

Yijing Liu

List of Publications by Year in descending order

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Version: 2024-02-01

110
papers

14,227
citations

20797

60
h-index

21521

114
g-index

117
all docs

117
docs citations

117
times ranked

14122
citing authors

#	ARTICLE	IF	CITATIONS
1	Advanced nanocarrier- and microneedle-based transdermal drug delivery strategies for skin diseases treatment. <i>Theranostics</i> , 2022, 12, 3372-3406.	4.6	57
2	Inorganic Nanoparticles Applied as Functional Therapeutics. <i>Advanced Functional Materials</i> , 2021, 31, 2008171.	7.8	51
3	Biphasic synthesis of biodegradable urchin-like mesoporous organosilica nanoparticles for enhanced cellular internalization and precision cascaded therapy. <i>Biomaterials Science</i> , 2021, 9, 2584-2597.	2.6	6
4	Alkynyl silver modified chitosan and its potential applications in food area. <i>Carbohydrate Polymers</i> , 2021, 254, 117416.	5.1	4
5	Editorial: Enzyme-Based Smart Materials. <i>Frontiers in Chemistry</i> , 2021, 9, 815071.	1.8	0
6	Cascade Reactions Catalyzed by Planar Metal-Organic Framework Hybrid Architecture for Combined Cancer Therapy. <i>Small</i> , 2020, 16, e2004016.	5.2	64
7	A pH-responsive Pickering Nanoemulsion for specified spatial delivery of Immune Checkpoint Inhibitor and Chemotherapy agent to Tumors. <i>Theranostics</i> , 2020, 10, 9956-9969.	4.6	40
8	Entropy-driven segregation and budding in hybrid vesicles of binary nanoparticle amphiphiles. <i>Giant</i> , 2020, 1, 100010.	2.5	8
9	Early stratification of radiotherapy response by activatable inflammation magnetic resonance imaging. <i>Nature Communications</i> , 2020, 11, 3032.	5.8	62
10	In Vivo Imaging: Multiplexed NIR Probes for Lymph Node-Invaded Cancer Detection and Imaging-Guided Surgery (<i>Adv. Mater.</i> 11/2020). <i>Advanced Materials</i> , 2020, 32, 2070086.	11.1	6
11	Solvent-Assisted Self-Assembly of a Metal-Organic Framework Based Biocatalyst for Cascade Reaction Driven Photodynamic Therapy. <i>Journal of the American Chemical Society</i> , 2020, 142, 6822-6832.	6.6	201
12	Surface engineering of magnetic iron oxide nanoparticles by polymer grafting: synthesis progress and biomedical applications. <i>Nanoscale</i> , 2020, 12, 14957-14975.	2.8	39
13	Small-sized gadolinium oxide based nanoparticles for high-efficiency theranostics of orthotopic glioblastoma. <i>Biomaterials</i> , 2020, 235, 119783.	5.7	61
14	Multiplexed NIR Probes for Lymph Node-Invaded Cancer Detection and Imaging-Guided Surgery. <i>Advanced Materials</i> , 2020, 32, e1907365.	11.1	163
15	A bi-adjuvant nanovaccine that potentiates immunogenicity of neoantigen for combination immunotherapy of colorectal cancer. <i>Science Advances</i> , 2020, 6, eaaw6071.	4.7	152
16	Hyaluronidase-Functionalized Silica Nanocarrier for Enhanced Chemo-Immunotherapy through Inducing Immunogenic Cell Death. <i>ACS Applied Bio Materials</i> , 2020, 3, 3378-3389.	2.3	9
17	Organosilica-Based Hollow Mesoporous Bilirubin Nanoparticles for Antioxidation-Activated Self-Protection and Tumor-Specific Deoxygenation-Driven Synergistic Therapy. <i>ACS Nano</i> , 2019, 13, 8903-8916.	7.3	70
18	X-ray-Controlled Bilayer Permeability of Bionic Nanocapsules Stabilized by Nucleobase Pairing Interactions for Pulsatile Drug Delivery. <i>Advanced Materials</i> , 2019, 31, e1903443.	11.1	51

