

# Yanhong Zhu

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

744  
citations

516710

16  
h-index

552781

26  
g-index

32  
all docs

32  
docs citations

32  
times ranked

1135  
citing authors

#	ARTICLE	IF	CITATIONS
1	Transformable Nanosensitizer with Tumor Microenvironment-Activated Sonodynamic Process and Calcium Release for Enhanced Cancer Immunotherapy. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 14051-14059.	13.8	152
2	Synergizing Upconversion Nanophotosensitizers with Hyperbaric Oxygen to Remodel the Extracellular Matrix for Enhanced Photodynamic Cancer Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 22985-22996.	8.0	56
3	Hyperbaric Oxygen Potentiates Doxil Antitumor Efficacy by Promoting Tumor Penetration and Sensitizing Cancer Cells. <i>Advanced Science</i> , 2018, 5, 1700859.	11.2	54
4	Injectable Adhesive Hydrogel as Photothermal-Derived Antigen Reservoir for Enhanced Anti-Tumor Immunity. <i>Advanced Functional Materials</i> , 2021, 31, 2010587.	14.9	54
5	Co-delivery nanoparticle to overcome metastasis promoted by insufficient chemotherapy. <i>Journal of Controlled Release</i> , 2018, 275, 67-77.	9.9	50
6	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.	10.0	40
7	Glioma-targeting micelles for optical/magnetic resonance dual-mode imaging. <i>International Journal of Nanomedicine</i> , 2015, 10, 1805.	6.7	31
8	Long-term exposure to titanium dioxide nanoparticles promotes diet-induced obesity through exacerbating intestinal mucus layer damage and microbiota dysbiosis. <i>Nano Research</i> , 2021, 14, 1512-1522.	10.4	28
9	Time serial transcriptome reveals <i>Cyp2c29</i> as a key gene in hepatocellular carcinoma development. <i>Cancer Biology and Medicine</i> , 2020, 17, 401-417.	3.0	20
10	Gene expression, regulation of DEN and HBx induced HCC mice models and comparisons of tumor, para-tumor and normal tissues. <i>BMC Cancer</i> , 2017, 17, 862.	2.6	19
11	Tumor Microenvironment-Near-Infrared Light-Activated Coordination Polymer Nanoprodrug for On-Demand CO <sub>2</sub> -Sensitized Synergistic Cancer Therapy. <i>Advanced Healthcare Materials</i> , 2021, 10, e2001728.	7.6	19
12	Quercetin Ameliorates Gut Microbiota Dysbiosis That Drives Hypothalamic Damage and Hepatic Lipogenesis in Monosodium Glutamate-Induced Abdominal Obesity. <i>Frontiers in Nutrition</i> , 2021, 8, 671353.	3.7	19
13	A high-performance imaging probe with NIR luminescence and synergistically enhanced T <sub>1</sub> /T <sub>2</sub> relaxivity for in vivo hepatic tumor targeting and multimodal imaging. <i>Chemical Communications</i> , 2015, 51, 13369-13372.	4.1	18
14	One-step preparation of nano-in-micro poly(vinyl alcohol) embolic microspheres and used for dual-modal T1/T2-weighted magnetic resonance imaging. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018, 14, 2551-2561.	3.3	18
15	Mild thermo-therapy and hyperbaric oxygen enhance sensitivity of TMZ/PSi nanoparticles via decreasing the stemness in glioma. <i>Journal of Nanobiotechnology</i> , 2019, 17, 47.	9.1	18
16	Transcriptome profiling reveals the anti-diabetic molecular mechanism of <i>Cyclocarya paliurus</i> polysaccharides. <i>Journal of Functional Foods</i> , 2019, 55, 1-8.	3.4	17
17	Hyperbaric oxygen as an adjuvant to temozolomide nanoparticle inhibits glioma growth by inducing G2/M phase arrest. <i>Nanomedicine</i> , 2018, 13, 887-898.	3.3	15
18	Immunoenhancement of Edible Fungal Polysaccharides (Lentinan, Tremellan, and Pachyman) on Cyclophosphamide-Induced Immunosuppression in Mouse Model. <i>Evidence-based Complementary and Alternative Medicine</i> , 2017, 2017, 1-7.	1.2	14

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19	Transformable Nanosensitizer with Tumor Microenvironment-Activated Sonodynamic Process and Calcium Release for Enhanced Cancer Immunotherapy. <i>Angewandte Chemie</i> , 2021, 133, 14170-14178.	2.0	14
20	A polyethylenimine-modified carboxyl-poly(styrene/acrylamide) copolymer nanosphere for co-delivering of CpG and TGF- $\beta$ 1 inhibitor with remarkable additive tumor regression effect against liver cancer in mice. <i>International Journal of Nanomedicine</i> , 2016, Volume 11, 6753-6762.	6.7	13
21	Effect of edible fungal polysaccharides on improving influenza vaccine protection in mice. <i>Food and Agricultural Immunology</i> , 2017, 28, 981-992.	1.4	12
22	Integrating Transcriptome and Experiments Reveals the Anti-diabetic Mechanism of Cyclocarya paliurus Formula. <i>Molecular Therapy - Nucleic Acids</i> , 2018, 13, 419-430.	5.1	12
23	Systematic Transcriptome and Regulatory Network Analyses Reveal the Hypoglycemic Mechanism of <i>Dendrobium fimbriatum</i> . <i>Molecular Therapy - Nucleic Acids</i> , 2020, 19, 1-14.	5.1	11
24	One-step preparation of multifunctional alginate microspheres loaded with <i>in situ</i> -formed gold nanostars as a photothermal agent. <i>Materials Chemistry Frontiers</i> , 2019, 3, 2018-2024.	5.9	10
25	Investigating the Molecular Mechanism of Aqueous Extract of <i>Cyclocarya paliurus</i> on Ameliorating Diabetes by Transcriptome Profiling. <i>Frontiers in Pharmacology</i> , 2018, 9, 912.	3.5	9
26	The Protective Effects of Danggui-Baizhu-Tang on High-Fat Diet-Induced Obesity in Mice by Activating Thermogenesis. <i>Frontiers in Pharmacology</i> , 2018, 9, 1019.	3.5	8
27	Facile preparation of a Ca(II) carboxymethyl cellulose complex with enhanced calcium bioavailability for treatment of osteoporosis. <i>Dalton Transactions</i> , 2019, 48, 5735-5740.	3.3	6
28	Coicis Semen formula treating monosodium glutamate-induced obesity in mice by alleviating hypothalamic injury. <i>Food and Agricultural Immunology</i> , 2020, 31, 84-99.	1.4	3
29	Dietary titanium dioxide particles (E171) promote diet-induced atherosclerosis through reprogramming gut microbiota-mediated choline metabolism in APOE <sup>-/-</sup> mice. <i>Journal of Hazardous Materials</i> , 2022, 436, 129179.	12.4	3
30	Liver-protecting effects of extracts from Glossy privet fruit and <i>Ecliptae herba</i> formula in mice through suppression of Kupffer cells activation. <i>Food and Agricultural Immunology</i> , 2019, 30, 222-235.	1.4	1