

Zhi-Gang Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5880212/publications.pdf>

Version: 2024-02-01

133
papers

6,311
citations

57631

44
h-index

82410

72
g-index

137
all docs

137
docs citations

137
times ranked

6493
citing authors

#	ARTICLE	IF	CITATIONS
1	A hydrogen peroxide economizer for on-demand oxygen production-assisted robust sonodynamic immunotherapy. <i>Theranostics</i> , 2022, 12, 59-75.	4.6	40
2	pH-Responsive Nanoparticles for Enhanced Antitumor Activity by High-Intensity Focused Ultrasound Therapy Combined with Sonodynamic Therapy. <i>International Journal of Nanomedicine</i> , 2022, Volume 17, 333-350.	3.3	14
3	Near-Infrared II Nanoadjuvant-Mediated Chemodynamic, Photodynamic, and Photothermal Therapy Combines Immunogenic Cell Death with PD-1 Blockade to Enhance Antitumor Immunity. <i>Small</i> , 2022, 18, e2107809.	5.2	31
4	Combating multidrug resistance and metastasis of breast cancer by endoplasmic reticulum stress and cell-nucleus penetration enhanced immunochemotherapy. <i>Theranostics</i> , 2022, 12, 2987-3006.	4.6	23
5	Antithrombotic Therapy by Regulating the ROS-Mediated Thrombosis Microenvironment and Specific Nonpharmaceutical Thrombolysis Using Prussian Blue Nanodroplets. <i>Small</i> , 2022, 18, e2106252.	5.2	23
6	A Fibrin Site-Specific Nanoprobe for Imaging Fibrin-Rich Thrombi and Preventing Thrombus Formation in Venous Vessels. <i>Advanced Materials</i> , 2022, 34, e2109955.	11.1	10
7	Mitochondrial Glutathione Depletion Nanoshuttles for Oxygen-Irrelevant Free Radicals Generation: A Cascaded Hierarchical Targeting and Theranostic Strategy Against Hypoxic Tumor. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 13038-13055.	4.0	10
8	LIFU-responsive nanomedicine enables acoustic droplet vaporization-induced apoptosis of macrophages for stabilizing vulnerable atherosclerotic plaques. <i>Bioactive Materials</i> , 2022, 16, 120-133.	8.6	21
9	ROS-responsive liposomes as an inhaled drug delivery nanoplatform for idiopathic pulmonary fibrosis treatment via Nrf2 signaling. <i>Journal of Nanobiotechnology</i> , 2022, 20, 213.	4.2	24
10	Downregulating the P2X3 receptor in the carotid body to reduce blood pressure via acoustic gene delivery in canines. <i>Translational Research</i> , 2021, 227, 30-41.	2.2	5
11	Increased photodynamic therapy sensitization in tumors using a nitric oxide-based nanoplatform with ATP-production blocking capability. <i>Theranostics</i> , 2021, 11, 1953-1969.	4.6	49
12	Ferrite-encapsulated nanoparticles with stable photothermal performance for multimodal imaging-guided atherosclerotic plaque neovascularization therapy. <i>Biomaterials Science</i> , 2021, 9, 5652-5664.	2.6	7
13	Nanomedicine Enables Drug-Potency Activation with Tumor Sensitivity and Hyperthermia Synergy in the Second Near-Infrared Biowindow. <i>ACS Nano</i> , 2021, 15, 6457-6470.	7.3	58
14	Hypoxia modulation by dual-drug nanoparticles for enhanced synergistic sonodynamic and starvation therapy. <i>Journal of Nanobiotechnology</i> , 2021, 19, 87.	4.2	23
15	Oxygen and oxaliplatin-loaded nanoparticles combined with photo-sonodynamic inducing enhanced immunogenic cell death in syngeneic mouse models of ovarian cancer. <i>Journal of Controlled Release</i> , 2021, 332, 448-459.	4.8	36
16	Low-intensity focused ultrasound-augmented Cascade chemodynamic therapy via boosting ROS generation. <i>Biomaterials</i> , 2021, 271, 120710.	5.7	45
17	Combination Nanotherapeutics for Dry Eye Disease Treatment in a Rabbit Model. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 3613-3631.	3.3	12
18	NIR Laser Responsive Nanoparticles for Ovarian Cancer Targeted Combination Therapy with Dual-Modal Imaging Guidance. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 4351-4369.	3.3	5

