

Yong Hu

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114
papers

5,362
citations

36
h-index

71
g-index

117
ext. papers

6,105
ext. citations

8.6
avg, IF

5.76
L-index

#	Paper	IF	Citations
114	Biocompatible Nanoparticles with Aggregation-Induced Emission Characteristics as Far-Red/Near-Infrared Fluorescent Bioprobes for In Vitro and In Vivo Imaging Applications. <i>Advanced Functional Materials</i> , 2012 , 22, 771-779	15.6	545
113	Synthesis and characterization of chitosan-poly(acrylic acid) nanoparticles. <i>Biomaterials</i> , 2002 , 23, 3193-2016	15.6	418
112	Hyaluronic acid-modified Fe ₃ O ₄ @Au core/shell nanostars for multimodal imaging and photothermal therapy of tumors. <i>Biomaterials</i> , 2015 , 38, 10-21	15.6	314
111	Effect of PEG conformation and particle size on the cellular uptake efficiency of nanoparticles with the HepG2 cells. <i>Journal of Controlled Release</i> , 2007 , 118, 7-17	11.7	285
110	Preparation and drug release behaviors of nimodipine-loaded poly(caprolactone)-poly(ethylene oxide)-polylactide amphiphilic copolymer nanoparticles. <i>Biomaterials</i> , 2003 , 24, 2395-404	15.6	235
109	Construction of iron oxide nanoparticle-based hybrid platforms for tumor imaging and therapy. <i>Chemical Society Reviews</i> , 2018 , 47, 1874-1900	58.5	214
108	Increased enzymatic O-GlcNAcylation of mitochondrial proteins impairs mitochondrial function in cardiac myocytes exposed to high glucose. <i>Journal of Biological Chemistry</i> , 2009 , 284, 547-555	5.4	162
107	Camptothecin derivative-loaded poly(caprolactone-co-lactide)-b-PEG-b-poly(caprolactone-co-lactide) nanoparticles and their biodistribution in mice. <i>Journal of Controlled Release</i> , 2004 , 96, 135-48	11.7	159
106	Conjugated Polymer Based Nanoparticles as Dual-Modal Probes for Targeted In Vivo Fluorescence and Magnetic Resonance Imaging. <i>Advanced Functional Materials</i> , 2012 , 22, 3107-3115	15.6	147
105	Hypoxia-Targeting, Tumor Microenvironment Responsive Nanocluster Bomb for Radical-Enhanced Radiotherapy. <i>ACS Nano</i> , 2017 , 11, 10159-10174	16.7	119
104	Degradation behavior of poly(epsilon-caprolactone)-b-poly(ethylene glycol)-b-poly(epsilon-caprolactone) micelles in aqueous solution. <i>Biomacromolecules</i> , 2004 , 5, 1756-62	6.9	118
103	Hollow chitosan/poly(acrylic acid) nanospheres as drug carriers. <i>Biomacromolecules</i> , 2007 , 8, 1069-76	6.9	112
102	Organic Dots with Aggregation-Induced Emission (AIE Dots) Characteristics for Dual-Color Cell Tracing. <i>Chemistry of Materials</i> , 2013 , 25, 4181-4187	9.6	108
101	Polymer-monomer pairs as a reaction system for the synthesis of magnetic Fe ₃ O ₄ -polymer hybrid hollow nanospheres. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 6369-72	16.4	93
100	Multifunctional Fe ₃ O ₄ @ Au core/shell nanostars: a unique platform for multimode imaging and photothermal therapy of tumors. <i>Scientific Reports</i> , 2016 , 6, 28325	4.9	89
99	Overcoming Hypoxia by Multistage Nanoparticle Delivery System to Inhibit Mitochondrial Respiration for Photodynamic Therapy. <i>Advanced Functional Materials</i> , 2019 , 29, 1807294	15.6	83
98	Synthesis and application of strawberry-like Fe ₃ O ₄ -Au nanoparticles as CT-MR dual-modality contrast agents in accurate detection of the progressive liver disease. <i>Biomaterials</i> , 2015 , 51, 194-207	15.6	80

