Dongfang Zhou

List of Publications by Year
in descending order

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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	Proteinâ€based natural antibacterial materials and their applications in food preservation. Microbial Biotechnology, 2022, 15, 1324-1338.	4.2	16
2	Synergistic enhancement of immunological responses triggered by hyperthermia sensitive Pt NPs via NIR laser to inhibit cancer relapse and metastasis. Bioactive Materials, 2022, 7, 389-400.	15.6	33
3	Verteporfin-loaded supramolecular micelles for enhanced cisplatin-based chemotherapy via autophagy inhibition. Journal of Materials Chemistry B, 2022, 10, 2670-2679.	5.8	9
4	Iodine Conjugated Pt(IV) Nanoparticles for Precise Chemotherapy with Iodineâ€“Pt Guided Computed Tomography Imaging and Biotin-Mediated Tumor-Targeting. ACS Nano, 2022, 16, 6835-6846.	14.6	16
5	Deep Tumor Penetrating Gold Nanoâ€Adjuvant for NIRâ€IIâ€Triggered In Situ Tumor Vaccination. Small, 2022, 18, e2200993.	10.0	18
6	Protein-Crowned Micelles for Targeted and Synergistic Tumor-Associated Macrophage Reprogramming to Enhance Cancer Treatment. Nano Letters, 2022, 22, 4410-4420.	9.1	20
7	Alantolactone-Loaded Pegylated Prodrug Nanocarriers for Synergistic Treatment of Cisplatin-Resistant Ovarian Cancer via Reactivating Mitochondrial Apoptotic Pathway. ACS Biomaterials Science and Engineering, 2022, 8, 2526-2536.	5.2	2
8	Chain-shattering Pt(IV)-backboned polymeric nanoplatform for efficient CRISPR/Cas9 gene editing to enhance synergistic cancer therapy. Nano Research, 2021, 14, 601-610.	10.4	29
9	Carbonized zein nanosheets with intrinsic enzyme-mimicking activities and high photothermal conversion efficiency for synergistic cancer therapy. Journal of Materials Chemistry B, 2021, 9, 5047-5054.	5.8	8
10	Nano-assembly of ursolic acid with platinum prodrug overcomes multiple deactivation pathways in platinum-resistant ovarian cancer. Biomaterials Science, 2021, 9, 4110-4119.	5.4	21
11	De novo design of self-assembly hydrogels based on Fmoc-diphenylalanine providing drug release. Journal of Materials Chemistry B, 2021, 9, 8686-8693.	5.8	10
12	Tailoring Supramolecular Prodrug Nanoassemblies for Reactive Nitrogen Species-Potentiated Chemotherapy of Liver Cancer. ACS Nano, 2021, 15, 8663-8675.	14.6	87
13	In vitro antioxidant and antitumor study of zein/SHA nanoparticles loaded with resveratrol. Food Science and Nutrition, 2021, 9, 3530-3537.	3.4	18
14	Hemin Covalently Functionalized Carbon Nanobranch with Enzymeâ€Like and Photocatalytic Activities for Synergistic Dye Degradation and Antibacterial Therapy. Advanced Sustainable Systems, 2021, 5, 2100103.	5.3	6
15	Engineering Endogenous Tumorâ€Associated Macrophageâ€Targeted Biomimetic Nanoâ€RBC to Reprogram Tumor Immunosuppressive Microenvironment for Enhanced Chemoâ€Immunotherapy. Advanced Materials, 2021, 33, e2103497.	21.0	73
16	Engineering Endogenous Tumorâ€Associated Macrophageâ€Targeted Biomimetic Nanoâ€RBC to Reprogram Tumor Immunosuppressive Microenvironment for Enhanced Chemoâ€Immunotherapy (Adv. Mater.) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 5	21.0	17
17	Self-healing supramolecular hydrogels through hostâ€“guest interaction between cyclodextrin and carborane. Journal of Materials Chemistry B, 2020, 8, 10309-10313.	5.8	26
18	Dual Cross-linked HHA Hydrogel Supplies and Regulates Mî¦2 for Synergistic Improvement of Immunocompromise and Impaired Angiogenesis to Enhance Diabetic Chronic Wound Healing. Biomacromolecules, 2020, 21, 3795-3806.	5.4	42