#	ARTICLE	IF	CITATIONS
19	Amplified antitumor efficacy by a targeted drug retention and chemosensitization strategy-based α - β -galactosidase nanoagent together with PD-L1 blockade in reversing multidrug resistance. <i>Journal of Nanobiotechnology</i> , 2021, 19, 200.	4.2	18
20	Dual mitigation of immunosuppression combined with photothermal inhibition for highly effective primary tumor and metastases therapy. <i>Biomaterials</i> , 2021, 274, 120856.	5.7	32
21	iRGD Peptide-Mediated Liposomal Nanoparticles with Photoacoustic/Ultrasound Dual-Modality Imaging for Precision Theranostics Against Hepatocellular Carcinoma. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 6455-6475.	3.3	17
22	Dual-sonosensitizer loaded phase-transition nanoparticles with tumor-targeting for synergistically enhanced sonodynamic therapy. <i>Biomaterials Science</i> , 2021, 9, 6126-6141.	2.6	9
23	Visualized podocyte-targeting and focused ultrasound responsive glucocorticoid nano-delivery system against immune-associated nephropathy without glucocorticoid side effect. <i>Theranostics</i> , 2021, 11, 2670-2690.	4.6	14
24	Protein-Activatable Diarylethene Monomer as a Smart Trigger of Noninvasive Control Over Reversible Generation of Singlet Oxygen: A Facile, Switchable, Theranostic Strategy for Photodynamic-Immunotherapy. <i>Journal of the American Chemical Society</i> , 2021, 143, 2413-2422.	6.6	72
25	Theranostic Nanoplatform with Sequential SDT and ADV Effects in Response to Well-Programmed LIFU Irradiation for Cervical Cancer. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 7995-8012.	3.3	6
26	Mitochondria-targeted nanoplatforms for enhanced photodynamic therapy against hypoxia tumor. <i>Journal of Nanobiotechnology</i> , 2021, 19, 440.	4.2	24
27	A near-infrared laser and H ₂ O ₂ activated bio-nanoreactor for enhanced photodynamic therapy of hypoxic tumors. <i>Biomaterials Science</i> , 2020, 8, 858-870.	2.6	27
28	Dual ultrasound-activatable nanodroplets for highly-penetrative and efficient ovarian cancer theranostics. <i>Journal of Materials Chemistry B</i> , 2020, 8, 380-390.	2.9	31
29	Herceptin-decorated paclitaxel-loaded poly(lactide-co-glycolide) nanobubbles: ultrasound-facilitated release and targeted accumulation in breast cancers. <i>Pharmaceutical Development and Technology</i> , 2020, 25, 454-463.	1.1	23
30	A sequential targeting nanoplatform for anaplastic thyroid carcinoma theranostics. <i>Acta Biomaterialia</i> , 2020, 102, 367-383.	4.1	14
31	MAGE-Targeted Gold Nanoparticles for Ultrasound Imaging-Guided Phototherapy in Melanoma. <i>BioMed Research International</i> , 2020, 2020, 1-12.	0.9	2
32	Artificial Nanotargeted Cells with Stable Photothermal Performance for Multimodal Imaging-Guided Tumor-Specific Therapy. <i>ACS Nano</i> , 2020, 14, 12652-12667.	7.3	72
33	A multimodal imaging-guided nanoreactor for cooperative combination of tumor starvation and multiple mechanism-enhanced mild temperature phototherapy. <i>Biomaterials Science</i> , 2020, 8, 6561-6578.	2.6	27
34	A low-intensity focused ultrasound-assisted nanocomposite for advanced triple cancer therapy: local chemotherapy, therapeutic extracellular vesicles and combined immunotherapy. <i>Biomaterials Science</i> , 2020, 8, 6703-6717.	2.6	16
35	Multimodal and multifunctional nanoparticles with platelet targeting ability and phase transition efficiency for the molecular imaging and thrombolysis of coronary microthrombi. <i>Biomaterials Science</i> , 2020, 8, 5047-5060.	2.6	20
36	Thrombin-responsive engineered nanoexcavator with full-thickness infiltration capability for pharmaceutical-free deep venous thrombosis theranostics. <i>Biomaterials Science</i> , 2020, 8, 4545-4558.	2.6	17

