

Zhiguo Gao

List of Publications by Year in descending order

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papers

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citations

471061

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#	ARTICLE	IF	CITATIONS
1	Biomimetic Platinum Nanozyme Immobilized on 2D Metal-Organic Frameworks for Mitochondrion-Targeting and Oxygen Self-Supply Photodynamic Therapy. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 1963-1972.	4.0	104
2	Decoration of Cisplatin on 2D Metal-Organic Frameworks for Enhanced Anticancer Effects through Highly Increased Reactive Oxygen Species Generation. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 30930-30935.	4.0	85
3	Photothermal-reinforced and glutathione-triggered in Situ cascaded nanocatalytic therapy. <i>Journal of Controlled Release</i> , 2020, 321, 734-743.	4.8	76
4	Photothermal-Enhanced Inactivation of Glutathione Peroxidase for Ferroptosis Sensitized by an Autophagy Promotor. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 42988-42997.	4.0	75
5	Enhanced highly toxic reactive oxygen species levels from iron oxide core-shell mesoporous silica nanocarrier-mediated Fenton reactions for cancer therapy. <i>Journal of Materials Chemistry B</i> , 2018, 6, 5876-5887.	2.9	59
6	A novel pH-responsive hollow mesoporous silica nanoparticle (HMSN) system encapsulating doxorubicin (DOX) and glucose oxidase (GOX) for potential cancer treatment. <i>Journal of Materials Chemistry B</i> , 2019, 7, 3291-3302.	2.9	51
7	A novel versatile yolk-shell nanosystem based on NIR-elevated drug release and GSH depletion-enhanced Fenton-like reaction for synergistic cancer therapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 189, 110810.	2.5	43
8	Iron Oxide Nanocarrier-Mediated Combination Therapy of Cisplatin and Artemisinin for Combating Drug Resistance through Highly Increased Toxic Reactive Oxygen Species Generation. <i>ACS Applied Bio Materials</i> , 2018, 1, 270-280.	2.3	36
9	Hypoxia-augmented and photothermally-enhanced ferroptotic therapy with high specificity and efficiency. <i>Journal of Materials Chemistry B</i> , 2020, 8, 78-87.	2.9	34
10	Reactive oxygen species mediated theranostics using a Fenton reaction activable lipo-polymerosome. <i>Journal of Materials Chemistry B</i> , 2019, 7, 314-323.	2.9	33
11	Enhanced cellular uptake of near-infrared triggered targeted nanoparticles by cell-penetrating peptide TAT for combined chemo/photothermal/photodynamic therapy. <i>Materials Science and Engineering C</i> , 2019, 103, 109738.	3.8	28
12	Mesoporous silica-coated gold nanoframes as drug delivery system for remotely controllable chemo-photothermal combination therapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 176, 230-238.	2.5	28
13	Synthesis and biological evaluation of redox/NIR dual stimulus-responsive polymeric nanoparticles for targeted delivery of cisplatin. <i>Materials Science and Engineering C</i> , 2018, 92, 453-462.	3.8	25
14	A CD44-targeted Cu delivery 2D nanoplatfor for sensitized disulfiram chemotherapy to triple-negative breast cancer. <i>Nanoscale</i> , 2020, 12, 8139-8146.	2.8	24
15	FA and cRGD dual modified lipid-polymer nanoparticles encapsulating polyaniline and cisplatin for highly effective chemo-photothermal combination therapy. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2018, 29, 397-411.	1.9	22
16	Multimodal therapies: glucose oxidase-triggered tumor starvation-induced synergism with enhanced chemodynamic therapy and chemotherapy. <i>New Journal of Chemistry</i> , 2020, 44, 1524-1536.	1.4	22
17	Small-Molecule-Selective Organosilica Nanoreactors for Copper-Catalyzed Azide-Alkyne Cycloaddition Reactions in Cellular and Living Systems. <i>Nano Letters</i> , 2021, 21, 3401-3409.	4.5	19
18	The synthesis of an antifungal 1,2,4-triazole drug and the establishment of a drug delivery system based on zeolitic imidazolate frameworks. <i>New Journal of Chemistry</i> , 2019, 43, 18823-18831.	1.4	18

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19	Dendritic Mesoporous Organosilica Nanoparticles: A pH-Triggered Autocatalytic Fenton Reaction System with Self-supplied H_2O_2 for Generation of High Levels of Reactive Oxygen Species. <i>Langmuir</i> , 2020, 36, 5262-5270.	1.6	18
20	A small-sized and stable 2D metal-organic framework: a functional nanoplatform for effective photodynamic therapy. <i>Dalton Transactions</i> , 2019, 48, 16861-16868.	1.6	17
21	MOF-shielded and glucose-responsive ultrasmall silver nano-factory for highly-efficient anticancer and antibacterial therapy. <i>Chemical Engineering Journal</i> , 2021, 416, 127610.	6.6	14
22	A polydopamine-gated biodegradable cascade nanoreactor for pH-triggered and photothermal-enhanced tumor-specific nanocatalytic therapy. <i>Nanoscale</i> , 2021, 13, 15677-15688.	2.8	14
23	Cisplatin and Ce6 loaded polyaniline nanoparticles: An efficient near-infrared light mediated synergistic therapeutic agent. <i>Materials Science and Engineering C</i> , 2019, 95, 183-191.	3.8	12
24	Mesoporous Silica-Coated Silver Nanoframes as Drug-Delivery Vehicles for Chemo/Starvation/Metal Ion Multimodality Therapy. <i>Langmuir</i> , 2020, 36, 6345-6351.	1.6	12
25	A dual-targeting strategy for enhanced drug delivery and synergistic therapy based on thermosensitive nanoparticles. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2018, 29, 1360-1374.	1.9	11
26	Enhanced Reactive Oxygen Species Levels by an Active Benzothiazole Complex-Mediated Fenton Reaction for Highly Effective Antitumor Therapy. <i>Molecular Pharmaceutics</i> , 2019, 16, 4929-4939.	2.3	10
27	Three peroxido vanadium (V) compounds mediated by transition metal cations for enhanced anticancer activity. <i>Dalton Transactions</i> , 2019, 48, 15160-15169.	1.6	5
28	1,3-dimethyl-6-nitroacridine derivatives induce apoptosis in human breast cancer cells by targeting DNA. <i>Drug Development and Industrial Pharmacy</i> , 2019, 45, 212-221.	0.9	4