

# Haiyan Chen

## List of Publications by Year in descending order

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Version: 2024-02-01

61  
papers

2,718  
citations

172457

29  
h-index

182427

51  
g-index

62  
all docs

62  
docs citations

62  
times ranked

4751  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multifunctional Gold Nanostar Conjugates for Tumor Imaging and Combined Photothermal and Chemo-therapy. <i>Theranostics</i> , 2013, 3, 633-649.	10.0	196
2	Amphiphilic chitosan modified upconversion nanoparticles for in vivo photodynamic therapy induced by near-infrared light. <i>Journal of Materials Chemistry</i> , 2012, 22, 4861.	6.7	170
3	Naphthalimide-based fluorescent probe for selectively and specifically detecting glutathione in the lysosomes of living cells. <i>Chemical Communications</i> , 2016, 52, 721-724.	4.1	147
4	Near-infrared small molecular fluorescent dyes for photothermal therapy. <i>Chinese Chemical Letters</i> , 2019, 30, 1353-1360.	9.0	129
5	Dual targeting luminescent gold nanoclusters for tumor imaging and deep tissue therapy. <i>Biomaterials</i> , 2016, 100, 1-16.	11.4	120
6	Folate-modified gold nanoclusters as near-infrared fluorescent probes for tumor imaging and therapy. <i>Nanoscale</i> , 2012, 4, 6050.	5.6	117
7	Multifunctional near-infrared-emitting nano-conjugates based on gold clusters for tumor imaging and therapy. <i>Biomaterials</i> , 2012, 33, 8461-8476.	11.4	100
8	Versatile antimicrobial peptide-based ZnO quantum dots for in vivo bacteria diagnosis and treatment with high specificity. <i>Biomaterials</i> , 2015, 53, 532-544.	11.4	89
9	Photodynamic therapy based on organic small molecular fluorescent dyes. <i>Chinese Chemical Letters</i> , 2019, 30, 1689-1703.	9.0	89
10	Near-infrared off-on fluorescence probe activated by NTR for in vivo hypoxia imaging. <i>Biosensors and Bioelectronics</i> , 2018, 119, 141-148.	10.1	80
11	Bacteria-Targeting Conjugates Based on Antimicrobial Peptide for Bacteria Diagnosis and Therapy. <i>Molecular Pharmaceutics</i> , 2015, 12, 2505-2516.	4.6	78
12	Combined chemo- and photo-thermal therapy delivered by multifunctional theranostic gold nanorod-loaded microcapsules. <i>Nanoscale</i> , 2015, 7, 8884-8897.	5.6	75
13	Characterization of tumor-targeting Ag <sub>2</sub> S quantum dots for cancer imaging and therapy in vivo. <i>Nanoscale</i> , 2014, 6, 12580-12590.	5.6	74
14	A Telomerase-Responsive DNA Icosahedron for Precise Delivery of Platinum Nanodrugs to Cisplatin-Resistant Cancer. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 5389-5393.	13.8	73
15	Biocompatible CuS-based nanoplatfoms for efficient photothermal therapy and chemotherapy in vivo. <i>Biomaterials Science</i> , 2017, 5, 475-484.	5.4	64
16	Non-invasive Near Infrared Fluorescence Imaging of CdHgTe Quantum Dots in Mouse Model. <i>Journal of Fluorescence</i> , 2008, 18, 801-811.	2.5	58
17	The potential of biomimetic nanoparticles for tumor-targeted drug delivery. <i>Nanomedicine</i> , 2018, 13, 2099-2118.	3.3	55
18	Tubulin inhibitors: pharmacophore modeling, virtual screening and molecular docking. <i>Acta Pharmacologica Sinica</i> , 2014, 35, 967-979.	6.1	49

