

Jianhua Liu

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

79
papers

5,932
citations

36
h-index

77
g-index

87
ext. papers

6,919
ext. citations

9.1
avg. IF

5.8
L-index

#	Paper	IF	Citations
79	Bimetallic nanozyme with cascade effect for synergistic therapy of cancer.. <i>ChemMedChem</i> , 2022 ,	3.7	2
78	Reactive oxygen species-based nanomaterials for the treatment of myocardial ischemia reperfusion injuries. <i>Bioactive Materials</i> , 2022 , 7, 47-72	16.7	33
77	A nanotheranostic agent based on Nd-doped YVO with blood-brain-barrier permeability for NIR-II fluorescence imaging/magnetic resonance imaging and boosted sonodynamic therapy of orthotopic glioma.. <i>Light: Science and Applications</i> , 2022 , 11, 116	16.7	4
76	Mitochondria-Targeting Enhanced Phototherapy by Intrinsic Characteristics Engineered "One-for-All" Nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 35568-35578	9.5	2
75	A versatile Pt-Ce6 nanoplatform as catalase nanozyme and NIR-II photothermal agent for enhanced PDT/PTT tumor therapy. <i>Science China Materials</i> , 2021 , 64, 510-530	7.1	19
74	Carambola-like BiTe superstructures with enhanced photoabsorption for highly efficient photothermal therapy in the second near-infrared biowindow. <i>Journal of Materials Chemistry B</i> , 2021 , 9, 7271-7277	7.3	5
73	Novel multifunctional theranostic nanoagents based on Ho ³⁺ for CT/MRI dual-modality imaging-guided photothermal therapy. <i>Science China Chemistry</i> , 2021 , 64, 558-564	7.9	5
72	Rapidly clearable MnCoO@PAA as novel nanotheranostic agents for T/T bimodal MRI imaging-guided photothermal therapy. <i>Nanoscale</i> , 2021 , 13, 16251-16257	7.7	1
71	Cu MoS /Au Heterostructures with Enhanced Catalase-Like Activity and Photoconversion Efficiency for Primary/Metastatic Tumors Eradication by Phototherapy-Induced Immunotherapy. <i>Small</i> , 2020 , 16, e1907146	11	57
70	Tumor microenvironment-responsive polydopamine-based core/shell nanoplatform for synergetic theranostics. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 4056-4066	7.3	13
69	Polypyrrole-based double rare earth hybrid nanoparticles for multimodal imaging and photothermal therapy. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 426-437	7.3	8
68	Improved Stability and Photothermal Performance of Polydopamine-Modified Fe O Nanocomposites for Highly Efficient Magnetic Resonance Imaging-Guided Photothermal Therapy. <i>Small</i> , 2020 , 16, e2003969	11	33
67	Highly Sensitive Polydiacetylene Ensembles for Biosensing and Bioimaging. <i>Frontiers in Chemistry</i> , 2020 , 8, 565782	5	11
66	Dysprosium-Modified Gold Nanoparticles as T2ex Contrast Agents for Magnetic Resonance Imaging. <i>ACS Applied Nano Materials</i> , 2020 , 3, 9433-9439	5.6	5
65	Boosting Chemodynamic Therapy by the Synergistic Effect of Co-Catalyze and Photothermal Effect Triggered by the Second Near-Infrared Light. <i>Nano-Micro Letters</i> , 2020 , 12, 180	19.5	24
64	Reduction-responsive polypeptide nanomedicines significantly inhibit progression of orthotopic osteosarcoma. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020 , 23, 102085	6	10
63	Manufacturing and characterization of ZnO and ZnO-doped frit crystal by physical and optical methods. <i>International Journal of Modern Physics B</i> , 2019 , 33, 1950233	1.1	1