#	ARTICLE	IF	CITATIONS
37	A mitochondria-targeted anticancer nanoplatform with deep penetration for enhanced synergistic sonodynamic and starvation therapy. <i>Biomaterials Science</i> , 2020, 8, 4581-4594.	2.6	33
38	<p>Iron(II) phthalocyanine Loaded and AS1411 Aptamer Targeting Nanoparticles: A Nanocomplex for Dual Modal Imaging and Photothermal Therapy of Breast Cancer</p>. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 5927-5949.	3.3	16
39	Dual-modal magnetic resonance and photoacoustic tracking and outcome of transplanted tendon stem cells in the rat rotator cuff injury model. <i>Scientific Reports</i> , 2020, 10, 13954.	1.6	2
40	TME-activatable theranostic nanoplatform with ATP burning capability for tumor sensitization and synergistic therapy. <i>Theranostics</i> , 2020, 10, 6987-7001.	4.6	35
41	<p>Inhibited Metastasis and Amplified Chemotherapeutic Effects by Epigene-Transfection Based on a Tumor-Targeting Nanoparticle</p>. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 4483-4500.	3.3	1
42	Multifunctional Nanoparticles for Multimodal Imaging-Guided Low-Intensity Focused Ultrasound/Immunosynergistic Retinoblastoma Therapy. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 5642-5657.	4.0	47
43	A photothermal-hypoxia sequentially activatable phase-change nanoagent for mitochondria-targeting tumor synergistic therapy. <i>Biomaterials Science</i> , 2020, 8, 3116-3129.	2.6	10
44	<p>EWVDV-Mediated Platelet-Targeting Nanoparticles for the Multimodal Imaging of Thrombi at Different Blood Flow Velocities</p>. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 1759-1770.	3.3	8
45	Preparation and in<sup>i>1/2</sup>vitro study of stromal cell<sup>i>1</sup>-derived factor 1<sup>i>1</sup>-targeted Fe3O4/poly(lactic<sup>i>1</sup>-glycolic) T ₁ ETQq1 1 0.78431 0.8 1	0.8	1
46	Melanin-loaded biocompatible photosensitive nanoparticles for controlled drug release in combined photothermal-chemotherapy guided by photoacoustic/ultrasound dual-modality imaging. <i>Biomaterials Science</i> , 2019, 7, 4060-4074.	2.6	27
47	Folate-Targeted and Oxygen/Indocyanine Green-Loaded Lipid Nanoparticles for Dual-Mode Imaging and Photo-sonodynamic/Photothermal Therapy of Ovarian Cancer in Vitro and in Vivo. <i>Molecular Pharmaceutics</i> , 2019, 16, 4104-4120.	2.3	48
48	<p>Cell penetrating peptide-modified nanoparticles for tumor targeted imaging and synergistic effect of sonodynamic/HIFU therapy</p>. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 5875-5894.	3.3	29
49	<p>Targeted and pH-facilitated theranostic of orthotopic gastric cancer via phase-transformation doxorubicin-encapsulated nanoparticles enhanced by low-intensity focused ultrasound (LIFU) with reduced side effect</p>. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 7627-7642.	3.3	15
50	<p>Polydopamine-modified dual-ligand nanoparticles as highly effective and targeted magnetic resonance/photoacoustic dual-modality thrombus imaging agents</p>. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 7155-7171.	3.3	15
51	Low intensity focused ultrasound (LIFU) triggered drug release from cetuximab-conjugated phase-changeable nanoparticles for precision theranostics against anaplastic thyroid carcinoma. <i>Biomaterials Science</i> , 2019, 7, 196-210.	2.6	27
52	Perfluorohexane-encapsulated fullerene nanospheres for dual-modality US/CT imaging and synergistic high-intensity focused ultrasound ablation. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 519-529.	3.3	25
53	IR780-based light-responsive nanocomplexes combining phase transition for enhancing multimodal imaging-guided photothermal therapy. <i>Biomaterials Science</i> , 2019, 7, 1132-1146.	2.6	35
54	Photothermal therapy mediated by phase-transformation nanoparticles facilitates delivery of anti-PD1 antibody and synergizes with antitumor immunotherapy for melanoma. <i>Journal of Controlled Release</i> , 2019, 306, 15-28.	4.8	84

