

# Xing-Hai Ning

## List of Publications by Citations

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45  
papers

1,589  
citations

12  
h-index

39  
g-index

52  
ext. papers

1,888  
ext. citations

10  
avg, IF

4.41  
L-index

#	Paper	IF	Citations
45	Visualizing metabolically labeled glycoconjugates of living cells by copper-free and fast Huisgen cycloadditions. <i>Angewandte Chemie - International Edition</i> , <b>2008</b> , 47, 2253-5	16.4	759
44	Protein modification by strain-promoted alkyne-nitrone cycloaddition. <i>Angewandte Chemie - International Edition</i> , <b>2010</b> , 49, 3065-8	16.4	172
43	Maltodextrin-based imaging probes detect bacteria in vivo with high sensitivity and specificity. <i>Nature Materials</i> , <b>2011</b> , 10, 602-7	27	164
42	PET imaging of bacterial infections with fluorine-18-labeled maltohexaose. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 14096-14101	16.4	86
41	Novel Gold Nanorod-Based HR1 Peptide Inhibitor for Middle East Respiratory Syndrome Coronavirus. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 19799-19807	9.5	61
40	Rapidly polymerizing injectable click hydrogel therapy to delay bone growth in a murine re-synostosis model. <i>Biomaterials</i> , <b>2014</b> , 35, 9698-708	15.6	37
39	Engineering bacterial outer membrane vesicles as transdermal nanoplatfoms for photo-TRAIL-programmed therapy against melanoma. <i>Science Advances</i> , <b>2020</b> , 6, eaba2735	14.3	33
38	Synergistic Amplification of Oxidative Stress-Mediated Antitumor Activity via Liposomal Dichloroacetic Acid and MOF-Fe. <i>Small</i> , <b>2019</b> , 15, e1901156	11	30
37	Mesenchymal Stem Cells Functionalized Sonodynamic Treatment for Improving Therapeutic Efficacy and Compliance of Orthotopic Oral Cancer. <i>Advanced Materials</i> , <b>2020</b> , 32, e2005295	24	23
36	SiRNA Crosslinked Nanoparticles for the Treatment of Inflammation-induced Liver Injury. <i>Advanced Science</i> , <b>2017</b> , 4, 1600228	13.6	18
35	An elegant nitroreductase responsive fluorescent probe for selective detection of pathogenic <i>Listeria</i> in vitro and in vivo. <i>Talanta</i> , <b>2019</b> , 198, 472-479	6.2	17
34	Intrinsically stretchable electronics with ultrahigh deformability to monitor dynamically moving organs.. <i>Science Advances</i> , <b>2022</b> , 8, eabl5511	14.3	17
33	Novel PET and Near Infrared Imaging Probes for the Specific Detection of Bacterial Infections Associated With Cardiac Devices. <i>JACC: Cardiovascular Imaging</i> , <b>2019</b> , 12, 875-886	8.4	12
32	The first integrin $\beta$ -mediated cellular and nuclear targeting therapeutics for prostate cancer. <i>Biomaterials</i> , <b>2019</b> , 223, 119471	15.6	11
31	A sensitive and fast responsive fluorescent probe for imaging hypoxic tumors. <i>Analyst</i> , <b>2018</b> , 144, 284-289	5	11
30	Highly-facile template-based selective electroless metallization of micro- and nanopatterns for plastic electronics and plasmonics. <i>Journal of Materials Chemistry C</i> , <b>2019</b> , 7, 4363-4373	7.1	11
29	Smart pH-Sensitive Nanogels for Enhancing Synergistic Anticancer Effects of Integrin $\beta$ -specific Apoptotic Peptide and Therapeutic Nitric Oxide. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 34663-34675	9.5	9