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19	GSH-Activated Light-Up Near-Infrared Fluorescent Probe with High Affinity to $\beta_2$ Integrin for Precise Early Tumor Identification. ACS Applied Materials & Interfaces, 2018, 10, 30994-31007.	8.0	48
20	Flavonoid VI-16 protects against DSS-induced colitis by inhibiting Txnip-dependent NLRP3 inflammasome activation in macrophages via reducing oxidative stress. Mucosal Immunology, 2019, 12, 1150-1163.	6.0	47
21	Drug loaded multilayered gold nanorods for combined photothermal and chemotherapy. Biomaterials Science, 2014, 2, 996-1006.	5.4	39
22	Design and synthesis of NQO1 responsive fluorescence probe and its application in bio-imaging for cancer diagnosis. Talanta, 2019, 198, 323-329.	5.5	36
23	Characterization of a fluorescence probe based on gold nanoclusters for cell and animal imaging. Nanotechnology, 2013, 24, 055704.	2.6	34
24	The visualization of lysosomal and mitochondrial glutathione via near-infrared fluorophore and in vivo imaging application. Sensors and Actuators B: Chemical, 2019, 290, 676-683.	7.8	34
25	Galactose as Broad Ligand for Multiple Tumor Imaging and Therapy. Journal of Cancer, 2015, 6, 658-670.	2.5	33
26	A family of push-pull bio-probes for tracking lipid droplets in living cells with the detection of heterogeneity and polarity. Analytica Chimica Acta, 2020, 1096, 166-173.	5.4	33
27	Glucosamine derivative modified nanostructured lipid carriers for targeted tumor delivery. Journal of Materials Chemistry, 2012, 22, 5770.	6.7	32
28	MUC1 Aptamer-Based Near-Infrared Fluorescence Probes for Tumor Imaging. Molecular Imaging and Biology, 2015, 17, 38-48.	2.6	32
29	A tumor-targeting probe based on a mitophagy process for live imaging. Chemical Communications, 2018, 54, 9675-9678.	4.1	32
30	Biocompatible tumor-targeting nanocomposites based on CuS for tumor imaging and photothermal therapy. RSC Advances, 2018, 8, 6013-6026.	3.6	30
31	A near-infrared fluorescent probe with large Stokes shift for visualizing and monitoring mitochondrial viscosity in live cells and inflammatory tissues. Analytica Chimica Acta, 2021, 1149, 338203.	5.4	30
32	A Near Infrared Cyanine-Based Fluorescent Probe for Highly Selectively Detecting Glutathione in Living Cells. Chinese Journal of Chemistry, 2016, 34, 594-598.	4.9	29
33	A "reactive" turn-on fluorescence probe for hypochlorous acid and its bioimaging application. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 206, 190-196.	3.9	29
34	Characterization of CdHgTe/CdS QDs for Near Infrared Fluorescence Imaging of Spinal Column in a Mouse Model. Photochemistry and Photobiology, 2011, 87, 72-81.	2.5	25
35	Thermal responsive micelles for dual tumor-targeting imaging and therapy. Nanoscale, 2013, 5, 12409.	5.6	24
36	Recent advances in <i>in situ</i> oxygen-generating and oxygen-replenishing strategies for hypoxic-enhanced photodynamic therapy. Biomaterials Science, 2021, 10, 51-84.	5.4	24