62	Fe-doped copper sulfide nanoparticles for in vivo magnetic resonance imaging and simultaneous photothermal therapy. <i>Nanotechnology</i> , 2019 , 30, 415101	3.4	7
61	A C N Nanoparticle Based Direct Nucleus Delivery Platform for Synergistic Cancer Therapy. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 6290-6294	16.4	43
60	A C5N2 Nanoparticle Based Direct Nucleus Delivery Platform for Synergistic Cancer Therapy. <i>Angewandte Chemie</i> , 2019 , 131, 6356-6360	3.6	7
59	Polydopamine-coated NaGdF4:Dy for T1/T2-weighted MRI/CT multimodal imaging-guided photothermal therapy. <i>New Journal of Chemistry</i> , 2019 , 43, 7371-7378	3.6	6
58	Double Switch Biodegradable Porous Hollow Trinickel Monophosphide Nanospheres for Multimodal Imaging Guided Photothermal Therapy. <i>Nano Letters</i> , 2019 , 19, 5093-5101	11.5	41
57	Copper(I) Phosphide Nanocrystals for In Situ Self-Generation Magnetic Resonance Imaging-Guided Photothermal-Enhanced Chemodynamic Synergetic Therapy Resisting Deep-Seated Tumor. <i>Advanced Functional Materials</i> , 2019 , 29, 1904678	15.6	107
56	Polymer Nanoplatfoms at Work in Prostate Cancer Therapy. <i>Advanced Therapeutics</i> , 2019 , 2, 1800122	4.9	10
55	Recent advancement of imidazolate framework (ZIF-8) based nanoformulations for synergistic tumor therapy. <i>Nanoscale</i> , 2019 , 11, 21030-21045	7.7	42
54	One-Dimensional Fe2P Acts as a Fenton Agent in Response to NIR II Light and Ultrasound for Deep Tumor Synergetic Theranostics. <i>Angewandte Chemie</i> , 2019 , 131, 2429-2434	3.6	26
53	One-Dimensional Fe P Acts as a Fenton Agent in Response to NIR II Light and Ultrasound for Deep Tumor Synergetic Theranostics. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 2407-2412	16.4	222
52	A New Co-P Nanocomposite with Ultrahigh Relaxivity for In Vivo Magnetic Resonance Imaging-Guided Tumor Eradication by Chemo/Photothermal Synergistic Therapy. <i>Small</i> , 2018 , 14, 1702431	11	27
51	All-in-One Theranostic Nanoagent with Enhanced Reactive Oxygen Species Generation and Modulating Tumor Microenvironment Ability for Effective Tumor Eradication. <i>ACS Nano</i> , 2018 , 12, 4886-4893	16.7	355
50	Metal-Phenolic Encapsulated Mesoporous Silica Nanoparticles for pH-Responsive Drug Delivery and Magnetic Resonance Imaging. <i>Zeitschrift Fur Physikalische Chemie</i> , 2018 , 232, 1733-1740	3.1	7
49	Facile Preparation of Double Rare Earth-Doped Carbon Dots for MRI/CT/FI Multimodal Imaging. <i>ACS Applied Nano Materials</i> , 2018 , 1, 2544-2551	5.6	22
48	Enhanced Cisplatin Chemotherapy by Iron Oxide Nanocarrier-Mediated Generation of Highly Toxic Reactive Oxygen Species. <i>Nano Letters</i> , 2017 , 17, 928-937	11.5	416
47	Sub-10 nm SrLuF:Yb/Er@SrGdF@SrF Up-Conversion Nanocrystals for Up-Conversion Luminescence-Magnetic Resonance-Computed Tomography Trimodal Bioimaging. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 5748-5756	9.5	23
46	Positively charged graphene/Fe3O4/polyethylenimine with enhanced drug loading and cellular uptake for magnetic resonance imaging and magnet-responsive cancer therapy. <i>Nano Research</i> , 2017 , 10, 2280-2295	10	29
45	NIR-to-NIR UCL/T1-weighted MR/CT multimodal imaging by NaYbF4:Tm@NaGdF4:Yb-PVP upconversion nanoparticles. <i>Science Bulletin</i> , 2017 , 62, 903-912	10.6	16