97	Doxorubicin-loaded platelets as a smart drug delivery system: An improved therapy for lymphoma. <i>Scientific Reports</i> , 2017 , 7, 42632	4.9	75
96	Synthesis of hydroxypropylcellulose-poly(acrylic acid) particles with semi-interpenetrating polymer network structure. <i>Biomacromolecules</i> , 2008 , 9, 2609-14	6.9	73
95	Top-down fabrication of shape-controlled, monodisperse nanoparticles for biomedical applications. <i>Advanced Drug Delivery Reviews</i> , 2018 , 132, 169-187	18.5	68
94	Dendrimer-Stabilized Gold Nanostars as a Multifunctional Theranostic Nanoplatform for CT Imaging, Photothermal Therapy, and Gene Silencing of Tumors. <i>Advanced Healthcare Materials</i> , 2016 , 5, 3203-3213	10.1	68
93	Multifunctional BiWO Nanoparticles for CT-Guided Photothermal and Oxygen-free Photodynamic Therapy. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 1132-1146	9.5	66
92	Recent Advances in Nanostrategies Capable of Overcoming Biological Barriers for Tumor Management. <i>Advanced Materials</i> , 2020 , 32, e1904337	24	61
91	Preparation, characterization, and drug release behaviors of drug-loaded ϵ -caprolactone/L-lactide copolymer nanoparticles. <i>Journal of Applied Polymer Science</i> , 2000 , 75, 874-882	2.9	61
90	Facile synthesis of RGD peptide-modified iron oxide nanoparticles with ultrahigh relaxivity for targeted MR imaging of tumors. <i>Biomaterials Science</i> , 2015 , 3, 721-32	7.4	55
89	An RGD-modified hollow silica@Au core/shell nanoplatform for tumor combination therapy. <i>Acta Biomaterialia</i> , 2017 , 62, 273-283	10.8	55
88	Fabrication of injectable and superelastic nanofiber rectangle matrices ("peanuts") and their potential applications in hemostasis. <i>Biomaterials</i> , 2018 , 179, 46-59	15.6	55
87	Membrane-Active Hydantoin Derivatives as Antibiotic Agents. <i>Journal of Medicinal Chemistry</i> , 2017 , 60, 8456-8465	8.3	52
86	Degradation and degradation-induced re-assembly of PVP-PCL micelles. <i>Biomacromolecules</i> , 2010 , 11, 481-8	6.9	51
85	Fluorescence guided photothermal/photodynamic ablation of tumours using pH-responsive chlorin e6-conjugated gold nanorods. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017 , 160, 345-354	6	47
84	X-ray CT guided fault-free photothermal ablation of metastatic lymph nodes with ultrafine HER-2 targeting W18O49 nanoparticles. <i>Biomaterials</i> , 2014 , 35, 9155-66	15.6	45
83	Folic acid-targeted iron oxide nanoparticles as contrast agents for magnetic resonance imaging of human ovarian cancer. <i>Journal of Ovarian Research</i> , 2016 , 9, 19	5.5	43
82	Antifouling Manganese Oxide Nanoparticles: Synthesis, Characterization, and Applications for Enhanced MR Imaging of Tumors. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 47-53	9.5	42
81	Facile synthesis of hyaluronic acid-modified FeO/Au composite nanoparticles for targeted dual mode MR/CT imaging of tumors. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 9098-9108	7.3	41
80	Enzyme sensitive, surface engineered nanoparticles for enhanced delivery of camptothecin. <i>Journal of Controlled Release</i> , 2015 , 216, 111-20	11.7	40