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37	Thermosensitive drug-loading system based on copper sulfide nanoparticles for combined photothermal therapy and chemotherapy in vivo. <i>Biomaterials Science</i> , 2018, 6, 3219-3230.	5.4	23
38	In vivonon-invasive optical imaging of temperature-sensitive co-polymeric nanohydrogel. <i>Nanotechnology</i> , 2008, 19, 185707.	2.6	21
39	A fluorescence onâ€“off sensor for Cu <sup>2+</sup> and its resultant complex as an offâ€“on sensor for Cr <sup>3+</sup> in aqueous media. <i>RSC Advances</i> , 2015, 5, 74629-74637.	3.6	21
40	Near-Infrared-Light-Responsive Lipid Nanoparticles as an Intelligent Drug Release System for Cancer Therapy. <i>Chemistry of Materials</i> , 2019, 31, 3948-3956.	6.7	21
41	Folate Conjugated CdHgTe Quantum Dots with High Targeting Affinity and Sensitivity for In vivo Early Tumor Diagnosis. <i>Journal of Fluorescence</i> , 2011, 21, 793-801.	2.5	20
42	Characterization of pH- and temperature-sensitive hydrogel nanoparticles for controlled drug release. <i>PDA Journal of Pharmaceutical Science and Technology</i> , 2007, 61, 303-13.	0.5	20
43	A visible and near-infrared, dual emission fluorescent probe based on thiol reactivity for selectively tracking mitochondrial glutathione in vitro. <i>Talanta</i> , 2019, 205, 120125.	5.5	19
44	Comparison of two polymeric carrier formulations for controlled release of hydrophilic and hydrophobic drugs. <i>Journal of Materials Science: Materials in Medicine</i> , 2008, 19, 651-658.	3.6	18
45	Application of Nitroimidazoleâ€“Carbobane-Modified Phenylalanine Derivatives as Dual-Target Boron Carriers in Boron Neutron Capture Therapy. <i>Molecular Pharmaceutics</i> , 2020, 17, 202-211.	4.6	18
46	A Bioresponsive Nearâ€“Infrared Fluorescent Probe for Facile and Persistent Liveâ€“Cell Tracking. <i>Small</i> , 2020, 16, e2002211.	10.0	18
47	Synthesis of biocompatible near infrared fluorescence $Ag_2S$ quantum dot and its application in bioimaging. <i>Journal of Innovative Optical Health Sciences</i> , 2014, 07, 1350059.	1.0	17
48	Light-Triggered Fluorescence Self-Reporting Nitric Oxide Release from Coumarin Analogues for Accelerating Wound Healing and Synergistic Antimicrobial Applications. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 424-435.	6.4	17
49	A Telomeraseâ€“Responsive DNA Icosahedron for Precise Delivery of Platinum Nanodrugs to Cisplatinâ€“Resistant Cancer. <i>Angewandte Chemie</i> , 2018, 130, 5487-5491.	2.0	14
50	A turn-on near-infrared fluorescent probe for detection of cysteine over glutathione and homocysteine <i>in vivo</i> . <i>Analytical Methods</i> , 2019, 11, 1857-1867.	2.7	14
51	A fast tumorâ€“targeting nearâ€“infrared fluorescent probe based on bombesin analog for <i>in vivo</i> tumor imaging. <i>Contrast Media and Molecular Imaging</i> , 2014, 9, 122-134.	0.8	13
52	Dual fluorescence nano-conjugates based on gold nanoclusters for tumor-targeting imaging. <i>RSC Advances</i> , 2014, 4, 8191-8199.	3.6	12
53	Near infrared dye loaded copper sulfide-apoferritin for tumor imaging and photothermal therapy. <i>RSC Advances</i> , 2018, 8, 14268-14279.	3.6	12
54	A new lysosome-targetable fluorescent probe for detection of endogenous hydrogen polysulfides in living cells and inflamed mouse model. <i>Biomaterials Science</i> , 2020, 8, 224-231.	5.4	12

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55	Development of photosensitizer-loaded lipid droplets for photothermal therapy based on thiophene analogs. <i>Journal of Advanced Research</i> , 2021, 28, 165-174.	9.5	12
56	A dual-targeting nanocarrier based on modified chitosan micelles for tumor imaging and therapy. <i>Polymer Chemistry</i> , 2014, 5, 4734.	3.9	11
57	In vivo Monitoring of Organ-Selective Distribution of CdHgTe/SiO <sub>2</sub> Nanoparticles in Mouse Model. <i>Journal of Fluorescence</i> , 2012, 22, 699-706.	2.5	8
58	The synthesis of UDP-selective fluorescent probe and its imaging application in living cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 262-265.	2.2	8
59	Methionine-Decorated Near Infrared Fluorescent Probe for Prolonged Tumor Imaging. <i>Molecular Pharmaceutics</i> , 2018, 15, 3167-3176.	4.6	6
60	Î <sup>2</sup> -Lactamase-Responsive Probe for Efficient Photodynamic Therapy of Drug-Resistant Bacterial Infection. <i>ACS Sensors</i> , 2022, 7, 1361-1371.	7.8	6
61	An I <sub>6</sub> P <sub>7</sub> peptide modified fluorescent probe for bio-imaging. <i>New Journal of Chemistry</i> , 2019, 43, 1785-1790.	2.8	3