

# Yurui Xu

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

526  
citations

840776

11  
h-index

677142

22  
g-index

28  
all docs

28  
docs citations

28  
times ranked

577  
citing authors

#	ARTICLE	IF	CITATIONS
1	Intrinsically stretchable electronics with ultrahigh deformability to monitor dynamically moving organs. <i>Science Advances</i> , 2022, 8, eabl5511.	10.3	101
2	Novel Gold Nanorod-Based HR1 Peptide Inhibitor for Middle East Respiratory Syndrome Coronavirus. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 19799-19807.	8.0	86
3	Mesenchymal Stem Cells Functionalized Sonodynamic Treatment for Improving Therapeutic Efficacy and Compliance of Orthotopic Oral Cancer. <i>Advanced Materials</i> , 2020, 32, e2005295.	21.0	62
4	Synergistic Amplification of Oxidative Stress-Mediated Antitumor Activity via Liposomal Dichloroacetic Acid and MOF-Fe <sup>2+</sup> . <i>Small</i> , 2019, 15, e1901156.	10.0	47
5	A Novel Luminescent Nanochip as a Tandem Catalytic System for Chemiluminescent Detection of Sweat Glucose. <i>Analytical Chemistry</i> , 2021, 93, 10593-10600.	6.5	25
6	Polysaccharide-based nanoparticles for co-loading mitoxantrone and verapamil to overcome multidrug resistance in breast tumor. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 7337-7350.	6.7	24
7	Bioactive multi-engineered hydrogel offers simultaneous promise against antibiotic resistance and wound damage. <i>International Journal of Biological Macromolecules</i> , 2020, 164, 4466-4474.	7.5	22
8	Multistage targeted Photoactive neutrophil for enhancing synergistic photo-chemotherapy. <i>Biomaterials</i> , 2021, 279, 121224.	11.4	14
9	Cell Membrane Camouflaged Metal Oxide-Black Phosphorus Biomimetic Nanocomplex Enhances Photo-chemo-dynamic Ferroptosis. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 26557-26570.	8.0	14
10	Smart pH-Sensitive Nanogels for Enhancing Synergistic Anticancer Effects of Integrin $\alpha_5\beta_1$ -Specific Apoptotic Peptide and Therapeutic Nitric Oxide. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 34663-34675.	8.0	13
11	Nanosized Phase-Changeable Sonocyte for Promoting Ultrasound Assessment. <i>Small</i> , 2020, 16, 2002950.	10.0	13
12	Stimuli-responsive combination therapy of cisplatin and Nrf2 siRNA for improving antitumor treatment of osteosarcoma. <i>Nano Research</i> , 2020, 13, 630-637.	10.4	12
13	A stimuli-responsive combination therapy for recovering p53-inactivation associated drug resistance. <i>Materials Science and Engineering C</i> , 2020, 108, 110403.	7.3	11
14	Controllable Subtractive Nanoimprint Lithography for Precisely Fabricating Paclitaxel-Loaded PLGA Nanocylinders to Enhance Anticancer Efficacy. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 14797-14805.	8.0	10
15	An Adenovirus-Mimicking Photoactive Nanomachine Preferentially Invades and Destroys Cancer Cells through Hijacking Cellular Glucose Metabolism. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	10
16	Discovery and characterization of a novel peptide inhibitor against influenza neuraminidase. <i>RSC Medicinal Chemistry</i> , 2020, 11, 148-154.	3.9	8
17	An interrelated CataFlower enzyme system for sensitively monitoring sweat glucose. <i>Talanta</i> , 2021, 235, 122799.	5.5	8
18	N-Cadherin Nanoantagonist Driven Mesenchymal-to-Epithelial Transition in Fibroblasts for Improving Reprogramming Efficiency. <i>Nano Letters</i> , 2021, 21, 5540-5546.	9.1	7

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19	An octopus-mimic PEGylated peptide as a specific integrin $\alpha_5\beta_1$ inhibitor for preventing tumor progression. <i>Chemical Communications</i> , 2020, 56, 2178-2181.	4.1	5
20	A mitochondria-specific fluorescent probe for rapidly assessing cell viability. <i>Talanta</i> , 2021, 221, 121653.	5.5	5
21	Tumor microenvironment acidity modulates ROR1 to promote epithelial-mesenchymal transition and hepatocarcinoma metastasis. <i>Journal of Cell Science</i> , 2021, 134, .	2.0	5
22	The First FRET-Based RNA Aptamer NanoKit for Sensitively and Specifically Detecting c-di-GMP. <i>Nano Letters</i> , 2022, 22, 716-725.	9.1	5
23	Photoactive $\alpha$ -Bionic Virus Robustly Elicits the Synergy Anticancer Activity of Immunophotodynamic Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 4456-4468.	8.0	5
24	Photoactive 3D-Printed Hypertensile Metamaterials for Improving Dynamic Modeling of Stem Cells. <i>Nano Letters</i> , 2022, 22, 135-144.	9.1	5
25	A potent free fatty acid receptor 1 agonist with a glucose-dependent antihyperglycemic effect. <i>Chemical Communications</i> , 2019, 55, 8975-8978.	4.1	4
26	A glutathione-triggered precision explosive system for improving tumor chemosensitivity. <i>Nano Research</i> , 2021, 14, 2372.	10.4	4
27	Alginate functionalized biomimetic 3D scaffold improves cell culture and cryopreservation for cellular therapy. <i>International Journal of Biological Macromolecules</i> , 2022, 211, 159-169.	7.5	1
28	Bioinspired All-in-One Three-Dimensional Dynamic CellMatrix Improves the Manufacture of Therapeutically Qualified Cells for Cell Therapy. <i>Nano Letters</i> , 2022, 22, 5723-5734.	9.1	0