

Xing-Hai Ning

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Biomimetic Activator of Sonodynamic Ferroptosis Amplifies Inherent Peroxidation for Improving the Treatment of Breast Cancer.. <i>Small</i> , 2022 , e2106568	11	7
44	Intrinsically stretchable electronics with ultrahigh deformability to monitor dynamically moving organs.. <i>Science Advances</i> , 2022 , 8, eabl5511	14.3	17
43	An Adenovirus-Mimicking Photoactive Nanomachine Preferentially Invades and Destroys Cancer Cells through Hijacking Cellular Glucose Metabolism. <i>Advanced Functional Materials</i> , 2022 , 32, 2110092	15.6	2
42	Alginate functionalized biomimetic 3D scaffold improves cell culture and cryopreservation for cellular therapy.. <i>International Journal of Biological Macromolecules</i> , 2022 , 211, 159-169	7.9	0
41	Multistage targeted "Photoactive neutrophil" for enhancing synergistic photo-chemotherapy. <i>Biomaterials</i> , 2021 , 279, 121224	15.6	3
40	A glutathione-triggered precision explosive system for improving tumor chemosensitivity. <i>Nano Research</i> , 2021 , 14, 2372	10	1
39	Tumor microenvironment acidity modulates ROR1 to promote epithelial-mesenchymal transition and hepatocarcinoma metastasis. <i>Journal of Cell Science</i> , 2021 , 134,	5.3	1
38	N-Cadherin Nanoantagonist Driven Mesenchymal-to-Epithelial Transition in Fibroblasts for Improving Reprogramming Efficiency. <i>Nano Letters</i> , 2021 , 21, 5540-5546	11.5	0
37	A Novel Luminescent "Nanochip" as a Tandem Catalytic System for Chemiluminescent Detection of Sweat Glucose. <i>Analytical Chemistry</i> , 2021 , 93, 10593-10600	7.8	8
36	A mitochondria-specific fluorescent probe for rapidly assessing cell viability. <i>Talanta</i> , 2021 , 221, 121653	6.2	2
35	Solution-based fabrication of mechanically transformative materials for implantable applications. <i>Biomaterials Science</i> , 2021 , 9, 6950-6956	7.4	1
34	Identifying urotropine derivatives as co-donors of formaldehyde and nitric oxide for improving antitumor therapy. <i>Chemical Communications</i> , 2021 , 57, 7581-7584	5.8	0
33	An interrelated CataFlower enzyme system for sensitively monitoring sweat glucose. <i>Talanta</i> , 2021 , 235, 122799	6.2	2
32	Clickable amino acid tuned self-assembly of a nucleus-selective multi-component nanoplatfom for synergistic cancer therapy. <i>Chemical Science</i> , 2021 , 12, 8394-8400	9.4	3
31	Ultrasound-responsive alkaline nanorobots for the treatment of lactic acidosis-mediated doxorubicin resistance. <i>Nanoscale</i> , 2020 , 12, 13801-13810	7.7	9
30	Stimuli-responsive combination therapy of cisplatin and Nrf2 siRNA for improving antitumor treatment of osteosarcoma. <i>Nano Research</i> , 2020 , 13, 630-637	10	3
29	Controllable Subtractive Nanoimprint Lithography for Precisely Fabricating Paclitaxel-Loaded PLGA Nanocylinders to Enhance Anticancer Efficacy. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 14797-14805	9.5	4

