

Dongfang Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

68
papers

2,523
citations

172457

29
h-index

206112

48
g-index

73
all docs

73
docs citations

73
times ranked

3167
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent progress in polymer-based platinum drug delivery systems. <i>Progress in Polymer Science</i> , 2018, 87, 70-106.	24.7	144
2	Dual Drug Backboned Shattering Polymeric Theranostic Nanomedicine for Synergistic Eradication of Patientâ€Derived Lung Cancer. <i>Advanced Materials</i> , 2018, 30, 1706220.	21.0	142
3	Recent advances in delivery of photosensitive metal-based drugs. <i>Coordination Chemistry Reviews</i> , 2019, 387, 154-179.	18.8	136
4	Sandwichâ€Like Fibers/Sponge Composite Combining Chemotherapy and Hemostasis for Efficient Postoperative Prevention of Tumor Recurrence and Metastasis. <i>Advanced Materials</i> , 2018, 30, e1803217.	21.0	129
5	Tailoring Platinum(IV) Amphiphiles for Self-Targeting All-in-One Assemblies as Precise Multimodal Theranostic Nanomedicine. <i>ACS Nano</i> , 2018, 12, 7272-7281.	14.6	114
6	Absorbable Thioether Grafted Hyaluronic Acid Nanofibrous Hydrogel for Synergistic Modulation of Inflammation Microenvironment to Accelerate Chronic Diabetic Wound Healing. <i>Advanced Healthcare Materials</i> , 2020, 9, e2000198.	7.6	114
7	Photoactivatable Prodrug-Backboned Polymeric Nanoparticles for Efficient Light-Controlled Gene Delivery and Synergistic Treatment of Platinum-Resistant Ovarian Cancer. <i>Nano Letters</i> , 2020, 20, 3039-3049.	9.1	92
8	Tailoring Supramolecular Prodrug Nanoassemblies for Reactive Nitrogen Species-Potentiated Chemotherapy of Liver Cancer. <i>ACS Nano</i> , 2021, 15, 8663-8675.	14.6	87
9	Doxorubicin-Loaded Carborane-Conjugated Polymeric Nanoparticles as Delivery System for Combination Cancer Therapy. <i>Biomacromolecules</i> , 2015, 16, 3980-3988.	5.4	81
10	Engineering Endogenous Tumorâ€Associated Macrophageâ€Targeted Biomimetic Nanoâ€RBC to Reprogram Tumor Immunosuppressive Microenvironment for Enhanced Chemoâ€Immunotherapy. <i>Advanced Materials</i> , 2021, 33, e2103497.	21.0	73
11	Time-programmed DCA and oxaliplatin release by multilayered nanofiber mats in prevention of local cancer recurrence following surgery. <i>Journal of Controlled Release</i> , 2016, 235, 125-133.	9.9	63
12	Development of Organic/Inorganic Compatible and Sustainably Bioactive Composites for Effective Bone Regeneration. <i>Biomacromolecules</i> , 2018, 19, 3637-3648.	5.4	60
13	Light-Activatable Prodrug and AIEgen Copolymer Nanoparticle for Dual-Drug Monitoring and Combination Therapy. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 18691-18700.	8.0	54
14	Simultaneously Photoâ€Cleavable and Activatable Prodrugâ€Backboned Block Copolymer Micelles for Precise Anticancer Drug Delivery. <i>Advanced Healthcare Materials</i> , 2016, 5, 2493-2499.	7.6	50
15	Biphasic drug release from electrospun polyblend nanofibers for optimized local cancer treatment. <i>Biomaterials Science</i> , 2018, 6, 324-331.	5.4	50
16	A Polymerâ€(Tandem Drugs) Conjugate for Enhanced Cancer Treatment. <i>Advanced Healthcare Materials</i> , 2013, 2, 822-827.	7.6	49
17	Chemosynthesis of Poly(Îµ-lysine)-Analogous Polymers by Microwave-Assisted Click Polymerization. <i>Biomacromolecules</i> , 2011, 12, 737-746.	5.4	45
18	Amphiphilic Polycarbonates from Carborane-Installed Cyclic Carbonates as Potential Agents for Boron Neutron Capture Therapy. <i>Bioconjugate Chemistry</i> , 2016, 27, 2214-2223.	3.6	43