44	Untrasmall Bi2S3 nanodots for in vivo X-ray CT imaging-guided photothermal therapy of cancer. <i>RSC Advances</i> , 2017 , 7, 29672-29678	3.7	13
43	Multifunctional core/satellite polydopamine@Nd ³⁺ -sensitized upconversion nanocomposite: A single 808 nm near-infrared light-triggered theranostic platform for in vivo imaging-guided photothermal therapy. <i>Nano Research</i> , 2017 , 10, 3434-3446	10	52
42	CO-based amphiphilic polycarbonate micelles enable a reliable and efficient platform for tumor imaging. <i>Theranostics</i> , 2017 , 7, 4689-4698	12.1	16
41	Tantalum Sulfide Nanosheets as a Theranostic Nanoplatfor for Computed Tomography Imaging-Guided Combinatorial Chemo-Photothermal Therapy. <i>Advanced Functional Materials</i> , 2017 , 27, 1703261	15.6	69
40	Synergistic Tailoring of Electrostatic and Hydrophobic Interactions for Rapid and Specific Recognition of Lysophosphatidic Acid, an Early-Stage Ovarian Cancer Biomarker. <i>Journal of the American Chemical Society</i> , 2017 , 139, 11616-11621	16.4	46
39	MnO-Functionalized Co-P Nanocomposite: A New Theranostic Agent for pH-Triggered T/T Dual-Modality Magnetic Resonance Imaging-Guided Chemo-photothermal Synergistic Therapy. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 41648-41658	9.5	40
38	Ultra-small and size tunable PVP-NaGdF ₄ :Dy nanoparticles with high biocompatibility for multimodal tumor imaging. <i>RSC Advances</i> , 2016 , 6, 106355-106363	3.7	7
37	Core-shell BaYbF ₅ :Tm@BaGdF ₅ :Yb,Tm nanocrystals for in vivo trimodal UCL/CT/MR imaging. <i>RSC Advances</i> , 2016 , 6, 14283-14289	3.7	16
36	Polydopamine-based coordination nanocomplex for T1/T2 dual mode magnetic resonance imaging-guided chemo-photothermal synergistic therapy. <i>Biomaterials</i> , 2016 , 77, 198-206	15.6	150
35	Polydopamine coated manganese oxide nanoparticles with ultrahigh relaxivity as nanotheranostic agents for magnetic resonance imaging guided synergetic chemo-/photothermal therapy. <i>Chemical Science</i> , 2016 , 7, 6695-6700	9.4	95
34	Non-toxic lead sulfide nanodots as efficient contrast agents for visualizing gastrointestinal tract. <i>Biomaterials</i> , 2016 , 100, 17-26	15.6	26
33	An efficient nano-based theranostic system for multi-modal imaging-guided photothermal sterilization in gastrointestinal tract. <i>Biomaterials</i> , 2015 , 56, 206-18	15.6	92
32	Multifunctional envelope-type mesoporous silica nanoparticles for pH-responsive drug delivery and magnetic resonance imaging. <i>Biomaterials</i> , 2015 , 60, 111-20	15.6	152
31	An ultrasmall and metabolizable PEGylated NaGdF ₄ :Dy nanoprobe for high-performance T(1)/T(2)-weighted MR and CT multimodal imaging. <i>Nanoscale</i> , 2015 , 7, 15680-8	7.7	50
30	ZnO-Functionalized Upconverting Nanotheranostic Agent: Multi-Modality Imaging-Guided Chemotherapy with On-Demand Drug Release Triggered by pH. <i>Angewandte Chemie</i> , 2015 , 127, 546-550 ^{3.6}	3.6	37
29	ZnO-functionalized upconverting nanotheranostic agent: multi-modality imaging-guided chemotherapy with on-demand drug release triggered by pH. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 536-40	16.4	60
28	Water-Soluble, Monodisperse, Lanthanide-Doped Y(Gd)VO ₄ Nanocrystals as Promising Multimodal Bioprobe. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 3108-3115	2.3	14
27	Morphological study of the posterior osseous structures of subaxial cervical spine in a population from northeastern China. <i>Journal of Orthopaedic Surgery and Research</i> , 2015 , 10, 53	2.8	8