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19	Silkâ€Derived Nanosheets: High Carbonization Temperature to Trigger Enzyme Mimicking Activities of Silkâ€Derived Nanosheets (Small 42/2020). Small, 2020, 16, 2070232.	10.0	0
20	High Carbonization Temperature to Trigger Enzyme Mimicking Activities of Silkâ€Derived Nanosheets. Small, 2020, 16, e2004129.	10.0	22
21	Morphology tunable and acid-sensitive dextranâ€“doxorubicin conjugate assemblies for targeted cancer therapy. Journal of Materials Chemistry B, 2020, 8, 6898-6904.	5.8	18
22	Photoactivated polyprodrug nanoparticles for effective light-controlled Pt(<scp>iv</scp>) and siRNA codelivery to achieve synergistic cancer therapy. Journal of Materials Chemistry B, 2020, 8, 5903-5911.	5.8	20
23	Bone Composites: Citrateâ€Based Tanninâ€Bridged Bone Composites for Lumbar Fusion (Adv. Funct. Mater.) Tj ETQq1 1 0.784314 rgBT	14.9	3
24	Recent advances in polymeric biomaterials-based gene delivery for cartilage repair. Bioactive Materials, 2020, 5, 990-1003.	15.6	41
25	Citrateâ€Based Tanninâ€Bridged Bone Composites for Lumbar Fusion. Advanced Functional Materials, 2020, 30, 2002438.	14.9	43
26	Photoactivatable Prodrug-Backboned Polymeric Nanoparticles for Efficient Light-Controlled Gene Delivery and Synergistic Treatment of Platinum-Resistant Ovarian Cancer. Nano Letters, 2020, 20, 3039-3049.	9.1	92
27	Absorbable Thioether Grafted Hyaluronic Acid Nanofibrous Hydrogel for Synergistic Modulation of Inflammation Microenvironment to Accelerate Chronic Diabetic Wound Healing. Advanced Healthcare Materials, 2020, 9, e2000198.	7.6	114
28	A Multiâ€Functional Silicon Nanoparticle Designed for Enhanced Osteoblast Calcification and Related Combination Therapy. Macromolecular Bioscience, 2019, 19, e1900255.	4.1	4
29	Light-activatable dual prodrug polymer nanoparticle for precise synergistic chemotherapy guided by drug-mediated computed tomography imaging. Acta Biomaterialia, 2019, 94, 459-468.	8.3	30
30	Light-Activatable Prodrug and AIEgen Copolymer Nanoparticle for Dual-Drug Monitoring and Combination Therapy. ACS Applied Materials & Interfaces, 2019, 11, 18691-18700.	8.0	54
31	Recent advances in delivery of photosensitive metal-based drugs. Coordination Chemistry Reviews, 2019, 387, 154-179.	18.8	136
32	Dual Drug Backboned Shattering Polymeric Theranostic Nanomedicine for Synergistic Eradication of Patientâ€Derived Lung Cancer. Advanced Materials, 2018, 30, 1706220.	21.0	142
33	A Versatile Method to Prepare Protein Nanoclusters for Drug Delivery. Macromolecular Bioscience, 2018, 18, 1700282.	4.1	15
34	Ion-assisted fabrication of neutral protein crosslinked sodium alginate nanogels. Carbohydrate Polymers, 2018, 186, 45-53.	10.2	21
35	Biphasic drug release from electrospun polyblend nanofibers for optimized local cancer treatment. Biomaterials Science, 2018, 6, 324-331.	5.4	50
36	Sandwichâ€Like Fibers/Sponge Composite Combining Chemotherapy and Hemostasis for Efficient Postoperative Prevention of Tumor Recurrence and Metastasis. Advanced Materials, 2018, 30, e1803217.	21.0	129