#	ARTICLE	IF	CITATIONS
55	<p></p>IR780-loaded folate-targeted nanoparticles for near-infrared fluorescence image-guided surgery and photothermal therapy in ovarian cancer</p>. International Journal of Nanomedicine, 2019, Volume 14, 2757-2772.	3.3	34
56	Multifunctional Polypyrrole- Coated Mesoporous TiO ₂ Nanocomposites for Photothermal, Sonodynamic, and Chemotherapeutic Treatments and Dual-Modal Ultrasound/Photoacoustic Imaging of Tumors. Advanced Healthcare Materials, 2019, 8, e1801254.	3.9	74
57	Low-Intensity Focused Ultrasound-Responsive Phase-Transitional Nanoparticles for Thrombolysis without Vascular Damage: A Synergistic Nonpharmaceutical Strategy. ACS Nano, 2019, 13, 3387-3403.	7.3	118
58	Silk Fibroin-Coated Nanoagents for Acidic Lysosome Targeting by a Functional Preservation Strategy in Cancer Chemotherapy. Theranostics, 2019, 9, 961-973.	4.6	48
59	<p></p>A multifunctional-targeted nanoagent for dual-mode image-guided therapeutic effects on ovarian cancer cells</p>. International Journal of Nanomedicine, 2019, Volume 14, 753-769.	3.3	15
60	Mitochondria-Targeted and Ultrasound-Activated Nanodroplets for Enhanced Deep-Penetration Sonodynamic Cancer Therapy. ACS Applied Materials & Interfaces, 2019, 11, 9355-9366.	4.0	139
61	SR-A-Targeted Phase-Transition Nanoparticles for the Detection and Treatment of Atherosclerotic Vulnerable Plaques. ACS Applied Materials & Interfaces, 2019, 11, 9702-9715.	4.0	50
62	<p></p>The Destruction Of Laser-Induced Phase-Transition Nanoparticles Triggered By Low-Intensity Ultrasound: An Innovative Modality To Enhance The Immunological Treatment Of Ovarian Cancer Cells</p>. International Journal of Nanomedicine, 2019, Volume 14, 9377-9393.	3.3	41
63	Enhanced Photoacoustic and Photothermal Effect of Functionalized Polypyrrole Nanoparticles for Near-Infrared Theranostic Treatment of Tumor. Biomacromolecules, 2019, 20, 401-411.	2.6	41
64	The Study of Enhanced High-Intensity Focused Ultrasound Therapy by Sonodynamic N ₂ O Microbubbles. Nanoscale Research Letters, 2019, 14, 381.	3.1	13
65	Perfluorooctyl bromide & indocyanine green co-loaded nanoliposomes for enhanced multimodal imaging-guided phototherapy. Biomaterials, 2018, 165, 1-13.	5.7	173
66	In Vivo Targeted, Responsive, and Synergistic Cancer Nanotheranostics by Magnetic Resonance Imaging-Guided Synergistic High-Intensity Focused Ultrasound Ablation and Chemotherapy. ACS Applied Materials & Interfaces, 2018, 10, 15428-15441.	4.0	80
67	A laser-activated multifunctional targeted nanoagent for imaging and gene therapy in a mouse xenograft model with retinoblastoma Y79 cells. Acta Biomaterialia, 2018, 70, 211-226.	4.1	18
68	Preoccupation of Empty Carriers Decreases Endo-/Lysosome Escape and Reduces the Protein Delivery Efficiency of Mesoporous Silica Nanoparticles. ACS Applied Materials & Interfaces, 2018, 10, 5340-5347.	4.0	29
69	Peptide-Functionalized Phase-Transformation Nanoparticles for Low Intensity Focused Ultrasound-Assisted Tumor Imaging and Therapy. Nano Letters, 2018, 18, 1831-1841.	4.5	93
70	Oxygen-Deficient Black Titania for Synergistic/Enhanced Sonodynamic and Photoinduced Cancer Therapy at Near Infrared-II Biowindow. ACS Nano, 2018, 12, 4545-4555.	7.3	361
71	In Vivo Targeted Cancer Theranostics by Core/Shell-Structured Multifunctional Prussian Blue/PLGA -Nanococktails-. Particle and Particle Systems Characterization, 2018, 35, 1700306.	1.2	12
72	Nanosonosensitizers for Highly Efficient Sonodynamic Cancer Theranostics. Theranostics, 2018, 8, 6178-6194.	4.6	89