79	Small Antimicrobial Agents Based on Acylated Reduced Amide Scaffold. <i>Journal of Medicinal Chemistry</i> , 2016 , 59, 7877-87	8.3	38
78	Radiotherapy-Sensitized Tumor Photothermal Ablation Using Polyglutamic Acid Nanogels Loaded with Polypyrrole. <i>Biomacromolecules</i> , 2018 , 19, 2034-2042	6.9	36
77	Doxorubicin-loaded poly(butylcyanoacrylate) nanoparticles produced by emulsifier-free emulsion polymerization. <i>Journal of Applied Polymer Science</i> , 2000 , 78, 517-526	2.9	34
76	LAPONITE [®] -stabilized iron oxide nanoparticles for in vivo MR imaging of tumors. <i>Biomaterials Science</i> , 2016 , 4, 474-82	7.4	33
75	Eradication of unresectable liver metastasis through induction of tumour specific energy depletion. <i>Nature Communications</i> , 2019 , 10, 3051	17.4	33
74	LAPONITE-Polyethylenimine Based Theranostic Nanoplatform for Tumor-Targeting CT Imaging and Chemotherapy. <i>ACS Biomaterials Science and Engineering</i> , 2017 , 3, 431-442	5.5	32
73	H ₂ O ₂ -Sensitive Upconversion Nanocluster Bomb for Tri-Mode Imaging-Guided Photodynamic Therapy in Deep Tumor Tissue. <i>Advanced Healthcare Materials</i> , 2019 , 8, e1900972	10.1	30
72	Fabrication of Au@Ag core-shell NPs as enhanced CT contrast agents with broad antibacterial properties. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014 , 117, 29-35	6	30
71	Au-Hemoglobin Loaded Platelet Alleviating Tumor Hypoxia and Enhancing the Radiotherapy Effect with Low-Dose X-ray. <i>ACS Nano</i> , 2020 , 14, 15654-15668	16.7	28
70	Stacking of doxorubicin on folic acid-targeted multiwalled carbon nanotubes for in vivo chemotherapy of tumors. <i>Drug Delivery</i> , 2018 , 25, 1607-1616	7	28
69	The effects of poly(zwitterions)s versus poly(ethylene glycol) surface coatings on the biodistribution of protein nanoparticles. <i>Biomaterials Science</i> , 2016 , 4, 1351-60	7.4	27
68	X-ray CT and pneumonia inhibition properties of gold-silver nanoparticles for targeting MRSA induced pneumonia. <i>Biomaterials</i> , 2014 , 35, 7032-41	15.6	27
67	Synthesis and characterization of lignosulfonate-graft-poly(acrylic acid)/hydroxyethyl cellulose semi-interpenetrating hydrogels. <i>Reactive and Functional Polymers</i> , 2017 , 115, 28-35	4.6	26
66	Anti-RhoJ antibody functionalized Au@I nanoparticles as CT-guided tumor vessel-targeting radiosensitizers in patient-derived tumor xenograft model. <i>Biomaterials</i> , 2017 , 141, 1-12	15.6	26
65	Hyaluronic acid-modified magnetic iron oxide nanoparticles for MR imaging of surgically induced endometriosis model in rats. <i>PLoS ONE</i> , 2014 , 9, e94718	3.7	26
64	Hybrid nanoparticle composites applied to photodynamic therapy: strategies and applications. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 4726-4737	7.3	25
63	Bypassing the Immunosuppression of Myeloid-Derived Suppressor Cells by Reversing Tumor Hypoxia Using a Platelet-Inspired Platform. <i>Advanced Functional Materials</i> , 2020 , 30, 2000189	15.6	24
62	Hollow chitosan-silica nanospheres for doxorubicin delivery to cancer cells with enhanced antitumor effect in vivo. <i>Journal of Materials Chemistry</i> , 2011 , 21, 3147		24

