

# Yuxin Liu

## List of Publications by Year in descending order

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Version: 2024-02-01

44  
papers

1,355  
citations

304602

22  
h-index

345118

36  
g-index

47  
all docs

47  
docs citations

47  
times ranked

2181  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tumor-activated microenvironment activated programmable synergistic cancer therapy by bioresponsive rare-earth nanocomposite. <i>Journal of Rare Earths</i> , 2022, 40, 1399-1406.	2.5	5
2	Ionic surfactants as assembly crosslinkers triggered supramolecular membrane with 2D to 3D conversion under multiple stimulus. <i>Journal of Colloid and Interface Science</i> , 2022, 609, 627-636.	5.0	2
3	Inflammation-triggered Supramolecular Nanoplatform for Local Dynamic Dependent Imaging-Guided Therapy of Rheumatoid Arthritis. <i>Advanced Science</i> , 2022, 9, e2105188.	5.6	10
4	Nanolayer Laser Absorber for Femtoliter Chemistry in Polymer Reactors. <i>Advanced Materials</i> , 2022, 34, e2108493.	11.1	11
5	Assessing Polymer-Surface Adhesion with a Polymer Collection. <i>Langmuir</i> , 2022, , .	1.6	3
6	Nanolayer Laser Absorber for Femtoliter Chemistry in Polymer Reactors (Adv. Mater. 8/2022). <i>Advanced Materials</i> , 2022, 34, .	11.1	0
7	Automated Laser-Transfer Synthesis of High-Density Microarrays for Infectious Disease Screening. <i>Advanced Materials</i> , 2022, 34, e2200359.	11.1	11
8	A Spontaneous Membrane-Adsorption Approach to Enhancing Second Near-Infrared Deep-Imaging-Guided Intracranial Tumor Therapy. <i>ACS Nano</i> , 2021, 15, 4518-4533.	7.3	9
9	Customized Photothermal Therapy of Subcutaneous Orthotopic Cancer by Multichannel Luminescent Nanocomposites. <i>Advanced Materials</i> , 2021, 33, e2008615.	11.1	36
10	Multichannel Optical Device for Solar-Driven Bacterial Inactivation under Real-Time Temperature Feedback. <i>Chemistry - A European Journal</i> , 2021, 27, 11094-11101.	1.7	0
11	Position Matters: Fluorescent Positional Isomers for Reliable Multichannel Encryption Devices. <i>Chemistry - A European Journal</i> , 2021, 27, 16098-16102.	1.7	6
12	Elevating performance of electrochemical immunosensor via photo-induced microscale hyperthermia in situ. <i>Biosensors and Bioelectronics</i> , 2020, 150, 111951.	5.3	13
13	Orthogonal Near-Infrared-II Imaging Enables Spatially Distinguishing Tissues Based on Lanthanide-Doped Nanoprobes. <i>Analytical Chemistry</i> , 2020, 92, 14762-14768.	3.2	16
14	Endogenous H <sub>2</sub> S-Activable Liposomal Nanoplatform for Synergistic Colorectal Tumor Ablation at Mild Apparent Temperature. <i>ACS Applied Bio Materials</i> , 2020, 3, 6680-6687.	2.3	5
15	Multichannel Lanthanide-Doped Nanoprobes Improve Diagnostic Performance. <i>Accounts of Materials Research</i> , 2020, 1, 225-235.	5.9	8
16	Luminescence imaging-guided triple-collaboratively enhanced photodynamic therapy by bioresponsive lanthanide-based nanomedicine. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020, 29, 102265.	1.7	6
17	Interference-Free Detection of Hydroxyl Radical and Arthritis Diagnosis by Rare Earth-Based Nanoprobe Utilizing SWIR Emission as Reference. <i>Analytical Chemistry</i> , 2019, 91, 11433-11439.	3.2	24
18	DNA-templated porous nanoplatform towards programmed "double-hit" cancer therapy via hyperthermia and immunogenicity activation. <i>Biomaterials</i> , 2019, 219, 119395.	5.7	11