28	Ultrasound-responsive alkaline nanorobots for the treatment of lactic acidosis-mediated doxorubicin resistance. <i>Nanoscale</i> , <b>2020</b> , 12, 13801-13810	7.7	9
27	Novel Integrin $\alpha 5 \beta 1$ -Specific Ligand for the Sensitive Diagnosis of Glioblastoma. <i>Molecular Pharmaceutics</i> , <b>2019</b> , 16, 3977-3984	5.6	9
26	Bioactive multi-engineered hydrogel offers simultaneous promise against antibiotic resistance and wound damage. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 164, 4466-4474	7.9	9
25	A Novel Luminescent "Nanochip" as a Tandem Catalytic System for Chemiluminescent Detection of Sweat Glucose. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 10593-10600	7.8	8
24	On-board control of wax valve on active centrifugal microfluidic chip and its application for plasmid DNA extraction. <i>Microfluidics and Nanofluidics</i> , <b>2019</b> , 23, 1	2.8	7
23	Biomimetic Activator of Sonodynamic Ferroptosis Amplifies Inherent Peroxidation for Improving the Treatment of Breast Cancer.. <i>Small</i> , <b>2022</b> , e2106568	11	7
22	PET Imaging of Bacterial Infections with Fluorine-18-Labeled Maltohexaose. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 14320-14325	3.6	6
21	Integrin $\alpha 5 \beta 1$ -Specific Hydrocyanine for Cooperative Targeting of Glioblastoma with High Sensitivity and Specificity. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 12587-12595	7.8	5
20	A stimuli-responsive combination therapy for recovering p53-inactivation associated drug resistance. <i>Materials Science and Engineering C</i> , <b>2020</b> , 108, 110403	8.3	5
19	Nanosized Phase-Changeable "Sonocyte" for Promoting Ultrasound Assessment. <i>Small</i> , <b>2020</b> , 16, e2002950	9.5	5
18	Ab initio phase estimation at the shot noise limit with on-off measurement. <i>Quantum Information Processing</i> , <b>2019</b> , 18, 1	1.6	4
17	Controllable Subtractive Nanoimprint Lithography for Precisely Fabricating Paclitaxel-Loaded PLGA Nanocylinders to Enhance Anticancer Efficacy. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 14797-14805	9.5	4
16	Discovery and characterization of a novel peptide inhibitor against influenza neuraminidase. <i>RSC Medicinal Chemistry</i> , <b>2020</b> , 11, 148-154	3.5	4
15	A potent free fatty acid receptor 1 agonist with a glucose-dependent antihyperglycemic effect. <i>Chemical Communications</i> , <b>2019</b> , 55, 8975-8978	5.8	4
14	Stimuli-responsive combination therapy of cisplatin and Nrf2 siRNA for improving antitumor treatment of osteosarcoma. <i>Nano Research</i> , <b>2020</b> , 13, 630-637	10	3
13	An octopus-mimic PEGylated peptide as a specific integrin $\alpha 5 \beta 1$ inhibitor for preventing tumor progression. <i>Chemical Communications</i> , <b>2020</b> , 56, 2178-2181	5.8	3
12	Multistage targeted "Photoactive neutrophil" for enhancing synergistic photo-chemotherapy. <i>Biomaterials</i> , <b>2021</b> , 279, 121224	15.6	3
11	Clickable amino acid tuned self-assembly of a nucleus-selective multi-component nanoplatfrom for synergistic cancer therapy. <i>Chemical Science</i> , <b>2021</b> , 12, 8394-8400	9.4	3

10	A mitochondria-specific fluorescent probe for rapidly assessing cell viability. <i>Talanta</i> , <b>2021</b> , 221, 121653-121658	6.2	2
9	An interrelated Catalase enzyme system for sensitively monitoring sweat glucose. <i>Talanta</i> , <b>2021</b> , 235, 122799	6.2	2
8	An Adenovirus-Mimicking Photoactive Nanomachine Preferentially Invades and Destroys Cancer Cells through Hijacking Cellular Glucose Metabolism. <i>Advanced Functional Materials</i> , <b>2022</b> , 32, 2110092	15.6	2
7	A glutathione-triggered precision explosive system for improving tumor chemosensitivity. <i>Nano Research</i> , <b>2021</b> , 14, 2372	10	1
6	Tumor microenvironment acidity modulates ROR1 to promote epithelial-mesenchymal transition and hepatocarcinoma metastasis. <i>Journal of Cell Science</i> , <b>2021</b> , 134,	5.3	1
5	Solution-based fabrication of mechanically transformative materials for implantable applications. <i>Biomaterials Science</i> , <b>2021</b> , 9, 6950-6956	7.4	1
4	Designing Porous Antifouling Interfaces for High-Power Implantable Biofuel Cell. <i>Advanced Functional Materials</i> , 2107160	15.6	1
3	N-Cadherin Nanoantagonist Driven Mesenchymal-to-Epithelial Transition in Fibroblasts for Improving Reprogramming Efficiency. <i>Nano Letters</i> , <b>2021</b> , 21, 5540-5546	11.5	0
2	Identifying urotropine derivatives as co-donors of formaldehyde and nitric oxide for improving antitumor therapy. <i>Chemical Communications</i> , <b>2021</b> , 57, 7581-7584	5.8	0
1	Alginate functionalized biomimetic 3D scaffold improves cell culture and cryopreservation for cellular therapy. <i>International Journal of Biological Macromolecules</i> , <b>2022</b> , 211, 159-169	7.9	0