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37	Light-stimulus Dual-drug Responsive Nanoparticles for Photoactivated Therapy Using Mesoporous Silica Nanospheres. Chemical Research in Chinese Universities, 2018, 34, 676-683.	2.6	6
38	Development of Organic/Inorganic Compatible and Sustainably Bioactive Composites for Effective Bone Regeneration. Biomacromolecules, 2018, 19, 3637-3648.	5.4	60
39	Recent progress in polymer-based platinum drug delivery systems. Progress in Polymer Science, 2018, 87, 70-106.	24.7	144
40	Tailoring Platinum(IV) Amphiphiles for Self-Targeting All-in-One Assemblies as Precise Multimodal Theranostic Nanomedicine. ACS Nano, 2018, 12, 7272-7281.	14.6	114
41	Stable amphiphilic supramolecular self-assembly based on cyclodextrin and carborane for the efficient photodynamic therapy. Chemical Communications, 2017, 53, 3422-3425.	4.1	32
42	Pt(<scp>iv</scp>) prodrug-backboned micelle and DCA loaded nanofibers for enhanced local cancer treatment. Journal of Materials Chemistry B, 2017, 5, 2115-2125.	5.8	42
43	A facile way to prepare functionalized dextran nanogels for conjugation of hemoglobin. Colloids and Surfaces B: Biointerfaces, 2017, 155, 440-448.	5.0	19
44	Compact Vesicles Self-Assembled from Binary Graft Copolymers with High Hydrophilic Fraction for Potential Drug/Protein Delivery. ACS Macro Letters, 2017, 6, 1186-1190.	4.8	25
45	Mesoporous silica nanoparticles with lactose-mediated targeting effect to deliver platinum(<scp>iv</scp>) prodrug for liver cancer therapy. Journal of Materials Chemistry B, 2017, 5, 7591-7597.	5.8	38
46	Single-stimulus dual-drug sensitive nanoplatform for enhanced photoactivated therapy. Journal of Controlled Release, 2017, 259, e181.	9.9	2
47	Backbone-type coordinate polymeric dual-prodrug micelle for enhanced cancer treatment. Journal of Controlled Release, 2017, 259, e186.	9.9	0
48	Dual-Sensitive Charge-Conversional Polymeric Prodrug for Efficient Codelivery of Demethylcantharidin and Doxorubicin. Biomacromolecules, 2016, 17, 2650-2661.	5.4	24
49	Time-programmed DCA and oxaliplatin release by multilayered nanofiber mats in prevention of local cancer recurrence following surgery. Journal of Controlled Release, 2016, 235, 125-133.	9.9	63
50	Single-Stimulus Dual-Drug Sensitive Nanoplatform for Enhanced Photoactivated Therapy. Biomacromolecules, 2016, 17, 2120-2127.	5.4	42
51	Amphiphilic Polycarbonates from Carborane-Installed Cyclic Carbonates as Potential Agents for Boron Neutron Capture Therapy. Bioconjugate Chemistry, 2016, 27, 2214-2223.	3.6	43
52	Enhancing Therapeutic Efficacy of Cisplatin by Blocking DNA Damage Repair. ACS Medicinal Chemistry Letters, 2016, 7, 924-928.	2.8	22
53	Simultaneously Photoâ€Cleavable and Activatable Prodrugâ€Backboned Block Copolymer Micelles for Precise Anticancer Drug Delivery. Advanced Healthcare Materials, 2016, 5, 2493-2499.	7.6	50
54	Multifunctional single-drug loaded nanoparticles for enhanced cancer treatment with low toxicity in vivo. RSC Advances, 2016, 6, 20366-20373.	3.6	10

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55	Dextran-platinum(IV) conjugate as drug carrier for triggered drug release. Journal of Controlled Release, 2015, 213, e96.	9.9	4
56	Borane-conjugated poly(ester-carbonate) amphiphilic block copolymers as potential agents for boron neutron capture therapy. Journal of Controlled Release, 2015, 213, e39-e40.	9.9	2
57	Doxorubicin-Loaded Carborane-Conjugated Polymeric Nanoparticles as Delivery System for Combination Cancer Therapy. Biomacromolecules, 2015, 16, 3980-3988.	5.4	81
58	A polymerâ€“(multifunctional single-drug) conjugate for combination therapy. Journal of Materials Chemistry B, 2015, 3, 4913-4921.	5.8	20
59	Novel multi-sensitive pseudo-poly(amino acid) for effective intracellular drug delivery. RSC Advances, 2015, 5, 31972-31983.	3.6	19
60	A dextranâ€“platinum(<scp>iv</scp>) conjugate as a reduction-responsive carrier for triggered drug release. Journal of Materials Chemistry B, 2015, 3, 8203-8211.	5.8	36
61	Overcoming tumor resistance to cisplatin through micelle-mediated combination chemotherapy. Biomaterials Science, 2015, 3, 182-191.	5.4	37
62	Coâ€<scp>D</scp>elivery of Oxaliplatin and Demethylcantharidin via a Polymerâ€“Drug Conjugate. Macromolecular Bioscience, 2014, 14, 588-596.	4.1	17
63	Emulsion click microspheres: morphology/shape control by surface cross-linking and a porogen. RSC Advances, 2014, 4, 23685-23689.	3.6	5
64	A Polymerâ€“(Tandem Drugs) Conjugate for Enhanced Cancer Treatment. Advanced Healthcare Materials, 2013, 2, 822-827.	7.6	49
65	Layer-by-Layer Assembled Polypeptide Capsules for Platinum-Based Pro-Drug Delivery. Bioconjugate Chemistry, 2012, 23, 2335-2343.	3.6	36
66	A complex of cyclohexane-1,2-diaminoplatinum with an amphiphilic biodegradable polymer with pendant carboxyl groups. Acta Biomaterialia, 2012, 8, 1859-1868.	8.3	34
67	Delivery of Active DACHâ€Pt Anticancer Species by Biodegradable Amphiphilic Polymers Using Thiolâ€Ene Radical Addition. Macromolecular Bioscience, 2012, 12, 367-373.	4.1	16
68	Chemosynthesis of Poly(Îµ-lysine)-Analogous Polymers by Microwave-Assisted Click Polymerization. Biomacromolecules, 2011, 12, 737-746.	5.4	45