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19	Rationally designed pure-inorganic upconversion nanoprobe for ultra-highly selective hydrogen sulfide imaging and elimination <i>in vivo</i> . <i>Chemical Science</i> , 2019, 10, 1193-1200.	3.7	45
20	Biocompatible Heat-Shock Protein Inhibitor-Delivered Flowerlike Short-Wave Infrared Nanoprobe for Mild Temperature-Driven Highly Efficient Tumor Ablation. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 6820-6828.	4.0	56
21	pH-activated heat shock protein inhibition and radical generation enhanced NIR luminescence imaging-guided photothermal tumour ablation. <i>International Journal of Pharmaceutics</i> , 2019, 566, 40-45.	2.6	18
22	Fabrication of Cobalt Nanocomposites as Enzyme Mimetic with Excellent Electrocatalytic Activity for Superoxide Oxidation and Cellular Release Detection. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 10227-10233.	3.2	19
23	Translating from lab-use to household: Dual-functional upconversion nanoprobe for solar-powered photothermal fluorosis diagnosis. <i>Biosensors and Bioelectronics</i> , 2019, 140, 111341.	5.3	6
24	Simultaneous multi-signal quantification for highly precise serodiagnosis utilizing a rationally constructed platform. <i>Nature Communications</i> , 2019, 10, 5361.	5.8	39
25	Trojan Antibiotics: New Weapons for Fighting Against Drug Resistance. <i>ACS Applied Bio Materials</i> , 2019, 2, 447-453.	2.3	11
26	Green synthesis of ultra-small VOx nanodots for acidic-activated HSP60 inhibition and therapeutic enhancement. <i>Biomaterials</i> , 2019, 194, 94-104.	5.7	19
27	Artemisinin-Loaded Mesoporous Nanoplatfor for pH-Responsive Radical Generation Synergistic Tumor Theranostics. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 6155-6167.	4.0	22
28	Simultaneous Activation of Short-Wave Infrared (SWIR) Light and Paramagnetism by a Functionalized Shell for High Penetration and Spatial Resolution Theranostics. <i>Advanced Functional Materials</i> , 2018, 28, 1705057.	7.8	29
29	Artificially controlled degradable nanoparticles for contrast switch MRI and programmed cancer therapy. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 6647-6659.	3.3	6
30	Simultaneously activating highly selective ratiometric MRI and synergistic therapy in response to intratumoral oxidability and acidity. <i>Biomaterials</i> , 2018, 180, 104-116.	5.7	67
31	Rationally designed upconversion nanoprobe for simultaneous highly sensitive ratiometric detection of fluoride ions and fluorosis theranostics. <i>Chemical Science</i> , 2018, 9, 5242-5251.	3.7	40
32	Recent Advance in Near-Infrared (NIR) Imaging Probes for Cancer Theranostics. <i>Advanced Therapeutics</i> , 2018, 1, 1800055.	1.6	35
33	Ultrahigh Sensitivity Multifunctional Nanoprobe for the Detection of Hydroxyl Radical and Evaluation of Heavy Metal Induced Oxidative Stress in Live Hepatocyte. <i>Analytical Chemistry</i> , 2017, 89, 4986-4993.	3.2	34
34	In Vivo Oxidative Stress Monitoring Through Intracellular Hydroxyl Radicals Detection by Recyclable Upconversion Nanoprobes. <i>Analytical Chemistry</i> , 2017, 89, 12299-12305.	3.2	40
35	Artificially controlled degradable inorganic nanomaterial for cancer theranostics. <i>Biomaterials</i> , 2017, 112, 204-217.	5.7	43
36	Ultra-small pH-responsive Nd-doped NaDyF <sub>4</sub> Nanoagents for Enhanced Cancer Theranostic by <i>in situ</i> Aggregation. <i>Theranostics</i> , 2017, 7, 4217-4228.	4.6	38

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37	Novel Cs-Based Upconversion Nanoparticles as Dual-Modal CT and UCL Imaging Agents for Chemo-Photothermal Synergistic Therapy. <i>Theranostics</i> , 2016, 6, 1491-1505.	4.6	62
38	Thermoresponsive Nanogel-Encapsulated PEDOT and HSP70 Inhibitor for Improving the Depth of the Photothermal Therapeutic Effect. <i>Advanced Functional Materials</i> , 2016, 26, 4749-4759.	7.8	103
39	Cytopore-Conjugated Porous Upconversion Nanocomposites for Programmed Delivery of Heat Shock Protein 70 Small Interfering RNA for Gene Silencing and Photothermal Ablation. <i>Advanced Functional Materials</i> , 2016, 26, 3480-3489.	7.8	84
40	Optimization of Prussian Blue Coated NaDyF <sub>4</sub> :x%Lu Nanocomposites for Multifunctional Imaging-Guided Photothermal Therapy. <i>Advanced Functional Materials</i> , 2016, 26, 5120-5130.	7.8	98
41	Polydopamine-Encapsulated Fe <sub>3</sub> O <sub>4</sub> with an Adsorbed HSP70 Inhibitor for Improved Photothermal Inactivation of Bacteria. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 24455-24462.	4.0	62
42	Mn-complex modified NaDyF <sub>4</sub> :Yb@NaLuF <sub>4</sub> :Yb,Er@polydopamine core-shell nanocomposites for multifunctional imaging-guided photothermal therapy. <i>Journal of Materials Chemistry B</i> , 2016, 4, 2697-2705.	2.9	39
43	Electrochemical Immunosensor for Detection of Epidermal Growth Factor Reaching Lower Detection Limit: Toward Oxidized Glutathione as a More Efficient Blocking Reagent for the Antibody Functionalized Silver Nanoparticles and Antigen Interaction. <i>Analytical Chemistry</i> , 2015, 87, 8047-8051.	3.2	43
44	PEDOT nanocomposites mediated dual-modal photodynamic and photothermal targeted sterilization in both NIR I and II window. <i>Biomaterials</i> , 2015, 41, 132-140.	5.7	121