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19	Citrate-Based Tannin-Bridged Bone Composites for Lumbar Fusion. <i>Advanced Functional Materials</i> , 2020, 30, 2002438.	14.9	43
20	Single-Stimulus Dual-Drug Sensitive Nanoplatform for Enhanced Photoactivated Therapy. <i>Biomacromolecules</i> , 2016, 17, 2120-2127.	5.4	42
21	Pt(<i>iv</i>) prodrug-backboned micelle and DCA loaded nanofibers for enhanced local cancer treatment. <i>Journal of Materials Chemistry B</i> , 2017, 5, 2115-2125.	5.8	42
22	Dual Cross-linked HHA Hydrogel Supplies and Regulates $M\ddot{I}2$ for Synergistic Improvement of Immunocompromise and Impaired Angiogenesis to Enhance Diabetic Chronic Wound Healing. <i>Biomacromolecules</i> , 2020, 21, 3795-3806.	5.4	42
23	Recent advances in polymeric biomaterials-based gene delivery for cartilage repair. <i>Bioactive Materials</i> , 2020, 5, 990-1003.	15.6	41
24	Mesoporous silica nanoparticles with lactose-mediated targeting effect to deliver platinum(<i>iv</i>) prodrug for liver cancer therapy. <i>Journal of Materials Chemistry B</i> , 2017, 5, 7591-7597.	5.8	38
25	Overcoming tumor resistance to cisplatin through micelle-mediated combination chemotherapy. <i>Biomaterials Science</i> , 2015, 3, 182-191.	5.4	37
26	Layer-by-Layer Assembled Polypeptide Capsules for Platinum-Based Pro-Drug Delivery. <i>Bioconjugate Chemistry</i> , 2012, 23, 2335-2343.	3.6	36
27	A dextran-platinum(<i>iv</i>) conjugate as a reduction-responsive carrier for triggered drug release. <i>Journal of Materials Chemistry B</i> , 2015, 3, 8203-8211.	5.8	36
28	A complex of cyclohexane-1,2-diaminoplatinum with an amphiphilic biodegradable polymer with pendant carboxyl groups. <i>Acta Biomaterialia</i> , 2012, 8, 1859-1868.	8.3	34
29	Synergistic enhancement of immunological responses triggered by hyperthermia sensitive Pt NPs via NIR laser to inhibit cancer relapse and metastasis. <i>Bioactive Materials</i> , 2022, 7, 389-400.	15.6	33
30	Stable amphiphilic supramolecular self-assembly based on cyclodextrin and carborane for the efficient photodynamic therapy. <i>Chemical Communications</i> , 2017, 53, 3422-3425.	4.1	32
31	Light-activatable dual prodrug polymer nanoparticle for precise synergistic chemotherapy guided by drug-mediated computed tomography imaging. <i>Acta Biomaterialia</i> , 2019, 94, 459-468.	8.3	30
32	Chain-shattering Pt(IV)-backboned polymeric nanoplatform for efficient CRISPR/Cas9 gene editing to enhance synergistic cancer therapy. <i>Nano Research</i> , 2021, 14, 601-610.	10.4	29
33	Self-healing supramolecular hydrogels through host-guest interaction between cyclodextrin and carborane. <i>Journal of Materials Chemistry B</i> , 2020, 8, 10309-10313.	5.8	26
34	Compact Vesicles Self-Assembled from Binary Graft Copolymers with High Hydrophilic Fraction for Potential Drug/Protein Delivery. <i>ACS Macro Letters</i> , 2017, 6, 1186-1190.	4.8	25
35	Dual-Sensitive Charge-Conversional Polymeric Prodrug for Efficient Codelivery of Demethylcantharidin and Doxorubicin. <i>Biomacromolecules</i> , 2016, 17, 2650-2661.	5.4	24
36	Enhancing Therapeutic Efficacy of Cisplatin by Blocking DNA Damage Repair. <i>ACS Medicinal Chemistry Letters</i> , 2016, 7, 924-928.	2.8	22

