## Yong Hu

## List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/4978462/publications.pdf

Version: 2024-02-01

	61984	62596
6,843	43	80
citations	h-index	g-index
117	117	10667
		citing authors
		3
	6,843 citations  117 docs citations	6,843 43 citations h-index  117 117

#	Article	IF	CITATIONS
1	Erythrocyte-mimicking subcutaneous platform with a laser-controlled treatment against diabetes. Journal of Controlled Release, 2022, 341, 261-271.	9.9	10
2	Modulating Angiogenesis by Proteomimetics of Vascular Endothelial Growth Factor. Journal of the American Chemical Society, 2022, 144, 270-281.	13.7	39
3	Platinum prodrug nanoparticles inhibiting tumor recurrence and metastasis by concurrent chemoradiotherapy. Journal of Nanobiotechnology, 2022, 20, 129.	9.1	11
4	Regulating Acidosis and Relieving Hypoxia by Platelet Membrane-Coated Nanoparticle for Enhancing Tumor Chemotherapy. Frontiers in Bioengineering and Biotechnology, 2022, 10, .	4.1	8
5	Surface-modified polymeric nanoparticles for drug delivery to cancer cells. Expert Opinion on Drug Delivery, 2021, 18, 1-24.	5.0	40
6	X-ray-Based Techniques to Study the Nano–Bio Interface. ACS Nano, 2021, 15, 3754-3807.	14.6	60
7	Strategies of Alleviating Tumor Hypoxia and Enhancing Tumor Therapeutic Effect by Macromolecular Nanomaterials. Macromolecular Bioscience, 2021, 21, e2100092.	4.1	14
8	The Sustainability of Energy Conversion Inhibition for Tumor Ferroptosis Therapy and Chemotherapy. Small, 2021, 17, e2102695.	10.0	30
9	Generation of Optical Frequency Comb via Giant Optomechanical Oscillation. Physical Review Letters, 2021, 127, 134301.	7.8	29
10	Tumor Cell Distinguishable Nanomedicine Integrating Chemotherapeutic Sensitization and Protection. Frontiers in Bioengineering and Biotechnology, 2021, 9, 773021.	4.1	0
11	Recent Advances in Nanostrategies Capable of Overcoming Biological Barriers for Tumor Management. Advanced Materials, 2020, 32, e1904337.	21.0	130
12	Acid susceptible polymeric stealthy nanoparticles for improved anticancer drug delivery. International Journal of Polymeric Materials and Polymeric Biomaterials, 2020, 69, 1187-1196.	3.4	1
13	Porous gold layer coated silver nanoplates with efficient antimicrobial activity. Colloids and Surfaces B: Biointerfaces, 2020, 186, 110727.	5.0	10
14	An Oxygen Selfâ€Evolving, Multistage Delivery System for Deeply Located Hypoxic Tumor Treatment. Advanced Healthcare Materials, 2020, 9, e1901303.	7.6	39
15	Au–Hemoglobin Loaded Platelet Alleviating Tumor Hypoxia and Enhancing the Radiotherapy Effect with Low-Dose X-ray. ACS Nano, 2020, 14, 15654-15668.	14.6	85
16	Chipâ€Based Optical Isolator and Nonreciprocal Parityâ€Time Symmetry Induced by Stimulated Brillouin Scattering. Laser and Photonics Reviews, 2020, 14, 1900278.	8.7	31
17	Hybrid nanoparticle composites applied to photodynamic therapy: strategies and applications. Journal of Materials Chemistry B, 2020, 8, 4726-4737.	5.8	48
18	Bypassing the Immunosuppression of Myeloidâ€Derived Suppressor Cells by Reversing Tumor Hypoxia Using a Plateletâ€Inspired Platform. Advanced Functional Materials, 2020, 30, 2000189.	14.9	54