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19	Tumor Microenvironment-Activated Ultrasensitive Nanoprobes for Specific Detection of Intratumoral Glutathione by Ratiometric Photoacoustic Imaging. ACS Applied Materials & Interfaces, 2019, 11, 27558-27567.	4.0	46
20	In situ polymerization on nanoscale metal-organic frameworks for enhanced physiological stability and stimulus-responsive intracellular drug delivery. Biomaterials, 2019, 218, 119365.	5.7	80
21	Cooperation of endogenous and exogenous reactive oxygen species induced by zinc peroxide nanoparticles to enhance oxidative stress-based cancer therapy. Theranostics, 2019, 9, 7200-7209.	4.6	96
22	Exceedingly Small Gadolinium Oxide Nanoparticles with Remarkable Relaxivities for Magnetic Resonance Imaging of Tumors. Small, 2019, 15, e1903422.	5.2	40
23	Enzyme-induced in vivo assembly of gold nanoparticles for imaging-guided synergistic chemo-photothermal therapy of tumor. Biomaterials, 2019, 223, 119460.	5.7	90
24	Tumour microenvironment-responsive semiconducting polymer-based self-assembling nanotheranostics. Nanoscale Horizons, 2019, 4, 426-433.	4.1	75
25	Synthesis of Copper Peroxide Nanodots for H ₂ O ₂ Self-Supplying Chemodynamic Therapy. Journal of the American Chemical Society, 2019, 141, 9937-9945.	6.6	759
26	Core-shell metal-organic frameworks with fluorescence switch to trigger an enhanced photodynamic therapy. Theranostics, 2019, 9, 2791-2799.	4.6	53
27	A Catalase-Like Metal-Organic Framework Nanohybrid for O ₂ -Evolving Synergistic Chemoradiotherapy. Angewandte Chemie, 2019, 131, 8844-8848.	1.6	33
28	A Catalase-Like Metal-Organic Framework Nanohybrid for O ₂ -Evolving Synergistic Chemoradiotherapy. Angewandte Chemie - International Edition, 2019, 58, 8752-8756.	7.2	154
29	Generic synthesis of small-sized hollow mesoporous organosilica nanoparticles for oxygen-independent X-ray-activated synergistic therapy. Nature Communications, 2019, 10, 1241.	5.8	112
30	<i>In Situ</i> Dendritic Cell Vaccine for Effective Cancer Immunotherapy. ACS Nano, 2019, 13, 3083-3094.	7.3	164
31	Gadolinium Metallofullerene-Based Activatable Contrast Agent for Tumor Signal Amplification and Monitoring of Drug Release. Small, 2019, 15, 1900691.	5.2	34
32	Wet/Sono-Chemical Synthesis of Enzymatic Two-Dimensional MnO ₂ Nanosheets for Synergistic Catalysis-Enhanced Phototheranostics. Advanced Materials, 2019, 31, e1900401.	11.1	139
33	Efficient screening of spherical nucleic acids. Nature Biomedical Engineering, 2019, 3, 257-258.	11.6	9
34	Biodegradable hollow manganese/cobalt oxide nanoparticles for tumor theranostics. Nanoscale, 2019, 11, 23021-23026.	2.8	35
35	A shape-shifting composite hydrogel sheet with spatially patterned plasmonic nanoparticles. Journal of Materials Chemistry B, 2019, 7, 1679-1683.	2.9	13
36	Hybrid Nanomedicine Fabricated from Photosensitizer-Terminated Metal-Organic Framework Nanoparticles for Photodynamic Therapy and Hypoxia-Activated Cascade Chemotherapy. Small, 2019, 15, e1804131.	5.2	105

