Hui Liu

List of Publications by Year
in descending order

42 papers	1,884 citations	293460 24 h-index	299063 42 g-index
43 all docs	43 docs citations	43 times ranked	3168 citing authors

#	Article	IF	Citations
1	Polypyrrole-iron phosphate-glucose oxidase-based nanocomposite with cascade catalytic capacity for tumor synergistic apoptosis-ferroptosis therapy. Chemical Engineering Journal, 2022, 427, 131671.	6.6	21
2	Iron-decorated, IR820-loaded polypyrrole nanocomposites for synergistic tumor photothermal, photodynamic, and chemodynamic therapy. Journal of Nanoparticle Research, 2022, 24, .	0.8	0
3	Achieving uniform Pt deposition site by tuning the surface microenvironment of bamboo-like carbon nanotubes. Applied Surface Science, 2022, 591, 153201.	3.1	12
4	Janusâ€like B_xC/C Quantum Sheets with Zâ€Scheme Mechanism Strengthen Tumor Photothermalâ€Immunotherapy in NIRâ€II Biowindow. Small Methods, 2022, 6, e2101551.	4.6	6
5	<scp>PEGylated</scp> copper(<scp>II</scp>)â€chelated polydopamine nanocomposites for photothermalâ€enhanced chemodynamic therapy against tumor cells. Journal of Applied Polymer Science, 2021, 138, 51172.	1.3	11
6	Sustainable amorphous Fenton nanosystem for visualization-guided synergistic tumor elimination. Applied Materials Today, 2021, 25, 101189.	2.3	5
7	Polydopamineâ€mediated polypyrrole/doxorubicin nanocomplex for chemotherapyâ€enhanced photothermal therapy in both NIRâ€I and NIRâ€II biowindows against tumor cells. Journal of Applied Polymer Science, 2020, 137, 49239.	1.3	13
8	Spindle-Like MOF Derived TiO₂@NCâ€“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.	3.2	39
9	PEGylated polypyrroleâ€“gold nanocomplex as enhanced photothermal agents against tumor cells. Journal of Materials Science, 2020, 55, 5587-5599.	1.7	8
10	Integration of cascade delivery and tumor hypoxia modulating capacities in core-releasable satellite nanovehicles to enhance tumor chemotherapy. Biomaterials, 2019, 223, 119465.	5.7	48
11	Construction of a Polypyrrole-Based Multifunctional Nanocomposite for Dual-Modal Imaging and Enhanced Synergistic Phototherapy against Cancer Cells. Langmuir, 2019, 35, 9246-9254.	1.6	12
12	Enhanced Photoacoustic and Photothermal Effect of Functionalized Polypyrrole Nanoparticles for Near-Infrared Theranostic Treatment of Tumor. Biomacromolecules, 2019, 20, 401-411.	2.6	41
13	Theranostic nanoplatform based on polypyrrole nanoparticles for photoacoustic imaging and photothermal therapy. Journal of Nanoparticle Research, 2018, 20, 1.	0.8	20
14	PEGylated polyethylenimine-stabilized polypyrrole nanoparticles loaded with DOX for chemo-photothermal therapy of cancer cells. Journal of Nanoparticle Research, 2018, 20, 1.	0.8	12
15	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.	2.3	38
16	Cellular Uptake Behaviors of Rigidity-Tunable Dendrimers. Pharmaceutics, 2018, 10, 99.	2.0	4
17	Development of Multifunctional Polydopamine Nanoparticles As a Theranostic Nanoplatform against Cancer Cells. Langmuir, 2018, 34, 9516-9524.	1.6	42
18	Loading IR820 Using Multifunctional Dendrimers with Enhanced Stability and Specificity. Pharmaceutics, 2018, 10, 77.	2.0	10

