Daquan Wang

List of Publications by Year
in descending order

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30 papers	818 citations	393982 19 h-index	500791 28 g-index
30 all docs	30 docs citations	30 times ranked	1109 citing authors

#	Article	IF	Citations
1	pH/redox dual-stimuli-responsive cross-linked polyphosphazene nanoparticles for multimodal imaging-guided chemo-photodynamic therapy. Nanoscale, 2019, 11, 9457-9467.	2.8	71
2	Intelligent nanoflowers: a full tumor microenvironment-responsive multimodal cancer theranostic nanoplatform. Nanoscale, 2019, 11, 15508-15518.	2.8	66
3	Versatile Nanoplatforms with enhanced Photodynamic Therapy: Designs and Applications. Theranostics, 2020, 10, 7287-7318.	4.6	58
4	Multistage tumor microenvironment-responsive theranostic nanopeanuts: Toward multimode imaging guided chemo-photodynamic therapy. Chemical Engineering Journal, 2020, 385, 123893.	6.6	50
5	Facile Preparation of Doxorubicin-Loaded and Folic Acid-Conjugated Carbon Nanotubes@Poly(N-vinyl pyrrole) for Targeted Synergistic Chemoâ€“Photothermal Cancer Treatment. Bioconjugate Chemistry, 2017, 28, 2815-2822.	1.8	49
6	Gold Nanorods/Metalâ€“Organic Framework Hybrids: Photo-Enhanced Peroxidase-Like Activity and SERS Performance for Organic Dyestuff Degradation and Detection. Analytical Chemistry, 2022, 94, 4484-4494.	3.2	45
7	Bimetallic Metalâ€“Organic Frameworks: Enhanced Peroxidase-like Activities for the Self-Activated Cascade Reaction. ACS Applied Materials & Interfaces, 2021, 13, 36106-36116.	4.0	41
8	Multifunctional Nanoflowers for Simultaneous Multimodal Imaging and High-Sensitivity Chemo-Photothermal Treatment. Bioconjugate Chemistry, 2018, 29, 559-570.	1.8	36
9	Gold nanostars decorated MnO2 nanosheets for magnetic resonance imaging and photothermal erasion of lung cancer cell. Materials Today Communications, 2018, 16, 97-104.	0.9	33
10	A tumor-microenvironment fully responsive nano-platform for MRI-guided photodynamic and photothermal synergistic therapy. Journal of Materials Chemistry B, 2020, 8, 8271-8281.	2.9	32
11	Controlled synthesis of water-dispersible and superparamagnetic Fe₃O₄ nanomaterials by a microwave-assisted solvothermal method: from nanocrystals to nanoclusters. CrystEngComm, 2017, 19, 5089-5099.	1.3	31
12	Multifunctional polyphosphazene-coated multi-walled carbon nanotubes for the synergistic treatment of redox-responsive chemotherapy and effective photothermal therapy. Polymer Chemistry, 2017, 8, 6938-6942.	1.9	30
13	Stepwise growth of gold coated cancer targeting carbon nanotubes for the precise delivery of doxorubicin combined with photothermal therapy. Journal of Materials Chemistry B, 2017, 5, 1380-1387.	2.9	27
14	Tumor microenvironment self-regulation: Bimetallic metal nanozyme-derived multifunctional nanodrug for optimizable cascade catalytic reaction-synergetic anti-tumor theranostics. Chemical Engineering Journal, 2022, 442, 136096.	6.6	27
15	Multi-layered tumor-targeting photothermal-doxorubicin releasing nanotubes eradicate tumors in vivo with negligible systemic toxicity. Nanoscale, 2018, 10, 8536-8546.	2.8	26
16	Controlled preparation of high quality WS₂ nanostructures by a microwave-assisted solvothermal method. CrystEngComm, 2018, 20, 2324-2330.	1.3	25
17	Acid-Responsive and Biologically Degradable Polyphosphazene Nanodrugs for Efficient Drug Delivery. ACS Biomaterials Science and Engineering, 2020, 6, 4285-4293.	2.6	25
18	Fluorescent Organic Nanoparticles Constructed by a Facile â€œSelf-Isolation Enhanced Emissionâ€• Strategy for Cell Imaging. ACS Applied Nano Materials, 2018, 1, 2324-2331.	2.4	23

#	Article	IF	Citations
19	One-pot synthesis of acid-degradable polyphosphazene prodrugs for efficient tumor chemotherapy. Journal of Materials Chemistry B, 2020, 8, 10540-10548.	2.9	20
20	Facile preparation of pH/redox dual-responsive biodegradable polyphosphazene prodrugs for effective cancer chemotherapy. Colloids and Surfaces B: Biointerfaces, 2021, 200, 111573.	2.5	18
21	One-pot synthesis of fluorescent and cross-linked polyphosphazene nanoparticles for highly sensitive and selective detection of dopamine in body fluids. RSC Advances, 2015, 5, 92762-92768.	1.7	16
22	Continuous phase regulation of MoSe₂ from 2H to 1T for the optimization of peroxidase-like catalysis. Journal of Materials Chemistry B, 2020, 8, 6451-6458.	2.9	14
23	Construction of hyperbranched and pH-responsive polymeric nanocarriers by yne-phenol click-reaction for tumor synergistic chemotherapy. Colloids and Surfaces B: Biointerfaces, 2021, 204, 111790.	2.5	11
24	Pt nanoenzyme decorated yolk-shell nanoplatform as an oxygen generator for enhanced multi-modality imaging-guided phototherapy. Journal of Colloid and Interface Science, 2022, 616, 759-768.	5.0	10
25	pH/ROS Dual-Responsive Polymerâ€“Drug-Based Nanocarriers: Click-Reaction Preparation and Fluorescence Imaging-Guided Chemotherapy and Photodynamic Therapy. ACS Applied Bio Materials, 2021, 4, 6294-6303.	2.3	9
26	Amino acids and doxorubicin as building blocks for metal ionâ€driven selfâ€assembly of biodegradable polyprodrugs for tumor theranostics. Acta Biomaterialia, 2022, 147, 245-257.	4.1	8
27	One-step synthesis of cross-linked and hollow microporous organicâ€“inorganic hybrid nanoreactors for selective redox reactions. Nanoscale, 2019, 11, 15017-15022.	2.8	5
28	Construction polyprodrugs by click-reactions and metal-coordination: pH-responsive release for magnetic resonance imaging guided chemotherapy. Chemical Engineering Journal, 2021, 422, 130108.	6.6	5
29	Yolk-shell polyphosphazenes nanotheranostics for multimodal imaging guided effective phototherapy. Composites Communications, 2021, 28, 100950.	3.3	4
30	Biodegradable polyphosphazene-based nanodrug to regulate redox homeostasis for augmented chemo-photodynamic therapy. Dyes and Pigments, 2022, 199, 110095.	2.0	3