28	Engineering bacterial outer membrane vesicles as transdermal nanoplatforms for photo-TRAIL-programmed therapy against melanoma. <i>Science Advances</i> , 2020 , 6, eaba2735	14.3	33
27	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	5.8	3
26	Discovery and characterization of a novel peptide inhibitor against influenza neuraminidase. <i>RSC Medicinal Chemistry</i> , 2020 , 11, 148-154	3.5	4
25	A stimuli-responsive combination therapy for recovering p53-inactivation associated drug resistance. <i>Materials Science and Engineering C</i> , 2020 , 108, 110403	8.3	5
24	Bioactive multi-engineered hydrogel offers simultaneous promise against antibiotic resistance and wound damage. <i>International Journal of Biological Macromolecules</i> , 2020 , 164, 4466-4474	7.9	9
23	Nanosized Phase-Changeable "Sonocyte" for Promoting Ultrasound Assessment. <i>Small</i> , 2020 , 16, e2002950		5
22	Mesenchymal Stem Cells Functionalized Sonodynamic Treatment for Improving Therapeutic Efficacy and Compliance of Orthotopic Oral Cancer. <i>Advanced Materials</i> , 2020 , 32, e2005295	24	23
21	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 & Interfaces</i> , 2019 , 11, 34663-34675	9.5	9
20	Ab initio phase estimation at the shot noise limit with on-off measurement. <i>Quantum Information Processing</i> , 2019 , 18, 1	1.6	4
19	Integrin $\alpha 5 \beta 1$ -Specific Hydrocyanine for Cooperative Targeting of Glioblastoma with High Sensitivity and Specificity. <i>Analytical Chemistry</i> , 2019 , 91, 12587-12595	7.8	5
18	On-board control of wax valve on active centrifugal microfluidic chip and its application for plasmid DNA extraction. <i>Microfluidics and Nanofluidics</i> , 2019 , 23, 1	2.8	7
17	The first integrins β -mediated cellular and nuclear targeting therapeutics for prostate cancer. <i>Biomaterials</i> , 2019 , 223, 119471	15.6	11
16	Synergistic Amplification of Oxidative Stress-Mediated Antitumor Activity via Liposomal Dichloroacetic Acid and MOF-Fe. <i>Small</i> , 2019 , 15, e1901156	11	30
15	Novel Gold Nanorod-Based HR1 Peptide Inhibitor for Middle East Respiratory Syndrome Coronavirus. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 19799-19807	9.5	61
14	Highly-facile template-based selective electroless metallization of micro- and nanopatterns for plastic electronics and plasmonics. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 4363-4373	7.1	11
13	An elegant nitroreductase responsive fluorescent probe for selective detection of pathogenic <i>Listeria</i> in vitro and in vivo. <i>Talanta</i> , 2019 , 198, 472-479	6.2	17
12	Novel Integrin $\alpha 5 \beta 1$ -Specific Ligand for the Sensitive Diagnosis of Glioblastoma. <i>Molecular Pharmaceutics</i> , 2019 , 16, 3977-3984	5.6	9
11	A potent free fatty acid receptor 1 agonist with a glucose-dependent antihyperglycemic effect. <i>Chemical Communications</i> , 2019 , 55, 8975-8978	5.8	4

10	Novel PET and Near Infrared Imaging Probes for the Specific Detection of Bacterial Infections Associated With Cardiac Devices. <i>JACC: Cardiovascular Imaging</i> , 2019 , 12, 875-886	8.4	12
9	A sensitive and fast responsive fluorescent probe for imaging hypoxic tumors. <i>Analyst, The</i> , 2018 , 144, 284-289	5	11
8	SiRNA Crosslinked Nanoparticles for the Treatment of Inflammation-induced Liver Injury. <i>Advanced Science</i> , 2017 , 4, 1600228	13.6	18
7	Rapidly polymerizing injectable click hydrogel therapy to delay bone growth in a murine re-synostosis model. <i>Biomaterials</i> , 2014 , 35, 9698-708	15.6	37
6	PET Imaging of Bacterial Infections with Fluorine-18-Labeled Maltohexaose. <i>Angewandte Chemie</i> , 2014 , 126, 14320-14325	3.6	6
5	PET imaging of bacterial infections with fluorine-18-labeled maltohexaose. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 14096-14101	16.4	86
4	Maltodextrin-based imaging probes detect bacteria in vivo with high sensitivity and specificity. <i>Nature Materials</i> , 2011 , 10, 602-7	27	164
3	Protein modification by strain-promoted alkyne-nitrone cycloaddition. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 3065-8	16.4	172
2	Visualizing metabolically labeled glycoconjugates of living cells by copper-free and fast huisgen cycloadditions. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 2253-5	16.4	759
1	Designing Porous Antifouling Interfaces for High-Power Implantable Biofuel Cell. <i>Advanced Functional Materials</i> , 2107160	15.6	1