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37	Tumor-Specific Drug Release and Reactive Oxygen Species Generation for Cancer Chemo/Chemodynamic Combination Therapy. <i>Advanced Science</i> , 2019, 6, 1801986.	5.6	221
38	Stimuli-Responsive Nanotheranostics for Real-Time Monitoring Drug Release by Photoacoustic Imaging. <i>Theranostics</i> , 2019, 9, 526-536.	4.6	98
39	Photothermal therapy and photoacoustic imaging <i>via</i> nanotheranostics in fighting cancer. <i>Chemical Society Reviews</i> , 2019, 48, 2053-2108.	18.7	2,033
40	Polyrotaxane-based supramolecular theranostics. <i>Nature Communications</i> , 2018, 9, 766.	5.8	191
41	A supramolecular hybrid material constructed from graphene oxide and a pillar[6]arene-based host-guest complex as an ultrasound and photoacoustic signal nanoamplifier. <i>Materials Horizons</i> , 2018, 5, 429-435.	6.4	59
42	Simultaneous Fenton-Like Ion Delivery and Glutathione Depletion by MnO ₂ -Based Nanoagent to Enhance Chemodynamic Therapy. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 4902-4906.	7.2	1,068
43	Simultaneous Fenton-Like Ion Delivery and Glutathione Depletion by MnO ₂ -Based Nanoagent to Enhance Chemodynamic Therapy. <i>Angewandte Chemie</i> , 2018, 130, 4996-5000.	1.6	195
44	Biodegradable Hollow Mesoporous Organosilica Nanotheranostics for Mild Hyperthermia-Induced Bubble-Enhanced Oxygen-Sensitized Radiotherapy. <i>ACS Nano</i> , 2018, 12, 1580-1591.	7.3	172
45	Cooperative Assembly of Magneto-Nanovesicles with Tunable Wall Thickness and Permeability for MRI-Guided Drug Delivery. <i>Journal of the American Chemical Society</i> , 2018, 140, 4666-4677.	6.6	138
46	Acidity/Reducibility Dual-Responsive Hollow Mesoporous Organosilica Nanoplatfoms for Tumor-Specific Self-Assembly and Synergistic Therapy. <i>ACS Nano</i> , 2018, 12, 12269-12283.	7.3	86
47	A discrete organoplatinum(II) metallacage as a multimodality theranostic platform for cancer photochemotherapy. <i>Nature Communications</i> , 2018, 9, 4335.	5.8	197
48	Fenton-Reaction-Acceleratable Magnetic Nanoparticles for Ferroptosis Therapy of Orthotopic Brain Tumors. <i>ACS Nano</i> , 2018, 12, 11355-11365.	7.3	449
49	Near-Infrared Semiconducting Polymer Brush and pH/GSH-Responsive Polyoxometalate Cluster Hybrid Platform for Enhanced Tumor-Specific Phototheranostics. <i>Angewandte Chemie</i> , 2018, 130, 14297-14301.	1.6	29
50	Near-Infrared Semiconducting Polymer Brush and pH/GSH-Responsive Polyoxometalate Cluster Hybrid Platform for Enhanced Tumor-Specific Phototheranostics. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 14101-14105.	7.2	138
51	Synchronous Chemoradiation Nanovesicles by X-Ray Triggered Cascade of Drug Release. <i>Angewandte Chemie</i> , 2018, 130, 8599-8603.	1.6	4
52	Dotted Core-Shell Nanoparticles for T ₁ -Weighted MRI of Tumors. <i>Advanced Materials</i> , 2018, 30, e1803163.	11.1	96
53	Gadolinium Metallofullerene-Polypyrrole Nanoparticles for Activatable Dual-Modal Imaging-Guided Photothermal Therapy. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 28382-28389.	4.0	32
54	Three-in-one Nanohybrids as Synergistic Nanoquenchers to Enhance No-Wash Fluorescence Biosensors for Ratiometric Detection of Cancer Biomarkers. <i>Theranostics</i> , 2018, 8, 3461-3473.	4.6	72

