

Hui Liu

List of Publications by Year in descending order

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42
papers

1,884
citations

257450

24
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265206

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43
times ranked

2786
citing authors

#	ARTICLE	IF	CITATIONS
1	Targeted CT/MR dual mode imaging of tumors using multifunctional dendrimer-entrapped gold nanoparticles. <i>Biomaterials</i> , 2013, 34, 5200-5209.	11.4	206
2	Controlled release and antibacterial activity of antibiotic-loaded electrospun halloysite/poly(lactic-co-glycolic acid) composite nanofibers. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 110, 148-155.	5.0	165
3	Multifunctional Dendrimer-Entrapped Gold Nanoparticles Modified with RGD Peptide for Targeted Computed Tomography/Magnetic Resonance Dual-Modal Imaging of Tumors. <i>Analytical Chemistry</i> , 2015, 87, 3949-3956.	6.5	122
4	Lactobionic Acid-Modified Dendrimer-Entrapped Gold Nanoparticles for Targeted Computed Tomography Imaging of Human Hepatocellular Carcinoma. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 6944-6953.	8.0	120
5	Targeted and pH-Responsive Delivery of Doxorubicin to Cancer Cells Using Multifunctional Dendrimer-Modified Multi-Walled Carbon Nanotubes. <i>Advanced Healthcare Materials</i> , 2013, 2, 1267-1276.	7.6	105
6	Targeted Tumor Computed Tomography Imaging Using Low-Generation Dendrimer-Stabilized Gold Nanoparticles. <i>Chemistry - A European Journal</i> , 2013, 19, 6409-6416.	3.3	90
7	Size-controlled synthesis of dendrimer-stabilized silver nanoparticles for X-ray computed tomography imaging applications. <i>Polymer Chemistry</i> , 2010, 1, 1677.	3.9	88
8	Synthesis of PEGylated low generation dendrimer-entrapped gold nanoparticles for CT imaging applications. <i>Nanoscale</i> , 2014, 6, 4521-4526.	5.6	75
9	The assembly of dendrimer-stabilized gold nanoparticles onto electrospun polymer nanofibers for catalytic applications. <i>Journal of Materials Chemistry A</i> , 2014, 2, 2323.	10.3	61
10	A dual-functional benzobisthiadiazole derivative as an effective theranostic agent for near-infrared photoacoustic imaging and photothermal therapy. <i>Journal of Materials Chemistry B</i> , 2016, 4, 1696-1703.	5.8	59
11	Tunable synthesis and acetylation of dendrimer-entrapped or dendrimer-stabilized gold-silver alloy nanoparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012, 94, 58-67.	5.0	57
12	Targeted CT imaging of human hepatocellular carcinoma using low-generation dendrimer-entrapped gold nanoparticles modified with lactobionic acid. <i>Journal of Materials Chemistry B</i> , 2015, 3, 286-295.	5.8	56
13	Facile hydrothermal synthesis of low generation dendrimer-stabilized gold nanoparticles for in vivo computed tomography imaging applications. <i>Polymer Chemistry</i> , 2013, 4, 1788.	3.9	55
14	Integration of cascade delivery and tumor hypoxia modulating capacities in core-releasable satellite nanovehicles to enhance tumor chemotherapy. <i>Biomaterials</i> , 2019, 223, 119465.	11.4	48
15	Hydrophobic-Sheath Segregated Macromolecular Fluorophores: Colloidal Nanoparticles of Polycaprolactone-Grafted Conjugated Polymers with Bright Far-Red/Near-Infrared Emission for Biological Imaging. <i>Biomacromolecules</i> , 2016, 17, 1673-1683.	5.4	46
16	Dendrimer-functionalized electrospun cellulose acetate nanofibers for targeted cancer cell capture applications. <i>Journal of Materials Chemistry B</i> , 2014, 2, 7384-7393.	5.8	45
17	Development of Multifunctional Polydopamine Nanoparticles As a Theranostic Nanoplatfrom against Cancer Cells. <i>Langmuir</i> , 2018, 34, 9516-9524.	3.5	42
18	Enhanced Photoacoustic and Photothermal Effect of Functionalized Polypyrrole Nanoparticles for Near-Infrared Theranostic Treatment of Tumor. <i>Biomacromolecules</i> , 2019, 20, 401-411.	5.4	41

