

Zhiguo Gao

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

899
citations

471509

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501196

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times ranked

1187
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | MOF-shielded and glucose-responsive ultrasmall silver nano-factory for highly-efficient anticancer and antibacterial therapy. <i>Chemical Engineering Journal</i> , 2021, 416, 127610. | 12.7 | 14 |
| 2 | A polydopamine-gated biodegradable cascade nanoreactor for pH-triggered and photothermal-enhanced tumor-specific nanocatalytic therapy. <i>Nanoscale</i> , 2021, 13, 15677-15688. | 5.6 | 14 |
| 3 | 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. | 9.1 | 19 |
| 4 | 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. | 2.8 | 22 |
| 5 | Hypoxia-augmented and photothermally-enhanced ferroptotic therapy with high specificity and efficiency. <i>Journal of Materials Chemistry B</i> , 2020, 8, 78-87. | 5.8 | 34 |
| 6 | 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. | 8.0 | 104 |
| 7 | Mesoporous Silica-Coated Silver Nanoframes as Drug-Delivery Vehicles for Chemo/Starvation/Metal Ion Multimodality Therapy. <i>Langmuir</i> , 2020, 36, 6345-6351. | 3.5 | 12 |
| 8 | A CD44-targeted Cu delivery 2D nanoplatfor for sensitized disulfiram chemotherapy to triple-negative breast cancer. <i>Nanoscale</i> , 2020, 12, 8139-8146. | 5.6 | 24 |
| 9 | Photothermal-reinforced and glutathione-triggered in Situ cascaded nanocatalytic therapy. <i>Journal of Controlled Release</i> , 2020, 321, 734-743. | 9.9 | 76 |
| 10 | 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. | 5.0 | 43 |
| 11 | 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. | 3.5 | 18 |
| 12 | 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. | 7.3 | 12 |
| 13 | 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. | 4.6 | 10 |
| 14 | Photothermal-Enhanced Inactivation of Glutathione Peroxidase for Ferroptosis Sensitized by an Autophagy Promotor. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 42988-42997. | 8.0 | 75 |
| 15 | Reactive oxygen species mediated theranostics using a Fenton reaction activable lipo-polymersome. <i>Journal of Materials Chemistry B</i> , 2019, 7, 314-323. | 5.8 | 33 |
| 16 | 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. | 7.3 | 28 |
| 17 | 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. | 5.8 | 51 |
| 18 | Three peroxidovanadium compounds mediated by transition metal cations for enhanced anticancer activity. <i>Dalton Transactions</i> , 2019, 48, 15160-15169. | 3.3 | 5 |

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|----|---|-----|-----------|
| 19 | A small-sized and stable 2D metal-organic framework: a functional nanoplatform for effective photodynamic therapy. Dalton Transactions, 2019, 48, 16861-16868. | 3.3 | 17 |
| 20 | The synthesis of an antifungal 1,2,4-triazole drug and the establishment of a drug delivery system based on zeolitic imidazolate frameworks. New Journal of Chemistry, 2019, 43, 18823-18831. | 2.8 | 18 |
| 21 | Mesoporous silica-coated gold nanoframes as drug delivery system for remotely controllable chemo-photothermal combination therapy. Colloids and Surfaces B: Biointerfaces, 2019, 176, 230-238. | 5.0 | 28 |
| 22 | 1,3-dimethyl-6-nitroacridine derivatives induce apoptosis in human breast cancer cells by targeting DNA. Drug Development and Industrial Pharmacy, 2019, 45, 212-221. | 2.0 | 4 |
| 23 | A dual-targeting strategy for enhanced drug delivery and synergistic therapy based on thermosensitive nanoparticles. Journal of Biomaterials Science, Polymer Edition, 2018, 29, 1360-1374. | 3.5 | 11 |
| 24 | FA and cRGD dual modified lipid-polymer nanoparticles encapsulating polyaniline and cisplatin for highly effective chemo-photothermal combination therapy. Journal of Biomaterials Science, Polymer Edition, 2018, 29, 397-411. | 3.5 | 22 |
| 25 | Decoration of Cisplatin on 2D Metal-Organic Frameworks for Enhanced Anticancer Effects through Highly Increased Reactive Oxygen Species Generation. ACS Applied Materials & Interfaces, 2018, 10, 30930-30935. | 8.0 | 85 |
| 26 | Iron Oxide Nanocarrier-Mediated Combination Therapy of Cisplatin and Artemisinin for Combating Drug Resistance through Highly Increased Toxic Reactive Oxygen Species Generation. ACS Applied Bio Materials, 2018, 1, 270-280. | 4.6 | 36 |
| 27 | Synthesis and biological evaluation of redox/NIR dual stimulus-responsive polymeric nanoparticles for targeted delivery of cisplatin. Materials Science and Engineering C, 2018, 92, 453-462. | 7.3 | 25 |
| 28 | Enhanced highly toxic reactive oxygen species levels from iron oxide core-shell mesoporous silica nanocarrier-mediated Fenton reactions for cancer therapy. Journal of Materials Chemistry B, 2018, 6, 5876-5887. | 5.8 | 59 |