted drug delivery system for the treatment of liver cancer. <i>Acta Biomaterialia</i> , 2016, 30, 144-154.	8.3	243
6	TPGS-Functionalized Polydopamine-Modified Mesoporous Silica as Drug Nanocarriers for Enhanced Lung Cancer Chemotherapy against Multidrug Resistance. <i>Small</i> , 2017, 13, 1700623.	10.0	218
7	Polydopamine-based surface modification of mesoporous silica nanoparticles as pH-sensitive drug delivery vehicles for cancer therapy. <i>Journal of Colloid and Interface Science</i> , 2016, 463, 279-287.	9.4	205
8	Polydopamine-Based Surface Modification of Novel Nanoparticle-Aptamer Bioconjugates for <i>In Vivo</i> Breast Cancer Targeting and Enhanced Therapeutic Effects. <i>Theranostics</i> , 2016, 6, 470-484.	10.0	184
9	Glucose-Responsive Micelles from Self-Assembly of Poly(ethylene glycol)- <i>b</i> -Poly(acrylic) Tj ETQq1 1 0.784314 rgBT /Overlock 10 25, 12522-12528.	3.5	133
10	Phenylboronic Acid-Based Complex Micelles with Enhanced Glucose-Responsiveness at Physiological pH by Complexation with Glycopolymers. <i>Biomacromolecules</i> , 2012, 13, 3409-3417.	5.4	118
11	Iron Oxide Nanoparticles Induce Autophagosome Accumulation through Multiple Mechanisms: Lysosome Impairment, Mitochondrial Damage, and ER Stress. <i>Molecular Pharmaceutics</i> , 2016, 13, 2578-2587.	4.6	112
12	A multifunctional nanoplatform for cancer chemo-photothermal synergistic therapy and overcoming multidrug resistance. <i>Biomaterials Science</i> , 2018, 6, 1084-1098.	5.4	106
13	pH/Sugar Dual Responsive Core-Cross-Linked PIC Micelles for Enhanced Intracellular Protein Delivery. <i>Biomacromolecules</i> , 2013, 14, 3434-3443.	5.4	103
14	Black phosphorus nanosheets-based stable drug delivery system via drug-self-stabilization for combined photothermal and chemo cancer therapy. <i>Chemical Engineering Journal</i> , 2019, 375, 121917.	12.7	91
15	A glucose-responsive complex polymeric micelle enabling repeated on-off release and insulin protection. <i>Soft Matter</i> , 2013, 9, 1636-1644.	2.7	87
16	Phosphorylcholine polymer nanocapsules prolong the circulation time and reduce the immunogenicity of therapeutic proteins. <i>Nano Research</i> , 2016, 9, 1022-1031.	10.4	77
17	Blended Nanoparticle System Based on Miscible Structurally Similar Polymers: A Safe, Simple, Targeted, and Surprisingly High Efficiency Vehicle for Cancer Therapy. <i>Advanced Healthcare Materials</i> , 2015, 4, 1203-1214.	7.6	67
18	Intracellular Trafficking Network of Protein Nanocapsules: Endocytosis, Exocytosis and Autophagy. <i>Theranostics</i> , 2016, 6, 2099-2113.	10.0	67

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19	Self-controlled release of Oxaliplatin prodrug from d- α -tocopheryl polyethylene glycol 1000 succinate (TPGS) functionalized mesoporous silica nanoparticles for cancer therapy. <i>Journal of Colloid and Interface Science</i> , 2018, 525, 1-10.	9.4	67
20	A drug-self-gated and tumor microenvironment-responsive mesoporous silica vehicle: "four-in-one" versatile nanomedicine for targeted multidrug-resistant cancer therapy. <i>Nanoscale</i> , 2017, 9, 17063-17073.	5.6	66
21	Glucose-responsive complex micelles for self-regulated release of insulin under physiological conditions. <i>Soft Matter</i> , 2013, 9, 8589.	2.7	64
22	Effect of Coordination on the Glucose-Responsiveness of PEG-(PAA-co-PAAPBA) Micelles. <i>Macromolecular Rapid Communications</i> , 2010, 31, 1628-1634.	3.9	55
23	Folic Acid-Functionalized Black Phosphorus Quantum Dots for Targeted Chemo-Photothermal Combination Cancer Therapy. <i>Pharmaceutics</i> , 2019, 11, 242.	4.5	53
24	Phosphorylcholine-based stealthy nanocapsules enabling tumor microenvironment-responsive doxorubicin release for tumor suppression. <i>Theranostics</i> , 2017, 7, 1192-1203.	10.0	52
25	Prolonging the plasma circulation of proteins by nano-encapsulation with phosphorylcholine-based polymer. <i>Nano Research</i> , 2016, 9, 2424-2432.	10.4	51
26	Co-delivery of docetaxel and bortezomib based on a targeting nanoplatform for enhancing cancer chemotherapy effects. <i>Drug Delivery</i> , 2017, 24, 1124-1138.	5.7	48
27	Fabrication of genistein-loaded biodegradable TPGS-b-PCL nanoparticles for improved therapeutic effects in cervical cancer cells. <i>International Journal of Nanomedicine</i> , 2015, 10, 2461.	6.7	46
28	Mesenchymal stem cells transporting black phosphorus-based biocompatible nanospheres: Active trojan horse for enhanced photothermal cancer therapy. <i>Chemical Engineering Journal</i> , 2020, 385, 123942.	12.7	44
29	DACHPt-Loaded Unimolecular Micelles Based on Hydrophilic Dendritic Block Copolymers for Enhanced Therapy of Lung Cancer. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 112-119.	8.0	42