#	Article	IF	Citations
19	Eradication of unresectable liver metastasis through induction of tumour specific energy depletion. Nature Communications, 2019, 10, 3051.	12.8	52
20	Epitaxial growth of gold on silver nanoplates for imaging-guided photothermal therapy. Materials Science and Engineering C, 2019, 105, 110023.	7.3	22
21	H <sub>2</sub> O <sub>2</sub> â€Sensitive Upconversion Nanocluster Bomb for Triâ€Mode Imagingâ€Guided Photodynamic Therapy in Deep Tumor Tissue. Advanced Healthcare Materials, 2019, 8, e1900972.	7.6	38
22	Absorption and gain saturable nonlinearities in erbium-doped optical microcavities. Physical Review A, 2019, 100, .	2.5	2
23	Long non-coding RNA CASC2 upregulates PTEN to suppress pancreatic carcinoma cell metastasis by downregulating miR-21. Cancer Cell International, 2019, 19, 18.	4.1	33
24	Overcoming Hypoxia by Multistage Nanoparticle Delivery System to Inhibit Mitochondrial Respiration for Photodynamic Therapy. Advanced Functional Materials, 2019, 29, 1807294.	14.9	132
25	Acetazolamideâ€Loaded pHâ€Responsive Nanoparticles Alleviating Tumor Acidosis to Enhance Chemotherapy Effects. Macromolecular Bioscience, 2019, 19, e1800366.	4.1	15
26	MiR-132 promotes the proliferation, invasion and migration of human pancreatic carcinoma by inhibition of the tumor suppressor gene PTEN. Progress in Biophysics and Molecular Biology, 2019, 148, 65-72.	2.9	29
27	Construction of iron oxide nanoparticle-based hybrid platforms for tumor imaging and therapy. Chemical Society Reviews, 2018, 47, 1874-1900.	38.1	300
28	Ultrafast glucose-responsive, high loading capacity erythrocyte to self-regulate the release of insulin. Acta Biomaterialia, 2018, 69, 301-312.	8.3	28
29	Multifunctional Bi <sub>2</sub> WO <sub>6</sub> Nanoparticles for CT-Guided Photothermal and Oxygen-free Photodynamic Therapy. ACS Applied Materials & Samp; Interfaces, 2018, 10, 1132-1146.	8.0	89
30	Radiotherapy-Sensitized Tumor Photothermal Ablation Using $\hat{I}^3$ -Polyglutamic Acid Nanogels Loaded with Polypyrrole. Biomacromolecules, 2018, 19, 2034-2042.	5.4	50
31	Immediate postoperative Fibrosis-4 predicts postoperative liver failure for patients with hepatocellular carcinoma undergoing curative surgery. Digestive and Liver Disease, 2018, 50, 61-67.	0.9	6
32	Unilateral vertebral artery injury in a patient with displaced upper cervical spine fractures: the treatment for one case of vertebral artery embolism. European Spine Journal, 2018, 27, 409-414.	2.2	2
33	Nitroxide-radicals–modified gold nanorods for in vivo CT/MRI-guided photothermal cancer therapy. International Journal of Nanomedicine, 2018, Volume 13, 7123-7134.	6.7	11
34	Small antimicrobial agents encapsulated in poly(epsilon-caprolactone)-poly(ethylene glycol) nanoparticles for treatment of S. aureus-infected wounds. Journal of Nanoparticle Research, 2018, 20, 1.	1.9	5
35	Stacking of doxorubicin on folic acid-targeted multiwalled carbon nanotubes for <i>in vivo</i> chemotherapy of tumors. Drug Delivery, 2018, 25, 1607-1616.	5.7	47
36	Fabrication of injectable and superelastic nanofiber rectangle matrices ("peanutsâ€) and their potential applications in hemostasis. Biomaterials, 2018, 179, 46-59.	11.4	96