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55	Glutathione-Responsive Self-Assembled Magnetic Gold Nanowreath for Enhanced Tumor Imaging and Imaging-Guided Photothermal Therapy. <i>ACS Nano</i> , 2018, 12, 8129-8137.	7.3	131
56	Synchronous Chemoradiation Nanovesicles by X-Ray Triggered Cascade of Drug Release. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 8463-8467.	7.2	59
57	Supramolecular Polymer-Based Nanomedicine: High Therapeutic Performance and Negligible Long-Term Immunotoxicity. <i>Journal of the American Chemical Society</i> , 2018, 140, 8005-8019.	6.6	227
58	Controllable self-assembled plasmonic vesicle-based three-dimensional SERS platform for picomolar detection of hydrophobic contaminants. <i>Nanoscale</i> , 2018, 10, 13202-13211.	2.8	25
59	Glucose-Responsive Sequential Generation of Hydrogen Peroxide and Nitric Oxide for Synergistic Cancer Starving-Like/Gas Therapy (<i>Angew. Chem.</i> 5/2017). <i>Angewandte Chemie</i> , 2017, 129, 1446-1446.	1.6	2
60	An Enzyme-Free Signal Amplification Technique for Ultrasensitive Colorimetric Assay of Disease Biomarkers. <i>ACS Nano</i> , 2017, 11, 2052-2059.	7.3	150
61	Tri-stimuli-responsive biodegradable theranostics for mild hyperthermia enhanced chemotherapy. <i>Biomaterials</i> , 2017, 126, 39-48.	5.7	135
62	Artificial local magnetic field inhomogeneity enhances T2 relaxivity. <i>Nature Communications</i> , 2017, 8, 15468.	5.8	114
63	Nanotechnology-Enhanced No-Wash Biosensors for <i>In Vitro</i> Diagnostics of Cancer. <i>ACS Nano</i> , 2017, 11, 5238-5292.	7.3	208
64	Enhanced Afterglow Performance of Persistent Luminescence Implants for Efficient Repeatable Photodynamic Therapy. <i>ACS Nano</i> , 2017, 11, 5864-5872.	7.3	136
65	Double-Layered Plasmonic-Magnetic Vesicles by Self-Assembly of Janus Amphiphilic Gold-Iron(II,III) Oxide Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 8110-8114.	7.2	107
66	Double-Layered Plasmonic-Magnetic Vesicles by Self-Assembly of Janus Amphiphilic Gold-Iron(II,III) Oxide Nanoparticles. <i>Angewandte Chemie</i> , 2017, 129, 8222-8226.	1.6	25
67	Rational Design of Branched Nanoporous Gold Nanoshells with Enhanced Physico-Optical Properties for Optical Imaging and Cancer Therapy. <i>ACS Nano</i> , 2017, 11, 6102-6113.	7.3	133
68	Yolk-Shell Nanostructure: An Ideal Architecture to Achieve Harmonious Integration of Magnetic-Plasmonic Hybrid Theranostic Platform. <i>Advanced Materials</i> , 2017, 29, 1606681.	11.1	106
69	Reprogrammable ultra-fast shape-transformation of macroporous composite hydrogel sheets. <i>Journal of Materials Chemistry B</i> , 2017, 5, 2883-2887.	2.9	23
70	Glucose-Responsive Sequential Generation of Hydrogen Peroxide and Nitric Oxide for Synergistic Cancer Starving-Like/Gas Therapy. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 1229-1233.	7.2	505
71	Glucose-Responsive Sequential Generation of Hydrogen Peroxide and Nitric Oxide for Synergistic Cancer Starving-Like/Gas Therapy. <i>Angewandte Chemie</i> , 2017, 129, 1249-1253.	1.6	70
72	Antitumor Activity of a Unique Polymer That Incorporates a Fluorescent Self-Assembled Metallacycle. <i>Journal of the American Chemical Society</i> , 2017, 139, 15940-15949.	6.6	203

