

# Meiying Wu

## List of Publications by Year in descending order

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Version: 2024-02-01

46  
papers

4,650  
citations

159358

30  
h-index

223531

46  
g-index

46  
all docs

46  
docs citations

46  
times ranked

6547  
citing authors

#	ARTICLE	IF	CITATIONS
1	Engineered gold/black phosphorus nanoplateforms with remodeling tumor microenvironment for sonoactivated catalytic tumor theranostics. <i>Bioactive Materials</i> , 2022, 10, 515-525.	8.6	73
2	Carrier-free multifunctional nanomedicine for intraperitoneal disseminated ovarian cancer therapy. <i>Journal of Nanobiotechnology</i> , 2022, 20, 93.	4.2	18
3	An in Silico Approach to Reveal the Nanodisc Formulation of Doxorubicin. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 859255.	2.0	4
4	ATP-exhausted nanocomplexes for intratumoral metabolic intervention and photoimmunotherapy. <i>Biomaterials</i> , 2022, 284, 121503.	5.7	25
5	Mesoporous calcium peroxide-ignited NO generation for amplifying photothermal immunotherapy of breast cancer. <i>Chemical Engineering Journal</i> , 2022, 437, 135371.	6.6	18
6	Oxidative stress-amplified nanomedicine for intensified ferroptosis-apoptosis combined tumor therapy. <i>Journal of Controlled Release</i> , 2022, 347, 104-114.	4.8	42
7	Transforming "cold" tumors into "hot" ones via tumor-microenvironment-responsive siRNA micelleplexes for enhanced immunotherapy. <i>Matter</i> , 2022, 5, 2285-2305.	5.0	62
8	Melittin Tryptophan Substitution with a Fluorescent Amino Acid Reveals the Structural Basis of Selective Antitumor Effect and Subcellular Localization in Tumor Cells. <i>Toxins</i> , 2022, 14, 428.	1.5	8
9	Cu-Doped Polypyrrole with Multi-Catalytic Activities for Sono-Enhanced Nanocatalytic Tumor Therapy. <i>Small</i> , 2022, 18, .	5.2	16
10	Polypyrrole Nanoenzymes as Tumor Microenvironment Modulators to Reprogram Macrophage and Potentiate Immunotherapy. <i>Advanced Science</i> , 2022, 9, .	5.6	77
11	Renal-Clearable Ultrasmall Polypyrrole Nanoparticles with Size-Regulated Property for Second Near-Infrared Light-Mediated Photothermal Therapy. <i>Advanced Functional Materials</i> , 2021, 31, 2008362.	7.8	72
12	Tumor Microenvironment-Specific Chemical Internalization for Enhanced Gene Therapy of Metastatic Breast Cancer. <i>Research</i> , 2021, 2021, .	2.8	10
13	Sonodynamic therapy: Another "light" in tumor treatment by exogenous stimulus. <i>Smart Materials in Medicine</i> , 2021, 2, 145-149.	3.7	11
14	Biomimetic nanomedicine toward personalized disease theranostics. <i>Nano Research</i> , 2021, 14, 2491-2511.	5.8	17
15	Metal-free two-dimensional nanomaterial-mediated photothermal tumor therapy. <i>Smart Materials in Medicine</i> , 2020, 1, 150-167.	3.7	28
16	Magnetic nanoparticles coated with polyphenols for spatio-temporally controlled cancer photothermal/immunotherapy. <i>Journal of Controlled Release</i> , 2020, 326, 131-139.	4.8	125
17	Two-dimensional highly oxidized ilmenite nanosheets equipped with Z-scheme heterojunction for regulating tumor microenvironment and enhancing reactive oxygen species generation. <i>Chemical Engineering Journal</i> , 2020, 390, 124524.	6.6	32
18	Dual-response oxygen-generating MnO <sub>2</sub> nanoparticles with polydopamine modification for combined photothermal-photodynamic therapy. <i>Chemical Engineering Journal</i> , 2020, 389, 124494.	6.6	166