#	Article	IF	CITATIONS
37	Long-term monitoring of tumor-related autophagy inÂvivo by Fe3O4NO· nanoparticles. Biomaterials, 2018, 179, 186-198.	11.4	35
38	Fibrosis-4 Model Influences Results of Patients with Hepatocellular Carcinoma Undergoing Hepatectomy. BioMed Research International, 2018, 2018, 1-9.	1.9	2
39	Top-down fabrication of shape-controlled, monodisperse nanoparticles for biomedical applications. Advanced Drug Delivery Reviews, 2018, 132, 169-187.	13.7	135
40	Targeted dual-mode imaging and phototherapy of tumors using ICG-loaded multifunctional MWCNTs as a versatile platform. Journal of Materials Chemistry B, 2018, 6, 6122-6132.	5.8	20
41	Using PEGylated iron oxide nanoparticles with ultrahigh relaxivity for MR imaging of an orthotopic model of human hepatocellular carcinoma. Journal of Nanoparticle Research, 2017, 19, 1.	1.9	5
42	Doxorubicin-loaded platelets as a smart drug delivery system: An improved therapy for lymphoma. Scientific Reports, 2017, 7, 42632.	3.3	109
43	Doxorubicin Loaded Chitosan–W <sub>18</sub> O <sub>49</sub> Hybrid Nanoparticles for Combined Photothermal–Chemotherapy. Macromolecular Bioscience, 2017, 17, 1700033.	4.1	20
44	Synthesis and characterization of lignosulfonate- graft -poly (acrylic acid)/hydroxyethyl cellulose semi-interpenetrating hydrogels. Reactive and Functional Polymers, 2017, 115, 28-35.	4.1	31
45	Antifouling Manganese Oxide Nanoparticles: Synthesis, Characterization, and Applications for Enhanced MR Imaging of Tumors. ACS Applied Materials & Interfaces, 2017, 9, 47-53.	8.0	52
46	LAPONITE-Polyethylenimine Based Theranostic Nanoplatform for Tumor-Targeting CT Imaging and Chemotherapy. ACS Biomaterials Science and Engineering, 2017, 3, 431-442.	5.2	44
47	Fluorescence guided photothermal/photodynamic ablation of tumours using pH-responsive chlorin e6-conjugated gold nanorods. Colloids and Surfaces B: Biointerfaces, 2017, 160, 345-354.	5.0	60
48	Membrane-Active Hydantoin Derivatives as Antibiotic Agents. Journal of Medicinal Chemistry, 2017, 60, 8456-8465.	6.4	80
49	Hypoxia-Targeting, Tumor Microenvironment Responsive Nanocluster Bomb for Radical-Enhanced Radiotherapy. ACS Nano, 2017, 11, 10159-10174.	14.6	142
50	An RGD-modified hollow silica@Au core/shell nanoplatform for tumor combination therapy. Acta Biomaterialia, 2017, 62, 273-283.	8.3	89
51	Anti-RhoJ antibody functionalized Au@I nanoparticles as CT-guided tumor vessel-targeting radiosensitizers in patient-derived tumor xenograft model. Biomaterials, 2017, 141, 1-12.	11.4	32
52	Analysis of a triple-cavity photonic molecule based on coupled-mode theory. Physical Review A, 2017, 95, .	2.5	18
53	Facile Synthesis of Lactobionic Acid-Targeted Iron Oxide Nanoparticles with Ultrahigh Relaxivity for Targeted MR Imaging of an Orthotopic Model of Human Hepatocellular Carcinoma. Particle and Particle Systems Characterization, 2017, 34, 1600113.	2.3	13
54	A Series of [2+2] Schiff Base Macrocyclic Dinuclear ZnIIComplexes with Rigid 1,2-Diamine and Flexible 1,8-Diamine Components. European Journal of Inorganic Chemistry, 2017, 2017, 540-546.	2.0	3