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73	Suppressing Nanoparticle-Mononuclear Phagocyte System Interactions of Two-Dimensional Gold Nanorings for Improved Tumor Accumulation and Photothermal Ablation of Tumors. ACS Nano, 2017, 11, 10539-10548.	7.3	117
74	Multifunctional Theranostic Nanoparticles Based on Exceedingly Small Magnetic Iron Oxide Nanoparticles for T_1 -Weighted Magnetic Resonance Imaging and Chemotherapy. ACS Nano, 2017, 11, 10992-11004.	7.3	239
75	Silver Nanocluster-Embedded Zein Films as Antimicrobial Coating Materials for Food Packaging. ACS Applied Materials & Interfaces, 2017, 9, 35297-35304.	4.0	80
76	Core-Satellite Polydopamine-Gadolinium-Metallofullerene Nanotheranostics for Multimodal Imaging Guided Combination Cancer Therapy. Advanced Materials, 2017, 29, 1701013.	11.1	185
77	Microneedle-array patches loaded with dual mineralized protein/peptide particles for type 2 diabetes therapy. Nature Communications, 2017, 8, 1777.	5.8	146
78	Intertwining DNA-RNA nanocapsules loaded with tumor neoantigens as synergistic nanovaccines for cancer immunotherapy. Nature Communications, 2017, 8, 1482.	5.8	193
79	Converting Red Blood Cells to Efficient Microreactors for Blood Detoxification. Advanced Materials, 2017, 29, 1603673.	11.1	15
80	Self-Assembly of Semiconducting-Plasmonic Gold Nanoparticles with Enhanced Optical Property for Photoacoustic Imaging and Photothermal Therapy. Theranostics, 2017, 7, 2177-2185.	4.6	79
81	Synthesis, Self-Assembly, and Applications of Amphiphilic Janus and Triblock Janus Nanoparticle Analogs. , 2017, , 233-275.		0
82	Development of Sialic Acid-coated Nanoparticles for Targeting Cancer and Efficient Evasion of the Immune System. Theranostics, 2017, 7, 962-973.	4.6	42
83	Giant soft-memory in liquid crystal nanocomposites. Applied Physics Letters, 2016, 108, .	1.5	20
84	Synthesis of Platinum Nanotubes and Nanorings via Simultaneous Metal Alloying and Etching. Journal of the American Chemical Society, 2016, 138, 6332-6335.	6.6	49
85	A photothermally responsive nanoprobe for bioimaging based on Edman degradation. Nanoscale, 2016, 8, 10553-10557.	2.8	12
86	Magneto-Plasmonic Janus Vesicles for Magnetic Field-Enhanced Photoacoustic and Magnetic Resonance Imaging of Tumors. Angewandte Chemie - International Edition, 2016, 55, 15297-15300.	7.2	102
87	Magneto-Plasmonic Janus Vesicles for Magnetic Field-Enhanced Photoacoustic and Magnetic Resonance Imaging of Tumors. Angewandte Chemie, 2016, 128, 15523-15526.	1.6	12
88	Hierarchical Assembly of Bioactive Amphiphilic Molecule Pairs into Supramolecular Nanofibril Self-Supportive Scaffolds for Stem Cell Differentiation. Journal of the American Chemical Society, 2016, 138, 15027-15034.	6.6	32
89	Collapsed polymer-directed synthesis of multicomponent coaxial-like nanostructures. Nature Communications, 2016, 7, 12147.	5.8	32
90	Synthesis of biocompatible polymeric nanomaterial dually loaded with paclitaxel and nitric oxide for anti-MDR cancer therapy. RSC Advances, 2016, 6, 105871-105877.	1.7	11