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19	Liposomes Encapsulating Neoantigens and Black Phosphorus Quantum Dots for Enhancing Photothermal Immunotherapy. <i>Journal of Biomedical Nanotechnology</i> , 2020, 16, 1394-1405.	0.5	15
20	SnTe@MnO <sub>2</sub> â€”SP Nanosheetâ€”Based Intelligent Nanoplatform for Second Nearâ€”Infrared Lightâ€”Mediated Cancer Theranostics. <i>Advanced Functional Materials</i> , 2019, 29, 1903791.	7.8	69
21	Ultrasound Molecular Imaging of Lymphocyte-endothelium Adhesion Cascade in Acute Cellular Rejection of Cardiac Allografts. <i>Transplantation</i> , 2019, 103, 1603-1611.	0.5	7
22	Focused Ultrasoundâ€”Augmented Delivery of Biodegradable Multifunctional Nanoplatforms for Imagingâ€”Guided Brain Tumor Treatment. <i>Advanced Science</i> , 2018, 5, 1700474.	5.6	71
23	MR imaging tracking of inflammation-activatable engineered neutrophils for targeted therapy of surgically treated glioma. <i>Nature Communications</i> , 2018, 9, 4777.	5.8	173
24	Ultrasound Molecular Imaging of Atherosclerosis for Early Diagnosis and Therapeutic Evaluation through Leucocyte-like Multiple Targeted Microbubbles. <i>Theranostics</i> , 2018, 8, 1879-1891.	4.6	57
25	Generic synthesis and versatile applications of molecularly organicâ€”inorganic hybrid mesoporous organosilica nanoparticles with asymmetric Janus topologies and structures. <i>Nano Research</i> , 2017, 10, 3790-3810.	5.8	19
26	Endogenous Catalytic Generation of O <sub>2</sub> Bubbles for <i>In Situ</i> Ultrasound-Guided High Intensity Focused Ultrasound Ablation. <i>ACS Nano</i> , 2017, 11, 9093-9102.	7.3	133
27	Core-shell LaPO <sub>4</sub> /g-C <sub>3</sub> N <sub>4</sub> nanowires for highly active and selective CO <sub>2</sub> reduction. <i>Applied Catalysis B: Environmental</i> , 2017, 201, 629-635.	10.8	109
28	Tumor vascular-targeted co-delivery of anti-angiogenesis and chemotherapeutic agents by mesoporous silica nanoparticle-based drug delivery system for synergetic therapy of tumor. <i>International Journal of Nanomedicine</i> , 2016, 11, 93.	3.3	63
29	â€”Manganese Extractionâ€”Strategy Enables Tumor-Sensitive Biodegradability and Theranostics of Nanoparticles. <i>Journal of the American Chemical Society</i> , 2016, 138, 9881-9894.	6.6	246
30	Large Poreâ€”Sized Hollow Mesoporous Organosilica for Redoxâ€”Responsive Gene Delivery and Synergistic Cancer Chemotherapy. <i>Advanced Materials</i> , 2016, 28, 1963-1969.	11.1	245
31	Dual synergetic effects in MoS <sub>2</sub> /pyridine-modified g-C <sub>3</sub> N <sub>4</sub> composite for highly active and stable photocatalytic hydrogen evolution under visible light. <i>Applied Catalysis B: Environmental</i> , 2016, 190, 36-43.	10.8	133
32	Mesostructured CeO <sub>2</sub> /g-C <sub>3</sub> N <sub>4</sub> nanocomposites: Remarkably enhanced photocatalytic activity for CO <sub>2</sub> reduction by mutual component activations. <i>Nano Energy</i> , 2016, 19, 145-155.	8.2	349
33	Nanoparticle-enhanced generation of gene-transfected mesenchymal stem cells for <i>in vivo</i> cardiac repair. <i>Biomaterials</i> , 2016, 74, 188-199.	5.7	49
34	A Prussian Blueâ€”Based Coreâ€”Shell Hollowâ€”Structured Mesoporous Nanoparticle as a Smart Theranostic Agent with Ultrahigh pHâ€”Responsive Longitudinal Relaxivity. <i>Advanced Materials</i> , 2015, 27, 6382-6389.	11.1	233
35	Highly selective CO <sub>2</sub> photoreduction to CO over g-C <sub>3</sub> N <sub>4</sub> /Bi <sub>2</sub> WO <sub>6</sub> composites under visible light. <i>Journal of Materials Chemistry A</i> , 2015, 3, 5189-5196.	5.2	338
36	Mesostructured amorphous manganese oxides: facile synthesis and highly durable elimination of low-concentration NO at room temperature in air. <i>Chemical Communications</i> , 2015, 51, 5887-5889.	2.2	22

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37	Large-Pore Ultrasmall Mesoporous Organosilica Nanoparticles: Micelle/Precursor Co-templating Assembly and Nuclear-Targeted Gene Delivery. <i>Advanced Materials</i> , 2015, 27, 215-222.	11.1	266
38	A salt-assisted acid etching strategy for hollow mesoporous silica/organosilica for pH-responsive drug and gene co-delivery. <i>Journal of Materials Chemistry B</i> , 2015, 3, 766-775.	2.9	61
39	Colloidal RBC-Shaped, Hydrophilic, and Hollow Mesoporous Carbon Nanocapsules for Highly Efficient Biomedical Engineering. <i>Advanced Materials</i> , 2014, 26, 4294-4301.	11.1	196
40	Ultrasmall Confined Iron Oxide Nanoparticle MSNs as a pH-Responsive Theranostic Platform. <i>Advanced Functional Materials</i> , 2014, 24, 4273-4283.	7.8	66
41	Multifunctional Graphene Oxide-based Triple Stimuli-Responsive Nanotheranostics. <i>Advanced Functional Materials</i> , 2014, 24, 4386-4396.	7.8	115
42	Hollow Mesoporous Organosilica Nanoparticles: A Generic Intelligent Framework-Hybridization Approach for Biomedicine. <i>Journal of the American Chemical Society</i> , 2014, 136, 16326-16334.	6.6	338
43	Facile synthesis of hydrophilic multi-colour and upconversion photoluminescent mesoporous carbon nanoparticles for bioapplications. <i>Chemical Communications</i> , 2014, 50, 15772-15775.	2.2	24
44	Amorphous Fe <sup>2+</sup> -rich FeO <sub>x</sub> loaded in mesoporous silica as a highly efficient heterogeneous Fenton catalyst. <i>Dalton Transactions</i> , 2014, 43, 9234-9241.	1.6	32
45	A facile ultrasonic process for the preparation of Co <sub>3</sub> O <sub>4</sub> nanoflowers for room-temperature removal of low-concentration NO <sub>x</sub> . <i>Catalysis Communications</i> , 2014, 57, 73-77.	1.6	13
46	Break-up of Two-Dimensional MnO <sub>2</sub> Nanosheets Promotes Ultrasensitive pH-Triggered Theranostics of Cancer. <i>Advanced Materials</i> , 2014, 26, 7019-7026.	11.1	404