#	Article	IF	Citations
55	Controlled release of recombinant human cementum protein 1 from electrospun multiphasic scaffold for cementum regeneration. International Journal of Nanomedicine, 2016, Volume 11, 3145-3158.	6.7	34
56	Daunorubicin and gambogic acid coloaded cysteamine-CdTe quantum dots minimizing the multidrug resistance of lymphoma in vitro and in vivo. International Journal of Nanomedicine, 2016, Volume 11, 5429-5442.	6.7	19
57	Paclitaxel‣oaded <i>β</i> )à€€yclodextrinâ€Modified Poly(Acrylic Acid) Nanoparticles through Multivalent Inclusion for Anticancer Therapy. Macromolecular Bioscience, 2016, 16, 341-349.	4.1	15
58	Dendrimerâ€Stabilized Gold Nanostars as a Multifunctional Theranostic Nanoplatform for CT Imaging, Photothermal Therapy, and Gene Silencing of Tumors. Advanced Healthcare Materials, 2016, 5, 3203-3213.	7.6	79
59	Ultra-sensitive diagnosis of orthotopic patient derived hepatocellular carcinoma by Fe@graphene nanoparticles in MRI. RSC Advances, 2016, 6, 113919-113923.	3.6	29
60	Facile preparation of hyaluronic acid-modified Fe <sub>3</sub> O <sub>4</sub> nanocomposites for targeted T <sub>1</sub> /T <sub>2</sub> dual-mode MR imaging of cancer cells. RSC Advances, 2016, 6, 35295-35304.	3.6	21
61	Construction of Chiral $[4 + 4]$ and $[2 + 2]$ Schiff-Base Macrocyclic Zinc(II) Complexes Influenced by Counterions and Pendant Arms. Inorganic Chemistry, 2016, 55, 8260-8262.	4.0	10
62	Small Antimicrobial Agents Based on Acylated Reduced Amide Scaffold. Journal of Medicinal Chemistry, 2016, 59, 7877-7887.	6.4	52
63	The effects of poly(zwitterions)s versus poly(ethylene glycol) surface coatings on the biodistribution of protein nanoparticles. Biomaterials Science, 2016, 4, 1351-1360.	5.4	30
64	Anti-Fas Antibody Conjugated Nanoparticles Enhancing the Antitumor Effect of Camptothecin by Activating the Fas–FasL Apoptotic Pathway. ACS Applied Materials & 1, 1, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2,	8.0	15
65	Multifunctional Fe3O4 @ Au core/shell nanostars: a unique platform for multimode imaging and photothermal therapy of tumors. Scientific Reports, 2016, 6, 28325.	3.3	105
66	Preparation of <scp>ALA</scp> â€loaded <scp>PLGA</scp> nanoparticles and its application in <scp>PDT</scp> treatment. Journal of Chemical Technology and Biotechnology, 2016, 91, 1128-1135.	3.2	6
67	Folic acid-targeted iron oxide nanoparticles as contrast agents for magnetic resonance imaging of human ovarian cancer. Journal of Ovarian Research, 2016, 9, 19.	3.0	52
68	Synthesis of diatrizoic acid-modified LAPONITE® nanodisks for CT imaging applications. RSC Advances, 2016, 6, 57490-57496.	3.6	8
69	Facile Synthesis of Folic Acid-Modified Iron Oxide Nanoparticles for Targeted MR Imaging in Pulmonary Tumor Xenografts. Molecular Imaging and Biology, 2016, 18, 569-578.	2.6	25
70	Preservation of Supported Lipid Membrane Integrity from Thermal Disruption: Osmotic Effect. ACS Applied Materials & Disrup	8.0	7
71	Two Types of Anion-Induced Reconstruction of Schiff-Base Macrocyclic Zinc Complexes: Ring-Contraction and Self-Assembly of a Molecular Box. Inorganic Chemistry, 2016, 55, 16-21.	4.0	14
72	LAPONITE®-stabilized iron oxide nanoparticles for in vivo MR imaging of tumors. Biomaterials Science, 2016, 4, 474-482.	5.4	41