61	Controlled release of recombinant human cementum protein 1 from electrospun multiphasic scaffold for cementum regeneration. <i>International Journal of Nanomedicine</i> , 2016 , 11, 3145-58	7.3	24
60	Synthesis of Cyclodextrin modified chitosan-poly(acrylic acid) nanoparticles and use as drug carriers. <i>Carbohydrate Polymers</i> , 2012 , 90, 361-9	10.3	23
59	Long non-coding RNA CASC2 upregulates PTEN to suppress pancreatic carcinoma cell metastasis by downregulating miR-21. <i>Cancer Cell International</i> , 2019 , 19, 18	6.4	21
58	Long-term monitoring of tumor-related autophagy in vivo by Fe ₃ O ₄ nanoparticles. <i>Biomaterials</i> , 2018 , 179, 186-198	15.6	21
57	Facile Synthesis of Folic Acid-Modified Iron Oxide Nanoparticles for Targeted MR Imaging in Pulmonary Tumor Xenografts. <i>Molecular Imaging and Biology</i> , 2016 , 18, 569-78	3.8	20
56	Ultra-sensitive diagnosis of orthotopic patient derived hepatocellular carcinoma by Fe@graphene nanoparticles in MRI. <i>RSC Advances</i> , 2016 , 6, 113919-113923	3.7	19
55	X-ray-Based Techniques to Study the Nano-Bio Interface. <i>ACS Nano</i> , 2021 , 15, 3754-3807	16.7	18
54	MiR-132 promotes the proliferation, invasion and migration of human pancreatic carcinoma by inhibition of the tumor suppressor gene PTEN. <i>Progress in Biophysics and Molecular Biology</i> , 2019 , 148, 65-72	4.7	18
53	Facile preparation of hyaluronic acid-modified Fe ₃ O ₄ @Mn ₃ O ₄ nanocomposites for targeted T1/T2 dual-mode MR imaging of cancer cells. <i>RSC Advances</i> , 2016 , 6, 35295-35304	3.7	17
52	Targeted dual-mode imaging and phototherapy of tumors using ICG-loaded multifunctional MWCNTs as a versatile platform. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 6122-6132	7.3	16
51	An Oxygen Self-Evolving, Multistage Delivery System for Deeply Located Hypoxic Tumor Treatment. <i>Advanced Healthcare Materials</i> , 2020 , 9, e1901303	10.1	16
50	Doxorubicin Loaded Chitosan-W O Hybrid Nanoparticles for Combined Photothermal-Chemotherapy. <i>Macromolecular Bioscience</i> , 2017 , 17, 1700033	5.5	15
49	Ultrafast glucose-responsive, high loading capacity erythrocyte to self-regulate the release of insulin. <i>Acta Biomaterialia</i> , 2018 , 69, 301-312	10.8	15
48	Daunorubicin and gambogic acid coloaded cysteamine-CdTe quantum dots minimizing the multidrug resistance of lymphoma in vitro and in vivo. <i>International Journal of Nanomedicine</i> , 2016 , 11, 5429-5442	7.3	15
47	Construction of Identical [2 + 2] Schiff-Base Macrocyclic Ligands by Ln(III) and Zn(II) Template Ions Including Efficient Yb(III) Near-Infrared Sensitizers. <i>Inorganic Chemistry</i> , 2015 , 54, 5295-300	5.1	14
46	Chip-Based Optical Isolator and Nonreciprocal Parity-Time Symmetry Induced by Stimulated Brillouin Scattering. <i>Laser and Photonics Reviews</i> , 2020 , 14, 1900278	8.3	14
45	Anti-Fas Antibody Conjugated Nanoparticles Enhancing the Antitumor Effect of Camptothecin by Activating the Fas-FasL Apoptotic Pathway. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 29950-29959	9.5	14
44	Fabrication and Characterization of Gd-DTPA-Loaded Chitosan-Poly(Acrylic Acid) Nanoparticles for Magnetic Resonance Imaging. <i>Macromolecular Bioscience</i> , 2015 , 15, 1105-14	5.5	13