#	ARTICLE	IF	CITATIONS
73	Dual-mode imaging and therapeutic effects of drug-loaded phase-transition nanoparticles combined with near-infrared laser and low-intensity ultrasound on ovarian cancer. <i>Drug Delivery</i> , 2018, 25, 1683-1693.	2.5	26
74	Folate-receptor-targeted laser-activable poly(lactide- <i>co</i> -glycolic acid) nanoparticles loaded with paclitaxel/indocyanine green for photoacoustic/ultrasound imaging and chemo/photothermal therapy. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 5139-5158.	3.3	42
75	Low-intensity focused ultrasound (LIFU)-activated nanodroplets as a theranostic agent for noninvasive cancer molecular imaging and drug delivery. <i>Biomaterials Science</i> , 2018, 6, 2838-2849.	2.6	50
76	Mitochondria-Targeted Artificial "Nano-RBCs" for Amplified Synergistic Cancer Phototherapy by a Single NIR Irradiation. <i>Advanced Science</i> , 2018, 5, 1800049.	5.6	138
77	A preliminary study of photoacoustic/ultrasound dual-mode imaging in melanoma using MAGE-targeted gold nanoparticles. <i>Biochemical and Biophysical Research Communications</i> , 2018, 502, 255-261.	1.0	29
78	Drug Release from Phase-Changeable Nanodroplets Triggered by Low-Intensity Focused Ultrasound. <i>Theranostics</i> , 2018, 8, 1327-1339.	4.6	138
79	Cell-penetrating Peptide-modified Targeted Drug-loaded Phase-transformation Lipid Nanoparticles Combined with Low-intensity Focused Ultrasound for Precision Theranostics against Hepatocellular Carcinoma. <i>Theranostics</i> , 2018, 8, 1892-1910.	4.6	80
80	Cancer Therapy: Mitochondria-Targeted Artificial "Nano-RBCs" for Amplified Synergistic Cancer Phototherapy by a Single NIR Irradiation (<i>Adv. Sci.</i> 8/2018). <i>Advanced Science</i> , 2018, 5, 1870050.	5.6	17
81	Phase-shift, targeted nanoparticles for ultrasound molecular imaging by low intensity focused ultrasound irradiation. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 3907-3920.	3.3	14
82	Bioinspired Multifunctional Melanin-Based Nanoliposome for Photoacoustic/Magnetic Resonance Imaging-Guided Efficient Photothermal Ablation of Cancer. <i>Theranostics</i> , 2018, 8, 1591-1606.	4.6	88
83	PA/US dual-modality imaging to guide VEGFR-2 targeted photothermal therapy using ZnPc-/PFH-loaded polymeric nanoparticles. <i>Biomaterials Science</i> , 2018, 6, 2130-2143.	2.6	28
84	Dual-modal photoacoustic and magnetic resonance tracking of tendon stem cells with PLGA/iron oxide microparticles in vitro. <i>PLoS ONE</i> , 2018, 13, e0193362.	1.1	14
85	Rapid magnetic isolation of extracellular vesicles via lipid-based nanoprobe. <i>Nature Biomedical Engineering</i> , 2017, 1, .	11.6	188
86	Mitochondria-Targeting Polydopamine Nanoparticles To Deliver Doxorubicin for Overcoming Drug Resistance. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 16793-16802.	4.0	135
87	Laser irradiated fluorescent perfluorocarbon microparticles in 2-D and 3-D breast cancer cell models. <i>Scientific Reports</i> , 2017, 7, 43408.	1.6	12
88	Magnetic nanobubbles with potential for targeted drug delivery and trimodal imaging in breast cancer: an <i>in vitro</i> study. <i>Nanomedicine</i> , 2017, 12, 991-1009.	1.7	38
89	Combination of microbubbles and diagnostic ultrasound at a high mechanical index for the synergistic microwave ablation of tumours. <i>International Journal of Hyperthermia</i> , 2017, 33, 318-326.	1.1	2
90	Endogenous Catalytic Generation of O ₂ Bubbles for <i>In Situ</i> Ultrasound-Guided High Intensity Focused Ultrasound Ablation. <i>ACS Nano</i> , 2017, 11, 9093-9102.	7.3	133