#	Article	IF	CITATIONS
73	X-ray CT detection and photo ablation of metastatic positive lymph node with HER-2 targeting W 18 O 49 platform. Journal of Controlled Release, 2015, 213, e139.	9.9	0
74	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. Biomaterials, 2015, 51, 194-207.	11.4	93
75	Doxorubicin loaded chitosan–ZnO hybrid nanospheres combining cell imaging and cancer therapy. RSC Advances, 2015, 5, 60549-60551.	3.6	8
76	Facile synthesis of RGD peptide-modified iron oxide nanoparticles with ultrahigh relaxivity for targeted MR imaging of tumors. Biomaterials Science, 2015, 3, 721-732.	5.4	61
77	Fabrication and Characterization of Gd-DTPA-Loaded Chitosan-Poly(Acrylic Acid) Nanoparticles for Magnetic Resonance Imaging. Macromolecular Bioscience, 2015, 15, 1105-1114.	4.1	14
78	Construction of Identical [2 + 2] Schiff-Base Macrocyclic Ligands by Ln <sup>III</sup> and Zn <sup>III</sup> Template lons Including Efficient Yb <sup>III</sup> Near-Infrared Sensitizers. Inorganic Chemistry, 2015, 54, 5295-5300.	4.0	14
79	Facile synthesis of hyaluronic acid-modified Fe <sub>3</sub> O <sub>4</sub> /Au composite nanoparticles for targeted dual mode MR/CT imaging of tumors. Journal of Materials Chemistry B, 2015, 3, 9098-9108.	5.8	49
80	Enzyme sensitive, surface engineered nanoparticles for enhanced delivery of camptothecin. Journal of Controlled Release, 2015, 216, 111-120.	9.9	47
81	Hyaluronic acid-modified Fe3O4@Au core/shell nanostars for multimodal imaging and photothermal therapy of tumors. Biomaterials, 2015, 38, 10-21.	11.4	362
82	Hyaluronic Acid-Modified Magnetic Iron Oxide Nanoparticles for MR Imaging of Surgically Induced Endometriosis Model in Rats. PLoS ONE, 2014, 9, e94718.	2.5	39
83	Fabrication of Au@Ag core–shell NPs as enhanced CT contrast agents with broad antibacterial properties. Colloids and Surfaces B: Biointerfaces, 2014, 117, 29-35.	5.0	35
84	X-ray CT guided fault-free photothermal ablation of metastatic lymph nodes with ultrafine HER-2 targeting W18O49 nanoparticles. Biomaterials, 2014, 35, 9155-9166.	11.4	51
85	Multicomponent Polymeric Nanoparticles Enhancing Intracellular Drug Release in Cancer Cells. ACS Applied Materials & Samp; Interfaces, 2014, 6, 21316-21324.	8.0	13
86	Spatiotemporally Programmable Surface Engineered Nanoparticles for Effective Anticancer Drug Delivery. Macromolecular Bioscience, 2014, 14, 1652-1662.	4.1	6
87	X-ray CT and pneumonia inhibition properties of gold–silver nanoparticles for targeting MRSA induced pneumonia. Biomaterials, 2014, 35, 7032-7041.	11.4	38
88	Silver nanoshells as tri-mode bactericidal agents integrating long term antibacterial, photohyperthermia and triggered Ag+ release capabilities. RSC Advances, 2013, 3, 10632.	3.6	13
89	Facile synthesis of polymer core@silver shell hybrid nanoparticles with super surface enhanced Raman scattering capability. Journal of Colloid and Interface Science, 2013, 393, 119-125.	9.4	7
90	Organic Dots with Aggregation-Induced Emission (AIE Dots) Characteristics for Dual-Color Cell Tracing. Chemistry of Materials, 2013, 25, 4181-4187.	6.7	115