43	Epitaxial growth of gold on silver nanoplates for imaging-guided photothermal therapy. <i>Materials Science and Engineering C</i> , 2019 , 105, 110023	8.3	13
42	Multicomponent polymeric nanoparticles enhancing intracellular drug release in cancer cells. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 21316-24	9.5	13
41	Two Types of Anion-Induced Reconstruction of Schiff-Base Macrocyclic Zinc Complexes: Ring-Contraction and Self-Assembly of a Molecular Box. <i>Inorganic Chemistry</i> , 2016 , 55, 16-21	5.1	12
40	Analysis of a triple-cavity photonic molecule based on coupled-mode theory. <i>Physical Review A</i> , 2017 , 95,	2.6	12
39	Paclitaxel-Loaded β -Cyclodextrin-Modified Poly(Acrylic Acid) Nanoparticles through Multivalent Inclusion for Anticancer Therapy. <i>Macromolecular Bioscience</i> , 2016 , 16, 341-9	5.5	12
38	Silver nanoshells as tri-mode bactericidal agents integrating long term antibacterial, photohyperthermia and triggered Ag ⁺ release capabilities. <i>RSC Advances</i> , 2013 , 3, 10632	3.7	11
37	Facile Synthesis of Lactobionic Acid-Targeted Iron Oxide Nanoparticles with Ultrahigh Relaxivity for Targeted MR Imaging of an Orthotopic Model of Human Hepatocellular Carcinoma. <i>Particle and Particle Systems Characterization</i> , 2017 , 34, 1600113	3.1	11
36	Acetazolamide-Loaded pH-Responsive Nanoparticles Alleviating Tumor Acidosis to Enhance Chemotherapy Effects. <i>Macromolecular Bioscience</i> , 2019 , 19, e1800366	5.5	11
35	Surface-modified polymeric nanoparticles for drug delivery to cancer cells. <i>Expert Opinion on Drug Delivery</i> , 2021 , 18, 1-24	8	11
34	Nitroxide-radicals-modified gold nanorods for in vivo CT/MRI-guided photothermal cancer therapy. <i>International Journal of Nanomedicine</i> , 2018 , 13, 7123-7134	7.3	9
33	Physical stability and lyophilization of poly(epsilon-caprolactone)-b-poly(ethyleneglycol)-b-poly(epsilon-caprolactone) micelles. <i>Journal of Nanoscience and Nanotechnology</i> , 2006 , 6, 3032-9	1.3	8
32	Polymer/Monomer Pairs as a Reaction System for the Synthesis of Magnetic Fe ₃ O ₄ /Polymer Hybrid Hollow Nanospheres. <i>Angewandte Chemie</i> , 2004 , 116, 6529-6532	3.6	8
31	Construction of Chiral [4 + 4] and [2 + 2] Schiff-Base Macrocyclic Zinc(II) Complexes Influenced by Counterions and Pendant Arms. <i>Inorganic Chemistry</i> , 2016 , 55, 8260-2	5.1	8
30	Doxorubicin loaded chitosan/ZnO hybrid nanospheres combining cell imaging and cancer therapy. <i>RSC Advances</i> , 2015 , 5, 60549-60551	3.7	7
29	Synthesis of diatrizoic acid-modified LAPONITE [®] nanodisks for CT imaging applications. <i>RSC Advances</i> , 2016 , 6, 57490-57496	3.7	7
28	Porous gold layer coated silver nanoplates with efficient antimicrobial activity. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020 , 186, 110727	6	7
27	Immediate postoperative Fibrosis-4 predicts postoperative liver failure for patients with hepatocellular carcinoma undergoing curative surgery. <i>Digestive and Liver Disease</i> , 2018 , 50, 61-67	3.3	6
26	Preparation of ALA-loaded PLGA nanoparticles and its application in PDT treatment. <i>Journal of Chemical Technology and Biotechnology</i> , 2016 , 91, 1128-1135	3.5	6