26	Multifunctional hollow CaF ₂ :Yb(3+)/Er(3+)/Mn(2+)-poly(2-Aminoethyl methacrylate) microspheres for Pt(IV) pro-drug delivery and tri-modal imaging. <i>Biomaterials</i> , 2015 , 50, 154-63	15.6	53
25	Ultra-small BaGdF ₅ -based upconversion nanoparticles as drug carriers and multimodal imaging probes. <i>Biomaterials</i> , 2014 , 35, 2011-23	15.6	143
24	Biocompatible and high-performance amino acids-capped MnWO ₄ nanocasting as a novel non-lanthanide contrast agent for X-ray computed tomography and T(1)-weighted magnetic resonance imaging. <i>Nanoscale</i> , 2014 , 6, 2211-7	7.7	36
23	In vivo near-infrared photothermal therapy and computed tomography imaging of cancer cells using novel tungsten-based theranostic probe. <i>Nanoscale</i> , 2014 , 6, 5770-6	7.7	65
22	Ultrasmall biomolecule-anchored hybrid GdVO ₄ nanophosphors as a metabolizable multimodal bioimaging contrast agent. <i>Nanoscale</i> , 2014 , 6, 12042-9	7.7	44
21	Efficient gene delivery and multimodal imaging by lanthanide-based upconversion nanoparticles. <i>Langmuir</i> , 2014 , 30, 13042-51	4	42
20	Anti-biofouling polymer-decorated lutetium-based nanoparticulate contrast agents for in vivo high-resolution trimodal imaging. <i>Small</i> , 2014 , 10, 2429-38	11	49
19	Recent advances in ytterbium-based contrast agents for in vivo X-ray computed tomography imaging: promises and prospects. <i>Contrast Media and Molecular Imaging</i> , 2014 , 9, 26-36	3.2	34
18	Dopamine-melanin colloidal nanospheres: an efficient near-infrared photothermal therapeutic agent for in vivo cancer therapy. <i>Advanced Materials</i> , 2013 , 25, 1353-9	24	1337
17	In vivo multimodality imaging and cancer therapy by near-infrared light-triggered trans-platinum pro-drug-conjugated upconversion nanoparticles. <i>Journal of the American Chemical Society</i> , 2013 , 135, 18920-9	16.4	466
16	One-pot synthesis of water-stable gadolinium-doped Yb(OH)CO ₃ nanoprobcs for in vivo dual MR and CT imaging. <i>New Journal of Chemistry</i> , 2013 , 37, 3024	3.6	5
15	Direct visualization of gastrointestinal tract with lanthanide-doped BaYbF ₅ upconversion nanoprobcs. <i>Biomaterials</i> , 2013 , 34, 7444-52	15.6	56
14	PEGylated hybrid ytterbia nanoparticles as high-performance diagnostic probes for in vivo magnetic resonance and X-ray computed tomography imaging with low systemic toxicity. <i>Nanoscale</i> , 2013 , 5, 4252-61	7.7	39
13	Aqueous phase synthesis of upconversion nanocrystals through layer-by-layer epitaxial growth for in vivo X-ray computed tomography. <i>Nanoscale</i> , 2013 , 5, 6950-9	7.7	67
12	Multiple thoracic aortic aneurysms and dysphagia aortica. <i>European Heart Journal Cardiovascular Imaging</i> , 2013 , 14, 1026	4.1	3
11	Primary pericardial mesothelioma: a rare entity. <i>Case Reports in Oncological Medicine</i> , 2013 , 2013, 28360-9	0.9	18
10	Large-scale and facile synthesis of biocompatible Yb-based nanoparticles as a contrast agent for in vivo X-ray computed tomography imaging. <i>Current Topics in Medicinal Chemistry</i> , 2013 , 13, 513-8	3	5
9	Long-circulating Er ³⁺ -doped Yb ₂ O ₃ up-conversion nanoparticle as an in vivo X-Ray CT imaging contrast agent. <i>Biomaterials</i> , 2012 , 33, 6748-57	15.6	149

8	A high-performance ytterbium-based nanoparticulate contrast agent for in vivo X-ray computed tomography imaging. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 1437-42	16.4	288
7	Facile and large-scale synthesis of Gd(OH) ₃ nanorods for MR imaging with low toxicity. <i>New Journal of Chemistry</i> , 2012 , 36, 1335	3.6	21
6	Hybrid BaYbF ₅ nanoparticles: novel binary contrast agent for high-resolution in vivo X-ray computed tomography angiography. <i>Advanced Healthcare Materials</i> , 2012 , 1, 461-6	10.1	80
5	A High-Performance Ytterbium-Based Nanoparticulate Contrast Agent for In Vivo X-Ray Computed Tomography Imaging. <i>Angewandte Chemie</i> , 2012 , 124, 1466-1471	3.6	17
4	Dual modal in vivo imaging using upconversion luminescence and enhanced computed tomography properties. <i>Nanoscale</i> , 2011 , 3, 4365-71	7.7	54
3	Syphilitic aortitis complicated by multiple aortic aneurysms: findings of multidetector CT. <i>International Journal of Cardiovascular Imaging</i> , 2011 , 27, 695-9	2.5	7
2	Large-scale synthesis of Bi ₂ S ₃ nanodots as a contrast agent for in vivo X-ray computed tomography imaging. <i>Advanced Materials</i> , 2011 , 23, 4886-91	24	266
1	Novel Fe ₂ /Fe _{1-x} S Nanoreactor-Mediated Mitochondrial Dysfunction via Oxidative Stress and Fluoride Ions Overloaded for Synergistic Chemodynamic Therapy and Photothermal Therapy. <i>Advanced Functional Materials</i> , 2113397	15.6	3