Haiyan Chen

List of Publications by Year
in descending order

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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	Light-Triggered Fluorescence Self-Reporting Nitric Oxide Release from Coumarin Analogues for Accelerating Wound Healing and Synergistic Antimicrobial Applications. Journal of Medicinal Chemistry, 2022, 65, 424-435.	6.4	17
2	Î²-Lactamase-Responsive Probe for Efficient Photodynamic Therapy of Drug-Resistant Bacterial Infection. ACS Sensors, 2022, 7, 1361-1371.	7.8	6
3	Development of photosensitizer-loaded lipid droplets for photothermal therapy based on thiophene analogs. Journal of Advanced Research, 2021, 28, 165-174.	9.5	12
4	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
5	Recent advances inin situoxygen-generating and oxygen-replenishing strategies for hypoxic-enhanced photodynamic therapy. Biomaterials Science, 2021, 10, 51-84.	5.4	24
6	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
7	A new lysosome-targetable fluorescent probe for detection of endogenous hydrogen polysulfides in living cells and inflamed mouse model. Biomaterials Science, 2020, 8, 224-231.	5.4	12
8	Application of Nitroimidazoleâ€“Carbobane-Modified Phenylalanine Derivatives as Dual-Target Boron Carriers in Boron Neutron Capture Therapy. Molecular Pharmaceutics, 2020, 17, 202-211.	4.6	18
9	A Bioresponsive Nearâ€Infrared Fluorescent Probe for Facile and Persistent Liveâ€Cell Tracking. Small, 2020, 16, e2002211.	10.0	18
10	A â€œreactiveâ€•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
11	A visible and near-infrared, dual emission fluorescent probe based on thiol reactivity for selectively tracking mitochondrial glutathione in vitro. Talanta, 2019, 205, 120125.	5.5	19
12	An I₆P₇peptide modified fluorescent probe for bio-imaging. New Journal of Chemistry, 2019, 43, 1785-1790.	2.8	3
13	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
14	Near-Infrared-Light-Responsive Lipid Nanoparticles as an Intelligent Drug Release System for Cancer Therapy. Chemistry of Materials, 2019, 31, 3948-3956.	6.7	21
15	A turn-on near-infrared fluorescent probe for detection of cysteine over glutathione and homocysteine in vivo. Analytical Methods, 2019, 11, 1857-1867.	2.7	14
16	Photodynamic therapy based on organic small molecular fluorescent dyes. Chinese Chemical Letters, 2019, 30, 1689-1703.	9.0	89
17	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
18	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