25	Spatiotemporally programmable surface engineered nanoparticles for effective anticancer drug delivery. <i>Macromolecular Bioscience</i> , 2014 , 14, 1652-62	5.5	6
24	Reversible Surface Switching of Nanogel Triggered by External Stimuli. <i>Angewandte Chemie</i> , 2007 , 119, 7234-7237	3.6	6
23	Facile synthesis of polymer core@silver shell hybrid nanoparticles with super surface enhanced Raman scattering capability. <i>Journal of Colloid and Interface Science</i> , 2013 , 393, 119-25	9.3	5
22	Fluorescence Imaging: Bright Far-Red/Near-Infrared Conjugated Polymer Nanoparticles for In Vivo Bioimaging (Small 18/2013). <i>Small</i> , 2013 , 9, 3092-3092	11	5
21	Modulating Angiogenesis by Proteomimetics of Vascular Endothelial Growth Factor.. <i>Journal of the American Chemical Society</i> , 2021 ,	16.4	5
20	In-situ polymerized nanosilica/acrylic/epoxy hybrid coating: Preparation, microstructure and properties. <i>Science in China Series D: Earth Sciences</i> , 2009 , 52, 2204-2209		4
19	The Sustainability of Energy Conversion Inhibition for Tumor Ferroptosis Therapy and Chemotherapy. <i>Small</i> , 2021 , 17, e2102695	11	4
18	Using PEGylated iron oxide nanoparticles with ultrahigh relaxivity for MR imaging of an orthotopic model of human hepatocellular carcinoma. <i>Journal of Nanoparticle Research</i> , 2017 , 19, 1	2.3	3
17	A Series of [2+2] Schiff Base Macrocyclic Dinuclear ZnII Complexes with Rigid 1,2-Diamine and Flexible 1,8-Diamine Components. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 540-546	2.3	3
16	Imaging: Conjugated Polymer Amplified Far-Red/Near-Infrared Fluorescence from Nanoparticles with Aggregation-Induced Emission Characteristics for Targeted In Vivo Imaging (Adv. Healthcare Mater. 3/2013). <i>Advanced Healthcare Materials</i> , 2013 , 2, 382-382	10.1	3
15	Gold encapsulated chitosan-poly(acrylic acid) hybrid hollow nanospheres. <i>Macromolecular Bioscience</i> , 2009 , 9, 1272-80	5.5	3
14	Small antimicrobial agents encapsulated in poly(epsilon-caprolactone)-poly(ethylene glycol) nanoparticles for treatment of S. aureus-infected wounds. <i>Journal of Nanoparticle Research</i> , 2018 , 20, 1	2.3	3
13	Preservation of Supported Lipid Membrane Integrity from Thermal Disruption: Osmotic Effect. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 5857-66	9.5	2
12	Fibrosis-4 Model Influences Results of Patients with Hepatocellular Carcinoma Undergoing Hepatectomy. <i>BioMed Research International</i> , 2018 , 2018, 4305408	3	2
11	Preparation of porous chitosan-poly(acrylic acid)-calcium phosphate hybrid nanoparticles via mineralization. <i>Science Bulletin</i> , 2009 , 54, 3127-3136		2
10	Generation of Optical Frequency Comb via Giant Optomechanical Oscillation. <i>Physical Review Letters</i> , 2021 , 127, 134301	7.4	2
9	Absorption and gain saturable nonlinearities in erbium-doped optical microcavities. <i>Physical Review A</i> , 2019 , 100,	2.6	1
8	Polymer-assisted nanoparticulate contrast-enhancing materials. <i>Science China Chemistry</i> , 2010 , 53, 479-486		1

7	Erythrocyte-mimicking subcutaneous platform with a laser-controlled treatment against diabetes. <i>Journal of Controlled Release</i> , 2021 , 341, 261-271	11.7	1
6	Acid susceptible polymeric stealthy nanoparticles for improved anticancer drug delivery. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2020 , 69, 1187-1196	3	1
5	Strategies of Alleviating Tumor Hypoxia and Enhancing Tumor Therapeutic Effect by Macromolecular Nanomaterials. <i>Macromolecular Bioscience</i> , 2021 , 21, e2100092	5.5	1
4	Unilateral vertebral artery injury in a patient with displaced upper cervical spine fractures: the treatment for one case of vertebral artery embolism. <i>European Spine Journal</i> , 2018 , 27, 409-414	2.7	1
3	Platinum prodrug nanoparticles inhibiting tumor recurrence and metastasis by concurrent chemoradiotherapy.. <i>Journal of Nanobiotechnology</i> , 2022 , 20, 129	9.4	1
2	X-ray CT detection and photo ablation of metastatic positive lymph node with HER-2 targeting W18O49 platform. <i>Journal of Controlled Release</i> , 2015 , 213, e139	11.7	
1	Tumor Cell Distinguishable Nanomedicine Integrating Chemotherapeutic Sensitization and Protection. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021 , 9, 773021	5.8	