

Yuxin Liu

List of Publications by Year in descending order

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44
papers

1,355
citations

304602

22
h-index

345118

36
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47
all docs

47
docs citations

47
times ranked

2181
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Optimization of Prussian Blue Coated NaDyF ₄ :x%Lu Nanocomposites for Multifunctional Imaging-Guided Photothermal Therapy. <i>Advanced Functional Materials</i> , 2016, 26, 5120-5130.	7.8	98
4	Cytopate-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
5	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
6	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
7	Polydopamine-Encapsulated Fe ₃ O ₄ with an Adsorbed HSP70 Inhibitor for Improved Photothermal Inactivation of Bacteria. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 24455-24462.	4.0	62
8	Biocompatible Heat-Shock Protein Inhibitor-Delivered Flowerlike Short-Wave Infrared Nanoprobe for Mild Temperature-Driven Highly Efficient Tumor Ablation. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 6820-6828.	4.0	56
9	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
10	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
11	Artificially controlled degradable inorganic nanomaterial for cancer theranostics. <i>Biomaterials</i> , 2017, 112, 204-217.	5.7	43
12	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
13	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
14	Mn-complex modified NaDyF ₄ :Yb@NaLuF ₄ :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
15	Simultaneous multi-signal quantification for highly precise serodiagnosis utilizing a rationally constructed platform. <i>Nature Communications</i> , 2019, 10, 5361.	5.8	39
16	Ultra-small pH-responsive Nd-doped NaDyF ₄ Nanoagents for Enhanced Cancer Theranostic by <i>in situ</i> Aggregation. <i>Theranostics</i> , 2017, 7, 4217-4228.	4.6	38
17	Customized Photothermal Therapy of Subcutaneous Orthotopic Cancer by Multichannel Luminescent Nanocomposites. <i>Advanced Materials</i> , 2021, 33, e2008615.	11.1	36
18	Recent Advance in Near-Infrared (NIR) Imaging Probes for Cancer Theranostics. <i>Advanced Therapeutics</i> , 2018, 1, 1800055.	1.6	35

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19	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
20	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
21	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
22	Artemisinin-Loaded Mesoporous Nanoplatfor for pH-Responsive Radical Generation Synergistic Tumor Theranostics. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 6155-6167.	4.0	22
23	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
24	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
25	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
26	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
27	Elevating performance of electrochemical immunosensor via photo-induced microscale hyperthermia in situ. <i>Biosensors and Bioelectronics</i> , 2020, 150, 111951.	5.3	13
28	DNA-templated porous nanoplatfor towards programmed "double-hit" cancer therapy via hyperthermia and immunogenicity activation. <i>Biomaterials</i> , 2019, 219, 119395.	5.7	11
29	Trojan Antibiotics: New Weapons for Fighting Against Drug Resistance. <i>ACS Applied Bio Materials</i> , 2019, 2, 447-453.	2.3	11
30	Nanolayer Laser Absorber for Femtoliter Chemistry in Polymer Reactors. <i>Advanced Materials</i> , 2022, 34, e2108493.	11.1	11
31	Automated Laser-Transfer Synthesis of High-Density Microarrays for Infectious Disease Screening. <i>Advanced Materials</i> , 2022, 34, e2200359.	11.1	11
32	Inflammation-Triggered Supramolecular Nanoplatfor for Local Dynamic Dependent Imaging-Guided Therapy of Rheumatoid Arthritis. <i>Advanced Science</i> , 2022, 9, e2105188.	5.6	10
33	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
34	Multichannel Lanthanide-Doped Nanoprobes Improve Diagnostic Performance. <i>Accounts of Materials Research</i> , 2020, 1, 225-235.	5.9	8
35	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
36	Translating from lab-use to household: Dual-functional upconversion nanoprobes for solar-powered photothermal fluorosis diagnosis. <i>Biosensors and Bioelectronics</i> , 2019, 140, 111341.	5.3	6

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37	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
38	Position Matters: Fluorescent Positional Isomers for Reliable Multichannel Encryption Devices. <i>Chemistry - A European Journal</i> , 2021, 27, 16098-16102.	1.7	6
39	Endogenous H ₂ S-Activable Liposomal Nanoplatfom for Synergistic Colorectal Tumor Ablation at Mild Apparent Temperature. <i>ACS Applied Bio Materials</i> , 2020, 3, 6680-6687.	2.3	5
40	Tumor microenvironment activated programmable synergistic cancer therapy by bioresponsive rare-earth nanocomposite. <i>Journal of Rare Earths</i> , 2022, 40, 1399-1406.	2.5	5
41	Assessing Polymer-Surface Adhesion with a Polymer Collection. <i>Langmuir</i> , 2022, , .	1.6	3
42	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
43	Multi-Channel 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
44	Nanolayer Laser Absorber for Femtoliter Chemistry in Polymer Reactors (<i>Adv. Mater.</i> 8/2022). <i>Advanced Materials</i> , 2022, 34, .	11.1	0