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91	Catalytic Propulsion and Magnetic Steering of Soft, Patchy Microcapsules: Ability to Pick-Up and Drop-Off Microscale Cargo. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 15676-15683.	4.0	69
92	Biom mineralization-Inspired Synthesis of Copper Sulfideâ€“Ferritin Nanocages as Cancer Theranostics. <i>ACS Nano</i> , 2016, 10, 3453-3460.	7.3	328
93	DNAâ€“inorganic hybrid nanovaccine for cancer immunotherapy. <i>Nanoscale</i> , 2016, 8, 6684-6692.	2.8	54
94	Formation of hybrid coreâ€“shell microgels induced by autonomous unidirectional migration of nanoparticles. <i>Materials Horizons</i> , 2016, 3, 78-82.	6.4	14
95	Temporal-spatially transformed synthesis and formation mechanism of gold bellflowers. <i>Nanoscale</i> , 2016, 8, 7430-7434.	2.8	9
96	Folding Up of Gold Nanoparticle Strings into Plasmonic Vesicles for Enhanced Photoacoustic Imaging. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 15809-15812.	7.2	161
97	NIRâ€“Responsive Onâ€“Demand Release of CO from Metal Carbonylâ€“Caged Graphene Oxide Nanomedicine. <i>Advanced Materials</i> , 2015, 27, 6741-6746.	11.1	168
98	Continuous Microfluidic Selfâ€“Assembly of Hybrid Janusâ€“Like Vesicular Motors: Autonomous Propulsion and Controlled Release. <i>Small</i> , 2015, 11, 3762-3767.	5.2	80
99	Selfâ€“Assembly of Amphiphilic Block Copolymerâ€“Tethered Nanoparticles: a New Approach to Nanoscale Design of Functional Materials. <i>Macromolecular Rapid Communications</i> , 2015, 36, 711-725.	2.0	44
100	Concurrent self-assembly of amphiphiles into nanoarchitectures with increasing complexity. <i>Nano Today</i> , 2015, 10, 278-300.	6.2	62
101	A novel self-assembled sandwich nanomedicine for NIR-responsive release of NO. <i>Nanoscale</i> , 2015, 7, 20055-20062.	2.8	142
102	Entropy-Driven Pattern Formation of Hybrid Vesicular Assemblies Made from Molecular and Nanoparticle Amphiphiles. <i>Journal of the American Chemical Society</i> , 2014, 136, 2602-2610.	6.6	126
103	Near-infrared light-responsive vesicles of Au nanoflowers. <i>Chemical Communications</i> , 2013, 49, 576-578.	2.2	57
104	Self-Assembly of Amphiphilic Plasmonic Micelle-Like Nanoparticles in Selective Solvents. <i>Journal of the American Chemical Society</i> , 2013, 135, 7974-7984.	6.6	251
105	Asymmetric organic/metal(oxide) hybrid nanoparticles: synthesis and applications. <i>Nanoscale</i> , 2013, 5, 5151.	2.8	50
106	Self-Assembly of Inorganic Nanoparticle Vesicles and Tubules Driven by Tethered Linear Block Copolymers. <i>Journal of the American Chemical Society</i> , 2012, 134, 11342-11345.	6.6	286
107	A General Approach to Synthesize Asymmetric Hybrid Nanoparticles by Interfacial Reactions. <i>Journal of the American Chemical Society</i> , 2012, 134, 3639-3642.	6.6	72
108	Wetâ€“Chemical Synthesis of Amphiphilic Rodlike Silica Particles and their Molecular Mimetic Assembly in Selective Solvents. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 3628-3633.	7.2	45

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109	One-pot facile synthesis of Janus particles with tailored shape and functionality. Chemical Communications, 2011, 47, 12450.	2.2	49
110	Pyridyl-Substituted Corrole Isomers: Synthesis and their Regulation to G-quadruplex Structures. Chemistry - an Asian Journal, 2010, 5, 114-122.	1.7	25