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37	High Carbonization Temperature to Trigger Enzyme Mimicking Activities of Silk-Derived Nanosheets. <i>Small</i> , 2020, 16, e2004129.	10.0	22
38	Ion-assisted fabrication of neutral protein crosslinked sodium alginate nanogels. <i>Carbohydrate Polymers</i> , 2018, 186, 45-53.	10.2	21
39	Nano-assembly of ursolic acid with platinum prodrug overcomes multiple deactivation pathways in platinum-resistant ovarian cancer. <i>Biomaterials Science</i> , 2021, 9, 4110-4119.	5.4	21
40	A polymer-(multifunctional single-drug) conjugate for combination therapy. <i>Journal of Materials Chemistry B</i> , 2015, 3, 4913-4921.	5.8	20
41	Photoactivated polyprodrug nanoparticles for effective light-controlled Pt(IV) and siRNA codelivery to achieve synergistic cancer therapy. <i>Journal of Materials Chemistry B</i> , 2020, 8, 5903-5911.	5.8	20
42	Protein-Crowned Micelles for Targeted and Synergistic Tumor-Associated Macrophage Reprogramming to Enhance Cancer Treatment. <i>Nano Letters</i> , 2022, 22, 4410-4420.	9.1	20
43	Novel multi-sensitive pseudo-poly(amino acid) for effective intracellular drug delivery. <i>RSC Advances</i> , 2015, 5, 31972-31983.	3.6	19
44	A facile way to prepare functionalized dextran nanogels for conjugation of hemoglobin. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 155, 440-448.	5.0	19
45	Morphology tunable and acid-sensitive dextran-doxorubicin conjugate assemblies for targeted cancer therapy. <i>Journal of Materials Chemistry B</i> , 2020, 8, 6898-6904.	5.8	18
46	In vitro antioxidant and antitumor study of zein/SHA nanoparticles loaded with resveratrol. <i>Food Science and Nutrition</i> , 2021, 9, 3530-3537.	3.4	18
47	Deep Tumor Penetrating Gold Nano-Adjuvant for NIR-Triggered In Situ Tumor Vaccination. <i>Small</i> , 2022, 18, e2200993.	10.0	18
48	Codelivery of Oxaliplatin and Demethylcantharidin via a Polymer-Drug Conjugate. <i>Macromolecular Bioscience</i> , 2014, 14, 588-596.	4.1	17
49	Engineering Endogenous Tumor-Associated Macrophage-Targeted Biomimetic Nano-RBC to Reprogram Tumor Immunosuppressive Microenvironment for Enhanced Chemo-Immunotherapy (<i>Adv. Mater.</i>) Tj ETQq1 1 0.7846 14 rg37 /Overl	14.6	17
50	Delivery of Active DACH-Pt Anticancer Species by Biodegradable Amphiphilic Polymers Using Thiol-Radical Addition. <i>Macromolecular Bioscience</i> , 2012, 12, 367-373.	4.1	16
51	Protein-based natural antibacterial materials and their applications in food preservation. <i>Microbial Biotechnology</i> , 2022, 15, 1324-1338.	4.2	16
52	Iodine Conjugated Pt(IV) Nanoparticles for Precise Chemotherapy with Iodine-Pt Guided Computed Tomography Imaging and Biotin-Mediated Tumor-Targeting. <i>ACS Nano</i> , 2022, 16, 6835-6846.	14.6	16
53	A Versatile Method to Prepare Protein Nanoclusters for Drug Delivery. <i>Macromolecular Bioscience</i> , 2018, 18, 1700282.	4.1	15
54	Multifunctional single-drug loaded nanoparticles for enhanced cancer treatment with low toxicity in vivo. <i>RSC Advances</i> , 2016, 6, 20366-20373.	3.6	10

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55	De novo design of self-assembly hydrogels based on Fmoc-diphenylalanine providing drug release. <i>Journal of Materials Chemistry B</i> , 2021, 9, 8686-8693.	5.8	10
56	Verteporfin-loaded supramolecular micelles for enhanced cisplatin-based chemotherapy via autophagy inhibition. <i>Journal of Materials Chemistry B</i> , 2022, 10, 2670-2679.	5.8	9
57	Carbonized zein nanosheets with intrinsic enzyme-mimicking activities and high photothermal conversion efficiency for synergistic cancer therapy. <i>Journal of Materials Chemistry B</i> , 2021, 9, 5047-5054.	5.8	8
58	Light-stimulus Dual-drug Responsive Nanoparticles for Photoactivated Therapy Using Mesoporous Silica Nanospheres. <i>Chemical Research in Chinese Universities</i> , 2018, 34, 676-683.	2.6	6
59	Hemin Covalently Functionalized Carbon Nanobranched with Enzyme-Like and Photocatalytic Activities for Synergistic Dye Degradation and Antibacterial Therapy. <i>Advanced Sustainable Systems</i> , 2021, 5, 2100103.	5.3	6
60	Emulsion click microspheres: morphology/shape control by surface cross-linking and a porogen. <i>RSC Advances</i> , 2014, 4, 23685-23689.	3.6	5
61	Dextran-platinum(IV) conjugate as drug carrier for triggered drug release. <i>Journal of Controlled Release</i> , 2015, 213, e96.	9.9	4
62	A Multifunctional Silicon Nanoparticle Designed for Enhanced Osteoblast Calcification and Related Combination Therapy. <i>Macromolecular Bioscience</i> , 2019, 19, e1900255.	4.1	4
63	Bone Composites: Citrate-Based Tannin-Bridged Bone Composites for Lumbar Fusion (<i>Adv. Funct. Mater.</i>) <i>Tj ETQq1 1 0.784314 rg</i>	14.9	3
64	Borane-conjugated poly(ester-carbonate) amphiphilic block copolymers as potential agents for boron neutron capture therapy. <i>Journal of Controlled Release</i> , 2015, 213, e39-e40.	9.9	2
65	Single-stimulus dual-drug sensitive nanoplatfor for enhanced photoactivated therapy. <i>Journal of Controlled Release</i> , 2017, 259, e181.	9.9	2
66	Alantolactone-Loaded Pegylated Prodrug Nanocarriers for Synergistic Treatment of Cisplatin-Resistant Ovarian Cancer via Reactivating Mitochondrial Apoptotic Pathway. <i>ACS Biomaterials Science and Engineering</i> , 2022, 8, 2526-2536.	5.2	2
67	Backbone-type coordinate polymeric dual-prodrug micelle for enhanced cancer treatment. <i>Journal of Controlled Release</i> , 2017, 259, e186.	9.9	0
68	Silk-Derived Nanosheets: High Carbonization Temperature to Trigger Enzyme Mimicking Activities of Silk-Derived Nanosheets (<i>Small</i> 42/2020). <i>Small</i> , 2020, 16, 2070232.	10.0	0