#	ARTICLE	IF	CITATIONS
91	Phase Transition Nanoparticles as Multimodality Contrast Agents for the Detection of Thrombi and for Targeting Thrombolysis: in Vitro and in Vivo Experiments. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 42525-42535.	4.0	48
92	A Laser-Activated Biocompatible Theranostic Nanoagent for Targeted Multimodal Imaging and Photothermal Therapy. <i>Theranostics</i> , 2017, 7, 4410-4423.	4.6	79
93	Paclitaxel-loaded and A10-3.2 aptamer-targeted poly(lactide- <i>em</i> >co-glycolic acid) nanobubbles for ultrasound imaging and therapy of prostate cancer. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 5313-5330.	3.3	71
94	Mesoporous composite nanoparticles for dual-modality ultrasound/magnetic resonance imaging and synergistic chemo-/thermotherapy against deep tumors. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 7273-7289.	3.3	13
95	<div>Low-intensity focused ultrasound (LIFU)-induced acoustic droplet vaporization in phase-transition perfluoropentane nanodroplets modified by folate for ultrasound molecular imaging</div>. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 911-923.	3.3	50
96	Phase-transitional Fe₃O₄/perfluorohexane Microspheres for Magnetic Droplet Vaporization. <i>Theranostics</i> , 2017, 7, 846-854.	4.6	26
97	Fe₃O₄-based PLGA nanoparticles as MR contrast agents for the detection of thrombosis. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 1113-1126.	3.3	31
98	Oxygen and indocyanine green loaded phase-transition nanoparticle-mediated photo-sonodynamic cytotoxic effects on rheumatoid arthritis fibroblast-like synoviocytes. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 381-393.	3.3	38
99	A Multifunctional Theranostic Nanoagent for Dual-Mode Image-Guided HIFU/Chemo- Synergistic Cancer Therapy. <i>Theranostics</i> , 2016, 6, 404-417.	4.6	85
100	Graphene-Templated Synthesis of Magnetic Metal Organic Framework Nanocomposites for Selective Enrichment of Biomolecules. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 10234-10242.	4.0	66
101	Shear Wave Elastography of the Spleen for Monitoring Transjugular Intrahepatic Portosystemic Shunt Function. <i>Journal of Ultrasound in Medicine</i> , 2016, 35, 951-958.	0.8	20
102	Folate-targeted perfluorohexane nanoparticles carrying bismuth sulfide for use in US/CT dual-mode imaging and synergistic high-intensity focused ultrasound ablation of cervical cancer. <i>Journal of Materials Chemistry B</i> , 2016, 4, 4164-4181.	2.9	36
103	Magnetic nanoparticle-promoted droplet vaporization for in vivo stimuli-responsive cancer theranostics. <i>NPG Asia Materials</i> , 2016, 8, e313-e313.	3.8	30
104	Microwave-activated nanodroplet vaporization for highly efficient tumor ablation with real-time monitoring performance. <i>Biomaterials</i> , 2016, 106, 264-275.	5.7	28
105	Nanoparticle-enhanced synergistic HIFU ablation and transarterial chemoembolization for efficient cancer therapy. <i>Nanoscale</i> , 2016, 8, 4324-4339.	2.8	95
106	Low-intensity focused ultrasound mediated localized drug delivery for liver tumors in rabbits. <i>Drug Delivery</i> , 2016, 23, 2280-2289.	2.5	35
107	Comparison of the synergistic effect of lipid nanobubbles and SonoVue microbubbles for high intensity focused ultrasound thermal ablation of tumors. <i>PeerJ</i> , 2016, 4, e1716.	0.9	17
108	Targeted Antiangiogenesis Gene Therapy Using Targeted Cationic Microbubbles Conjugated with CD105 Antibody Compared with Untargeted Cationic and Neutral Microbubbles. <i>Theranostics</i> , 2015, 5, 399-417.	4.6	63

