

Hai-Yan Xie

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.

52
papers

2,120
citations

26
h-index

45
g-index

56
ext. papers

2,671
ext. citations

11.7
avg, IF

5.08
L-index

#	Paper	IF	Citations
52	Self-Activatable Photo-Extracellular Vesicle for Synergistic Trimodal Anticancer Therapy. <i>Advanced Materials</i> , 2021 , 33, e2005562	24	29
51	Membrane vesicles nanotheranostic systems: sources, engineering methods, and challenges. <i>Biomedical Materials (Bristol)</i> , 2021 , 16, 022009	3.5	3
50	Smart Tumor-Cell-Derived Microparticles Provide On-Demand Photosensitizer Synthesis and Hypoxia Relief for Photodynamic Therapy. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 25365-25371	16.4	5
49	Two-step tumor-targeting therapy via integrating metabolic lipid-engineering with in situ click chemistry. <i>Biomaterials Science</i> , 2020 , 8, 2283-2288	7.4	7
48	Single-Virus Tracking: From Imaging Methodologies to Virological Applications. <i>Chemical Reviews</i> , 2020 , 120, 1936-1979	68.1	75
47	Coordinating bioorthogonal reactions with two tumor-microenvironment-responsive nanovehicles for spatiotemporally controlled prodrug activation. <i>Chemical Science</i> , 2020 , 11, 2155-2160	9.4	11
46	Cell-Membrane-Based Biomimetic Systems with Bioorthogonal Functionalities. <i>Accounts of Chemical Research</i> , 2020 , 53, 276-287	24.3	24
45	Molecularly Engineered Macrophage-Derived Exosomes with Inflammation Tropism and Intrinsic Heme Biosynthesis for Atherosclerosis Treatment. <i>Angewandte Chemie</i> , 2020 , 132, 4097-4103	3.6	7
44	Responsive Exosome Nano-bioconjugates for Synergistic Cancer Therapy. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 2018-2022	16.4	99
43	Molecularly Engineered Macrophage-Derived Exosomes with Inflammation Tropism and Intrinsic Heme Biosynthesis for Atherosclerosis Treatment. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 4068-4074	16.4	76
42	Responsive Exosome Nano-bioconjugates for Synergistic Cancer Therapy. <i>Angewandte Chemie</i> , 2020 , 132, 2034-2038	3.6	17
41	Stable Organic Photosensitizer Nanoparticles with Absorption Peak beyond 800 Nanometers and High Reactive Oxygen Species Yield for Multimodality Phototheranostics. <i>ACS Nano</i> , 2020 , 14, 9917-9928	16.7	48
40	Viral Protein-Pseudotyped and siRNA-Electroporated Extracellular Vesicles for Cancer Immunotherapy. <i>Advanced Functional Materials</i> , 2020 , 30, 2006515	15.6	17
39	A self-driven bioinspired nanovehicle by leukocyte membrane-hitchhiking for early detection and treatment of atherosclerosis. <i>Biomaterials</i> , 2020 , 250, 119963	15.6	19
38	Engineering Magnetosomes for Ferroptosis/Immunomodulation Synergism in Cancer. <i>ACS Nano</i> , 2019 , 13, 5662-5673	16.7	137
37	Multifunctional Cellular Beacons with in Situ Synthesized Quantum Dots Make Pathogen Detectable with the Naked Eye. <i>Analytical Chemistry</i> , 2019 , 91, 7280-7287	7.8	12
36	Engineering Magnetosomes for High-Performance Cancer Vaccination. <i>ACS Central Science</i> , 2019 , 5, 796-808	8.08	42