#	Article	IF	Citations
91	Imaging: Conjugated Polymer Amplified Farâ€Red/Nearâ€Infrared Fluorescence from Nanoparticles with Aggregationâ€Induced Emission Characteristics for Targeted In Vivo Imaging (Adv. Healthcare Mater.) Tj ETQq1	1 07784314	· r <b>g</b> BT /Over
92	Fluorescence Imaging: Bright Far-Red/Near-Infrared Conjugated Polymer Nanoparticles for In Vivo Bioimaging (Small 18/2013). Small, 2013, 9, 3092-3092.	10.0	5
93	Synthesis of β-cyclodextrin modified chitosan–poly(acrylic acid) nanoparticles and use as drug carriers. Carbohydrate Polymers, 2012, 90, 361-369.	10.2	24
94	Conjugated Polymer Based Nanoparticles as Dualâ€Modal Probes for Targeted In Vivo Fluorescence and Magnetic Resonance Imaging. Advanced Functional Materials, 2012, 22, 3107-3115.	14.9	157
95	Biocompatible Nanoparticles with Aggregationâ€Induced Emission Characteristics as Farâ€Red/Nearâ€Infrared Fluorescent Bioprobes for In Vitro and In Vivo Imaging Applications. Advanced Functional Materials, 2012, 22, 771-779.	14.9	599
96	Hollow chitosan–silica nanospheres for doxorubicin delivery to cancer cells with enhanced antitumor effect in vivo. Journal of Materials Chemistry, 2011, 21, 3147.	6.7	26
97	Polymer-assisted nanoparticulate contrast-enhancing materials. Science China Chemistry, 2010, 53, 479-486.	8.2	3
98	Degradation and Degradation-Induced Re-Assembly of PVP-PCL Micelles. Biomacromolecules, 2010, 11, 481-488.	5.4	55
99	Increased Enzymatic O-GlcNAcylation of Mitochondrial Proteins Impairs Mitochondrial Function in Cardiac Myocytes Exposed to High Glucose. Journal of Biological Chemistry, 2009, 284, 547-555.	3.4	201
100	Gold Encapsulated Chitosanâ€Poly(acrylic acid) Hybrid Hollow Nanospheres. Macromolecular Bioscience, 2009, 9, 1272-1280.	4.1	3
101	In-situ polymerized nanosilica/acrylic/epoxy hybrid coating: Preparation, microstructure and properties. Science in China Series D: Earth Sciences, 2009, 52, 2204-2209.	0.9	4
102	Preparation of porous chitosan-poly(acrylic acid)-calcium phosphate hybrid nanoparticles via mineralization. Science Bulletin, 2009, 54, 3127-3136.	1.7	2
103	Synthesis of Hydroxypropylcellulose-poly(acrylic acid) Particles with Semi-Interpenetrating Polymer Network Structure. Biomacromolecules, 2008, 9, 2609-2614.	5.4	77
104	Hollow Chitosan/Poly(acrylic acid) Nanospheres as Drug Carriers. Biomacromolecules, 2007, 8, 1069-1076.	5.4	122
105	Reversible Surface Switching of Nanogel Triggered by External Stimuli. Angewandte Chemie, 2007, 119, 7234-7237.	2.0	7
106	Effect of PEG conformation and particle size on the cellular uptake efficiency of nanoparticles with the HepG2 cells. Journal of Controlled Release, 2007, 118, 7-17.	9.9	304
107	Physical Stability and Lyophilization of Poly(ε-caprolactone) Micelles. Journal of Nanoscience and Nanotechnology, 2006, 6, 3032-3039.	0.9	12
108	Camptothecin derivative-loaded poly(caprolactone-co-lactide)-b-PEG-b-poly(caprolactone-co-lactide) nanoparticles and their biodistribution in mice. Journal of Controlled Release, 2004, 96, 135-148.	9.9	170

## Yong Hu

#	Article	IF	CITATIONS
109	Polymer-Monomer Pairs as a Reaction System for the Synthesis of Magnetic Fe3O4-Polymer Hybrid Hollow Nanospheres. Angewandte Chemie - International Edition, 2004, 43, 6369-6372.	13.8	95
110	Degradation Behavior of Poly( $\hat{l}\mu$ -caprolactone)-b-poly(ethylene glycol)-b-poly( $\hat{l}\mu$ -caprolactone) Micelles in Aqueous Solution. Biomacromolecules, 2004, 5, 1756-1762.	5.4	125
111	Preparation and drug release behaviors of nimodipine-loaded poly(caprolactone)–poly(ethylene) Tj ETQq1 1 0.	7843]4 rş	gBT /Overlock 250
112	Synthesis and characterization of chitosan–poly(acrylic acid) nanoparticles. Biomaterials, 2002, 23, 3193-3201.	11.4	464
113	Preparation, characterization, and drug release behaviors of drug-loaded ?-caprolactone/L-lactide copolymer nanoparticles. Journal of Applied Polymer Science, 2000, 75, 874-882.	2.6	70
114	Doxorubicin-loaded poly(butylcyanoacrylate) nanoparticles produced by emulsifier-free emulsion polymerization. Journal of Applied Polymer Science, 2000, 78, 517-526.	2.6	37