#	ARTICLE	IF	CITATIONS
109	Phase-Shifted PFH@PLGA/Fe ₃ O ₄ Nanocapsules for MRI/US Imaging and Photothermal Therapy with near-Infrared Irradiation. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 14231-14242.	4.0	95
110	Superparamagnetic PLGA-iron oxide microspheres as contrast agents for dual-imaging and the enhancement of the effects of high-intensity focused ultrasound ablation on liver tissue. <i>RSC Advances</i> , 2015, 5, 35693-35703.	1.7	12
111	Corrigendum to "Superparamagnetic PLGA-iron oxide microcapsules for dual-modality US/MR imaging and high intensity focused US breast cancer ablation" [Biomaterials 33 (2012) 5854-5864]. <i>Biomaterials</i> , 2015, 64, 1.	5.7	5
112	India Ink Incorporated Multifunctional Phase-transition Nanodroplets for Photoacoustic/Ultrasound Dual-modality Imaging and Photoacoustic Effect Based Tumor Therapy. <i>Theranostics</i> , 2014, 4, 1026-1038.	4.6	67
113	Construction and Evaluation of Fe ₃ O ₄ -Based PLGA Nanoparticles Carrying rtPA Used in the Detection of Thrombosis and in Targeted Thrombolysis. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 5566-5576.	4.0	95
114	Injectable Smart Phase-Transformation Implants for Highly Efficient In Vivo Magnetic Hyperthermia Regression of Tumors. <i>Advanced Materials</i> , 2014, 26, 7468-7473.	11.1	72
115	Laser-Activatable PLGA Microparticles for Image-Guided Cancer Therapy In Vivo. <i>Advanced Functional Materials</i> , 2014, 24, 7674-7680.	7.8	59
116	A targeted ultrasound contrast agent carrying gene and cell-penetrating peptide: Preparation and gene transfection in vitro. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 121, 362-370.	2.5	15
117	Methotrexate-loaded PLGA nanobubbles for ultrasound imaging and Synergistic Targeted therapy of residual tumor during HIFU ablation. <i>Biomaterials</i> , 2014, 35, 5148-5161.	5.7	116
118	Synergistic effects of ultrasound-targeted microbubble destruction and TAT peptide on gene transfection: An experimental study in vitro and in vivo. <i>Journal of Controlled Release</i> , 2013, 170, 437-444.	4.8	26
119	The ABCG2 transporter is a key molecular determinant of the efficacy of sonodynamic therapy with Photofrin in glioma stem-like cells. <i>Ultrasonics</i> , 2013, 53, 232-238.	2.1	61
120	Doxorubicin loaded superparamagnetic PLGA-iron oxide multifunctional microbubbles for dual-mode US/MR imaging and therapy of metastasis in lymph nodes. <i>Biomaterials</i> , 2013, 34, 2307-2317.	5.7	183
121	Microbubbles from Gas-Generating Perfluorohexane Nanoemulsions for Targeted Temperature-Sensitive Ultrasonography and Synergistic HIFU Ablation of Tumors. <i>Advanced Materials</i> , 2013, 25, 4123-4130.	11.1	160
122	Preparation and characterization of gadolinium-loaded PLGA particles surface modified with RGDS for the detection of thrombus. <i>International Journal of Nanomedicine</i> , 2013, 8, 3745.	3.3	17
123	Experimental Research of RB94 Gene Transfection Into Retinoblastoma Cells Using Ultrasound-Targeted Microbubble Destruction. <i>Ultrasound in Medicine and Biology</i> , 2012, 38, 1058-1066.	0.7	13
124	Effective Gene Transfer into Central Nervous System Following Ultrasound-Microbubbles-Induced Opening of the Blood-Brain Barrier. <i>Ultrasound in Medicine and Biology</i> , 2012, 38, 1234-1243.	0.7	41
125	Ultrasound triggered drug release from 10-hydroxycamptothecin-loaded phospholipid microbubbles for targeted tumor therapy in mice. <i>Journal of Controlled Release</i> , 2012, 162, 349-354.	4.8	103
126	Superparamagnetic PLGA-iron oxide microcapsules for dual-modality US/MR imaging and high intensity focused US breast cancer ablation. <i>Biomaterials</i> , 2012, 33, 5854-5864.	5.7	185