#	Article	IF	Citations
19	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.	2.5	31
20	Synthesis of Sizeâ€Tunable Hollow Polypyrrole Nanostructures and Their Assembly into Folateâ€Targeting and pHâ€Responsive Anticancer Drugâ€Delivery Agents. Chemistry - A European Journal, 2017, 23, 17279-17289.	1.7	17
21	Silica Nanoparticles as Adhesives for Biological Tissues? Reâ€Examining the Effect of Particles Size, Particle Shape, and the Unexpected Role of Base. Particle and Particle Systems Characterization, 2017, 34, 1700286.	1.2	13
22	Hydrophobic-Sheath Segregated Macromolecular Fluorophores: Colloidal Nanoparticles of Polycaprolactone-Grafted Conjugated Polymers with Bright Far-Red/Near-Infrared Emission for Biological Imaging. Biomacromolecules, 2016, 17, 1673-1683.	2.6	46
23	A dual-functional benzobisthiadiazole derivative as an effective theranostic agent for near-infrared photoacoustic imaging and photothermal therapy. Journal of Materials Chemistry B, 2016, 4, 1696-1703.	2.9	59
24	Targeted CT imaging of cancer cells using PEGylated low-generation dendrimer-entrapped gold nanoparticles. Journal of Controlled Release, 2015, 213, e138-e139.	4.8	4
25	Targeted CT imaging of human hepatocellular carcinoma using low-generation dendrimer-entrapped gold nanoparticles modified with lactobionic acid. Journal of Materials Chemistry B, 2015, 3, 286-295.	2.9	56
26	Multifunctional Dendrimer-Entrapped Gold Nanoparticles Modified with RGD Peptide for Targeted Computed Tomography/Magnetic Resonance Dual-Modal Imaging of Tumors. Analytical Chemistry, 2015, 87, 3949-3956.	3.2	122
27	Antitumor efficacy of doxorubicin encapsulated within PEGylated poly(amidoamine) dendrimers. Journal of Applied Polymer Science, 2014, 131, .	1.3	20
28	The assembly of dendrimer-stabilized gold nanoparticles onto electrospun polymer nanofibers for catalytic applications. Journal of Materials Chemistry A, 2014, 2, 2323.	5.2	61
29	Synthesis of PEGylated low generation dendrimer-entrapped gold nanoparticles for CT imaging applications. Nanoscale, 2014, 6, 4521-4526.	2.8	75
30	Dendrimer-functionalized electrospun cellulose acetate nanofibers for targeted cancer cell capture applications. Journal of Materials Chemistry B, 2014, 2, 7384-7393.	2.9	45
31	Lactobionic Acid-Modified Dendrimer-Entrapped Gold Nanoparticles for Targeted Computed Tomography Imaging of Human Hepatocellular Carcinoma. ACS Applied Materials & Interfaces, 2014, 6, 6944-6953.	4.0	120
32	Facile hydrothermal synthesis of low generation dendrimer-stabilized gold nanoparticles for in vivo computed tomography imaging applications. Polymer Chemistry, 2013, 4, 1788.	1.9	55
33	Facile synthesis of acetylated dendrimer-entrapped gold nanoparticles with enhanced gold loading for CT imaging applications. Journal of Materials Chemistry B, 2013, 1, 2773.	2.9	25
34	Targeted CT/MR dual mode imaging of tumors using multifunctional dendrimer-entrapped gold nanoparticles. Biomaterials, 2013, 34, 5200-5209.	5.7	206
35	Targeted Tumor Computed Tomography Imaging Using Lowâ€Generation Dendrimerâ€Stabilized Gold Nanoparticles. Chemistry - A European Journal, 2013, 19, 6409-6416.	1.7	90
36	Targeted and pHâ€Responsive Delivery of Doxorubicin to Cancer Cells Using Multifunctional Dendrimerâ€Modified Multiâ€Walled Carbon Nanotubes. Advanced Healthcare Materials, 2013, 2, 1267-1276.	3.9	105

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37	Facile formation of folic acid-modified dendrimer-stabilized goldâ€“silver alloy nanoparticles for potential cellular computed tomography imaging applications. Analyst, The, 2013, 138, 1979.	1.7	38
38	Controlled release and antibacterial activity of antibiotic-loaded electrospun halloysite/poly(lactic-co-glycolic acid) composite nanofibers. Colloids and Surfaces B: Biointerfaces, 2013, 110, 148-155.	2.5	165
39	Dendrimer-mediated hydrothermal synthesis of ultrathin gold nanowires. Scientific Reports, 2013, 3, 3181.	1.6	8
40	Dendrimer-mediated synthesis and shape evolution of goldâ€“silver alloy nanoparticles. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2012, 405, 22-29.	2.3	27
41	Tunable synthesis and acetylation of dendrimer-entrapped or dendrimer-stabilized goldâ€“silver alloy nanoparticles. Colloids and Surfaces B: Biointerfaces, 2012, 94, 58-67.	2.5	57
42	Size-controlled synthesis of dendrimer-stabilized silver nanoparticles for X-ray computed tomography imaging applications. Polymer Chemistry, 2010, 1, 1677.	1.9	88