30	Robust aptamer–polydopamine-functionalized M-PLGA–TPGS nanoparticles for targeted delivery of docetaxel and enhanced cervical cancer therapy. <i>International Journal of Nanomedicine</i> , 2016, 11, 2953.	6.7	40
31	Novel Simvastatin-Loaded Nanoparticles Based on Cholic Acid-Core Star-Shaped PLGA for Breast Cancer Treatment. <i>Journal of Biomedical Nanotechnology</i> , 2015, 11, 1247-1260.	1.1	39
32	Polydopamine-Based "Four-in-One" Versatile Nanoplatforms for Targeted Dual Chemo and Photothermal Synergistic Cancer Therapy. <i>Pharmaceutics</i> , 2019, 11, 507.	4.5	36
33	Investigation and intervention of autophagy to guide cancer treatment with nanogels. <i>Nanoscale</i> , 2017, 9, 150-163.	5.6	35
34	Porphine functionalized nanoparticles of star-shaped poly(μ -caprolactone)-b-D- α -tocopheryl polyethylene glycol 1000 succinate biodegradable copolymer for chemophotodynamic therapy on cervical cancer. <i>Acta Biomaterialia</i> , 2015, 26, 145-158.	8.3	34
35	DTX-loaded star-shaped TAPP-PLA-b-TPGS nanoparticles for cancer chemical and photodynamic combination therapy. <i>RSC Advances</i> , 2015, 5, 50617-50627.	3.6	31
36	Synthesis of Fe ₃ O ₄ @SiO ₂ @polymer nanoparticles for controlled drug release. <i>Science China Chemistry</i> , 2010, 53, 514-518.	8.2	28

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37	Nanocapsules of therapeutic proteins with enhanced stability and long blood circulation for hyperuricemia management. <i>Journal of Controlled Release</i> , 2017, 255, 54-61.	9.9	22
38	Heterobifunctional PEG-grafted black phosphorus quantum dots: "Three-in-One" nano-platforms for mitochondria-targeted photothermal cancer therapy. <i>Asian Journal of Pharmaceutical Sciences</i> , 2021, 16, 222-235.	9.1	22
39	DACHPt-Loaded Nanoparticles Self-assembled from Biodegradable Dendritic Copolymer Polyglutamic Acid-b-D-Î±-Tocopheryl Polyethylene Glycol 1000 Succinate for Multidrug Resistant Lung Cancer Therapy. <i>Frontiers in Pharmacology</i> , 2018, 9, 119.	3.5	15
40	The mechanism of lauric acid-modified protein nanocapsules escape from intercellular trafficking vesicles and its implication for drug delivery. <i>Drug Delivery</i> , 2018, 25, 985-994.	5.7	13
41	Folic acid-targeted polydopamine-based surface modification of mesoporous silica nanoparticles as delivery vehicles for cancer therapy. <i>Journal of Controlled Release</i> , 2017, 259, e132-e133.	9.9	9
42	Docetaxel-Loaded PAMAM-Based Poly (Î³-benzyl-L-glutamate)-b-D-Î±-Tocopheryl Polyethylene Glycol 1000 Succinate Nanoparticles in Human Breast Cancer And Human Cervical Cancer therapy. <i>Journal of Microencapsulation</i> , 2019, 36, 1-33.	2.8	9
43	PD-L1 cellular nanovesicles carrying rapamycin inhibit alloimmune responses in transplantation. <i>Biomaterials Science</i> , 2021, 9, 1246-1255.	5.4	9
44	Biomimetic Black Phosphorus Nanosheet-Based Drug Delivery System for Targeted Photothermal-Chemo Cancer Therapy. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 707208.	4.1	8
45	Polydopamine-based surface modification of copolymeric nanoparticles as a targeted drug delivery system for cancer therapy. <i>Journal of Controlled Release</i> , 2017, 259, e150-e151.	9.9	7
46	Phosphorylcholine-Based Stealthy Nanocapsules Decorating TPGS for Combatting Multi-Drug-Resistant Cancer. <i>ACS Biomaterials Science and Engineering</i> , 2018, 4, 1679-1686.	5.2	7
47	Pharmaceutical Nanotechnology: Blended Nanoparticle System Based on Miscible Structurally Similar Polymers: A Safe, Simple, Targeted, and Surprisingly High Efficiency Vehicle for Cancer Therapy (Adv. Tj ETQq1 1 0.784314 rgsBT /Overlo	7.8	7
48	Regulation of Stem Cell Differentiation by Inorganic Nanomaterials: Recent Advances in Regenerative Medicine. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 721581.	4.1	5
49	Combining Systemic and Intracellular Delivery of Cytochrome C to Tumors by a Protein Nanocapsule with Tumor-Specific Cleavable PEG. <i>Journal of Biomedical Nanotechnology</i> , 2017, 13, 1009-1017.	1.1	5
50	An Intelligent Nanoscale Insulin Delivery System. <i>Molecules</i> , 2018, 23, 2945.	3.8	4
51	Cancer Therapy: A Multifunctional Nanoplatfrom against Multidrug Resistant Cancer: Merging the Best of Targeted Chemo/Gene/Photothermal Therapy (Adv. Funct. Mater. 45/2017). <i>Advanced Functional Materials</i> , 2017, 27, .	14.9	3
52	Cancer Therapy: TPGS-Functionalized Polydopamine-Modified Mesoporous Silica as Drug Nanocarriers for Enhanced Lung Cancer Chemotherapy against Multidrug Resistance (Small 29/2017). <i>Small</i> , 2017, 13, .	10.0	0