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19	Spindle-Like MOF Derived TiO ₂ @NCs/NCNTs Composite with Modulating Defect Site and Graphitization Nanoconfined Pt NPs as Superior Bifunctional Fuel Cell Electrocatalysts. ACS Sustainable Chemistry and Engineering, 2020, 8, 1933-1942.	6.7	39
20	Facile formation of folic acid-modified dendrimer-stabilized gold-silver alloy nanoparticles for potential cellular computed tomography imaging applications. Analyst, The, 2013, 138, 1979.	3.5	38
21	Loading of Au/Ag bimetallic nanoparticles within electrospun PVA/PEI nanofibers for catalytic applications. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2018, 552, 9-15.	4.7	38
22	Multifunctional polymeric micelles loaded with doxorubicin and poly(dithienyl-diketopyrrolopyrrole) for near-infrared light-controlled chemo-phototherapy of cancer cells. Colloids and Surfaces B: Biointerfaces, 2017, 157, 398-406.	5.0	31
23	Dendrimer-mediated synthesis and shape evolution of gold-silver alloy nanoparticles. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2012, 405, 22-29.	4.7	27
24	Facile synthesis of acetylated dendrimer-entrapped gold nanoparticles with enhanced gold loading for CT imaging applications. Journal of Materials Chemistry B, 2013, 1, 2773.	5.8	25
25	Polypyrrole-iron phosphate-glucose oxidase-based nanocomposite with cascade catalytic capacity for tumor synergistic apoptosis-ferroptosis therapy. Chemical Engineering Journal, 2022, 427, 131671.	12.7	21
26	Antitumor efficacy of doxorubicin encapsulated within PEGylated poly(amidoamine) dendrimers. Journal of Applied Polymer Science, 2014, 131, .	2.6	20
27	Theranostic nanoplatfrom based on polypyrrole nanoparticles for photoacoustic imaging and photothermal therapy. Journal of Nanoparticle Research, 2018, 20, 1.	1.9	20
28	Synthesis of Size-Tunable Hollow Polypyrrole Nanostructures and Their Assembly into Folate-Targeting and pH-Responsive Anticancer Drug-Delivery Agents. Chemistry - A European Journal, 2017, 23, 17279-17289.	3.3	17
29	Silica Nanoparticles as Adhesives for Biological Tissues? Re-Examining the Effect of Particles Size, Particle Shape, and the Unexpected Role of Base. Particle and Particle Systems Characterization, 2017, 34, 1700286.	2.3	13
30	Polypyrrole-mediated polypyrrole/doxorubicin nanocomplex for chemotherapy-enhanced photothermal therapy in both NIR and NIR-II biowindows against tumor cells. Journal of Applied Polymer Science, 2020, 137, 49239.	2.6	13
31	PEGylated polyethylenimine-stabilized polypyrrole nanoparticles loaded with DOX for chemo-photothermal therapy of cancer cells. Journal of Nanoparticle Research, 2018, 20, 1.	1.9	12
32	Construction of a Polypyrrole-Based Multifunctional Nanocomposite for Dual-Modal Imaging and Enhanced Synergistic Phototherapy against Cancer Cells. Langmuir, 2019, 35, 9246-9254.	3.5	12
33	Achieving uniform Pt deposition site by tuning the surface microenvironment of bamboo-like carbon nanotubes. Applied Surface Science, 2022, 591, 153201.	6.1	12
34	PEGylated copper(II)-chelated polydopamine nanocomposites for photothermal-enhanced chemodynamic therapy against tumor cells. Journal of Applied Polymer Science, 2021, 138, 51172.	2.6	11
35	Loading IR820 Using Multifunctional Dendrimers with Enhanced Stability and Specificity. Pharmaceutics, 2018, 10, 77.	4.5	10
36	Dendrimer-mediated hydrothermal synthesis of ultrathin gold nanowires. Scientific Reports, 2013, 3, 3181.	3.3	8

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37	PEGylated polypyrrole-gold nanocomplex as enhanced photothermal agents against tumor cells. <i>Journal of Materials Science</i> , 2020, 55, 5587-5599.	3.7	8
38	Janus-like B _x /C/C Quantum Sheets with Z-scheme Mechanism Strengthen Tumor Photothermal-immunotherapy in NIR-II Biowindow. <i>Small Methods</i> , 2022, 6, e2101551.	8.6	6
39	Sustainable amorphous Fenton nanosystem for visualization-guided synergistic tumor elimination. <i>Applied Materials Today</i> , 2021, 25, 101189.	4.3	5
40	Targeted CT imaging of cancer cells using PEGylated low-generation dendrimer-entrapped gold nanoparticles. <i>Journal of Controlled Release</i> , 2015, 213, e138-e139.	9.9	4
41	Cellular Uptake Behaviors of Rigidity-Tunable Dendrimers. <i>Pharmaceutics</i> , 2018, 10, 99.	4.5	4
42	Iron-decorated, IR820-loaded polypyrrole nanocomposites for synergistic tumor photothermal, photodynamic, and chemodynamic therapy. <i>Journal of Nanoparticle Research</i> , 2022, 24, .	1.9	0