35	Antimonene with two-orders-of-magnitude improved stability for high-performance cancer theranostics. <i>Chemical Science</i> , 2019 , 10, 4847-4853	9.4	26
34	A Biocompatible Free Radical Nanogenerator with Real-Time Monitoring Capability for High Performance Sequential Hypoxic Tumor Therapy. <i>Advanced Functional Materials</i> , 2019 , 29, 1903436	15.6	56
33	MnCaCs-Biomineralized Oncolytic Virus for Bimodal Imaging-Guided and Synergistically Enhanced Anticancer Therapy. <i>Nano Letters</i> , 2019 , 19, 8002-8009	11.5	22
32	Magnetic Nanoclusters Armed with Responsive PD-1 Antibody Synergistically Improved Adoptive T-Cell Therapy for Solid Tumors. <i>ACS Nano</i> , 2019 , 13, 1469-1478	16.7	49
31	Biomimetic Microfluidic System for Fast and Specific Detection of Circulating Tumor Cells. <i>Analytical Chemistry</i> , 2019 , 91, 15726-15731	7.8	25
30	Engineering oncolytic vaccinia virus with functional peptides through mild and universal strategy. <i>Analytical and Bioanalytical Chemistry</i> , 2019 , 411, 925-933	4.4	3
29	Green Mass Production of Pure Nanodrugs via an Ice-Template-Assisted Strategy. <i>Nano Letters</i> , 2019 , 19, 658-665	11.5	25
28	Quantum Dot Based Biotracking and Biodetection. <i>Analytical Chemistry</i> , 2019 , 91, 532-547	7.8	34
27	Colorimetric-Fluorescent-Magnetic Nanosphere-Based Multimodal Assay Platform for Salmonella Detection. <i>Analytical Chemistry</i> , 2019 , 91, 1178-1184	7.8	82
26	Labeling and Single-Particle-Tracking-Based Entry Mechanism Study of Vaccinia Virus from the Tiantan Strain. <i>Analytical Chemistry</i> , 2018 , 90, 3452-3459	7.8	7
25	Construction of a Biomimetic Magnetosome and Its Application as a SiRNA Carrier for High-Performance Anticancer Therapy. <i>Advanced Functional Materials</i> , 2018 , 28, 1703326	15.6	52
24	Amplifying Nanoparticle Targeting Performance to Tumor via Diels-Alder Cycloaddition. <i>Advanced Functional Materials</i> , 2018 , 28, 1707596	15.6	17
23	High sensitive detection method for protein by combining the magnetic separation with cation exchange based signal amplification. <i>Talanta</i> , 2017 , 168, 91-99	6.2	4
22	Integrating Two Efficient and Specific Bioorthogonal Ligation Reactions with Natural Metabolic Incorporation in One Cell for Virus Dual Labeling. <i>Analytical Chemistry</i> , 2017 , 89, 11620-11627	7.8	18
21	Biomimetic Magnetosomes as Versatile Artificial Antigen-Presenting Cells to Potentiate T-Cell-Based Anticancer Therapy. <i>ACS Nano</i> , 2017 , 11, 10724-10732	16.7	95
20	Biomimetic Immuno-Magnetosomes for High-Performance Enrichment of Circulating Tumor Cells. <i>Advanced Materials</i> , 2016 , 28, 7929-7935	24	137
19	Fluorescent/magnetic micro/nano-spheres based on quantum dots and/or magnetic nanoparticles: preparation, properties, and their applications in cancer studies. <i>Nanoscale</i> , 2016 , 8, 12406-29	7.7	80
18	Ru(II) polypyridyl complex-incorporated and folate-conjugated vehicle for cancer cell imaging and photoinduced inactivation. <i>Analyst</i> , 2016 , 141, 2948-54	5	5

17	A fast and biocompatible living virus labeling method based on sialic acid-phenylboronic acid recognition system. <i>Analytical and Bioanalytical Chemistry</i> , 2014 , 406, 2687-93	4.4	19
16	Progress on the labeling and single-particle tracking technologies of viruses. <i>Analyst, The</i> , 2014 , 139, 3336-46	5	21
15	Sensitive single-color fluorescence "off-on" switch system for dsDNA detection based on quantum dots-ruthenium assembling dyads. <i>Biosensors and Bioelectronics</i> , 2014 , 56, 51-7	11.8	27
14	Enveloped virus labeling via both intrinsic biosynthesis and metabolic incorporation of phospholipids in host cells. <i>Analytical Chemistry</i> , 2013 , 85, 5263-70	7.8	33
13	A new stable and reliable method for labeling nucleic acids of fully replicative viruses. <i>Chemical Communications</i> , 2012 , 48, 2424-6	5.8	17
12	A mild and reliable method to label enveloped virus with quantum dots by copper-free click chemistry. <i>Analytical Chemistry</i> , 2012 , 84, 8364-70	7.8	52
11	Fluorescent-magnetic dual-encoded nanospheres: a promising tool for fast-simultaneous-addressable high-throughput analysis. <i>Nanotechnology</i> , 2012 , 23, 035602	3.4	38
10	A multicomponent recognition and separation system established via fluorescent, magnetic, dualencoded multifunctional bioprobes. <i>Biomaterials</i> , 2011 , 32, 1177-84	15.6	53
9	Fluorescent quantum dot-labeled aptamer bioprobes specifically targeting mouse liver cancer cells. <i>Talanta</i> , 2010 , 81, 505-9	6.2	49
8	Living Yeast Cells as a Controllable Biosynthesizer for Fluorescent Quantum Dots. <i>Advanced Functional Materials</i> , 2009 , 19, 2359-2364	15.6	140
7	Lectin-modified trifunctional nanobiosensors for mapping cell surface glycoconjugates. <i>Biosensors and Bioelectronics</i> , 2009 , 24, 1311-7	11.8	57
6	Visual recognition and efficient isolation of apoptotic cells with fluorescent-magnetic-biotargeting multifunctional nanospheres. <i>Clinical Chemistry</i> , 2007 , 53, 2177-85	5.5	55
5	Cell-targeting multifunctional nanospheres with both fluorescence and magnetism. <i>Small</i> , 2005 , 1, 506-9	11	136
4	Preparation and characterization of overcoated II-VI quantum dots. <i>Journal of Nanoscience and Nanotechnology</i> , 2005 , 5, 880-6	1.3	51
3	Immunomodulatory hybrid bio-nanovesicle for self-promoted photodynamic therapy. <i>Nano Research</i> , 1	10	1
2	Natural killer cell-derived extracellular vesicle significantly enhanced adoptive T cell therapy against solid tumors via versatily immunomodulatory coordination. <i>Science China Chemistry</i> , 1	7.9	0
1	Phytochemical Engineered Bacterial Outer Membrane Vesicles for Photodynamic Effects Promoted Immunotherapy. <i>Nano Letters</i> ,	11.5	4