#	ARTICLE	IF	CITATIONS
127	Antitumor Effect of Docetaxel-Loaded Lipid Microbubbles Combined With Ultrasound-Targeted Microbubble Activation on VX2 Rabbit Liver Tumors. <i>Journal of Ultrasound in Medicine</i> , 2010, 29, 61-70.	0.8	92
128	Gd ³⁺ -DTPA ³⁻ -loaded PLGA microbubbles as both ultrasound contrast agent and MRI contrast agent—A feasibility research. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2010, 93B, 551-556.	1.6	52
129	A Novel Ultrasound Microbubble Carrying Gene and Tat Peptide: Preparation and Characterization. <i>Academic Radiology</i> , 2009, 16, 1457-1465.	1.3	25
130	Obstructive effects of ultrasonic microbubble intensifier on CHG-5 cell with survivin antisense oligonucleotides transfection. <i>Chinese Journal of Cancer Research: Official Journal of China Anti-Cancer Association</i> , Beijing Institute for Cancer Research, 2008, 20, 85-89.	0.7	0
131	Transfection Efficiency of TDL Compound in HUVEC Enhanced by Ultrasound-Targeted Microbubble Destruction. <i>Ultrasound in Medicine and Biology</i> , 2008, 34, 1857-1867.	0.7	21
132	Experimental Research on Therapeutic Angiogenesis Induced by Hepatocyte Growth Factor Directed by Ultrasound-Targeted Microbubble Destruction in Rats. <i>Journal of Ultrasound in Medicine</i> , 2008, 27, 453-460.	0.8	26
133	Phase-Shift, Targeted Nanoparticles for Ultrasound Molecular Imaging by Low Intensity Focused Ultrasound Irradiation [Retraction]. <i>International Journal of Nanomedicine</i> , 0, Volume 17, 2751-2752.	3.3	0