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19	Near-infrared small molecular fluorescent dyes for photothermal therapy. Chinese Chemical Letters, 2019, 30, 1353-1360.	9.0	129
20	Near infrared dye loaded copper sulfide-apoferritin for tumor imaging and photothermal therapy. RSC Advances, 2018, 8, 14268-14279.	3.6	12
21	A Telomeraseâ€Responsive DNA Icosahedron for Precise Delivery of Platinum Nanodrugs to Cisplatinâ€Resistant Cancer. Angewandte Chemie, 2018, 130, 5487-5491.	2.0	14
22	Biocompatible tumor-targeting nanocomposites based on CuS for tumor imaging and photothermal therapy. RSC Advances, 2018, 8, 6013-6026.	3.6	30
23	The potential of biomimetic nanoparticles for tumor-targeted drug delivery. Nanomedicine, 2018, 13, 2099-2118.	3.3	55
24	Thermosensitive drug-loading system based on copper sulfide nanoparticles for combined photothermal therapy and chemotherapy in vivo. Biomaterials Science, 2018, 6, 3219-3230.	5.4	23
25	A Telomeraseâ€Responsive DNA Icosahedron for Precise Delivery of Platinum Nanodrugs to Cisplatinâ€Resistant Cancer. Angewandte Chemie - International Edition, 2018, 57, 5389-5393.	13.8	73
26	A tumor-targeting probe based on a mitophagy process for live imaging. Chemical Communications, 2018, 54, 9675-9678.	4.1	32
27	GSH-Activated Light-Up Near-Infrared Fluorescent Probe with High Affinity to Î±_vÎ²₃ Integrin for Precise Early Tumor Identification. ACS Applied Materials & Interfaces, 2018, 10, 30994-31007.	8.0	48
28	Near-infrared off-on fluorescence probe activated by NTR for in vivo hypoxia imaging. Biosensors and Bioelectronics, 2018, 119, 141-148.	10.1	80
29	Methionine-Decorated Near Infrared Fluorescent Probe for Prolonged Tumor Imaging. Molecular Pharmaceutics, 2018, 15, 3167-3176.	4.6	6
30	Biocompatible CuS-based nanoplatforms for efficient photothermal therapy and chemotherapy in vivo. Biomaterials Science, 2017, 5, 475-484.	5.4	64
31	Dual targeting luminescent gold nanoclusters for tumor imaging and deep tissue therapy. Biomaterials, 2016, 100, 1-16.	11.4	120
32	A Near Infrared Cyanineâ€Based Fluorescent Probe for Highly Selectively Detecting Glutathione in Living Cells. Chinese Journal of Chemistry, 2016, 34, 594-598.	4.9	29
33	Naphthalimide-based fluorescent probe for selectively and specifically detecting glutathione in the lysosomes of living cells. Chemical Communications, 2016, 52, 721-724.	4.1	147
34	Galactose as Broad Ligand for Multiple Tumor Imaging and Therapy. Journal of Cancer, 2015, 6, 658-670.	2.5	33
35	Bacteria-Targeting Conjugates Based on Antimicrobial Peptide for Bacteria Diagnosis and Therapy. Molecular Pharmaceutics, 2015, 12, 2505-2516.	4.6	78
36	Combined chemo- and photo-thermal therapy delivered by multifunctional theranostic gold nanorod-loaded microcapsules. Nanoscale, 2015, 7, 8884-8897.	5.6	75

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37	MUC1 Aptamer-Based Near-Infrared Fluorescence Probes for Tumor Imaging. Molecular Imaging and Biology, 2015, 17, 38-48.	2.6	32
38	Versatile antimicrobial peptide-based ZnO quantum dots for inÂvivo bacteria diagnosis and treatment with high specificity. Biomaterials, 2015, 53, 532-544.	11.4	89
39	A fluorescence onâ€“off sensor for Cu²⁺and its resultant complex as an offâ€“on sensor for Cr³⁺in aqueous media. RSC Advances, 2015, 5, 74629-74637.	3.6	21
40	The synthesis of UDP-selective fluorescent probe and its imaging application in living cells. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 262-265.	2.2	8
41	Synthesis of biocompatible near infrared fluorescence Ag₂S quantum dot and its application in bioimaging. Journal of Innovative Optical Health Sciences, 2014, 07, 1350059.	1.0	17
42	A fast tumorâ€targeting nearâ€infrared fluorescent probe based on bombesin analog for in vivo tumor imaging. Contrast Media and Molecular Imaging, 2014, 9, 122-134.	0.8	13
43	Dual fluorescence nano-conjugates based on gold nanoclusters for tumor-targeting imaging. RSC Advances, 2014, 4, 8191-8199.	3.6	12
44	A dual-targeting nanocarrier based on modified chitosan micelles for tumor imaging and therapy. Polymer Chemistry, 2014, 5, 4734.	3.9	11
45	Characterization of tumor-targeting Ag₂S quantum dots for cancer imaging and therapy in vivo. Nanoscale, 2014, 6, 12580-12590.	5.6	74
46	Drug loaded multilayered gold nanorods for combined photothermal and chemotherapy. Biomaterials Science, 2014, 2, 996-1006.	5.4	39
47	Tubulin inhibitors: pharmacophore modeling, virtual screening and molecular docking. Acta Pharmacologica Sinica, 2014, 35, 967-979.	6.1	49
48	Thermal responsive micelles for dual tumor-targeting imaging and therapy. Nanoscale, 2013, 5, 12409.	5.6	24
49	Characterization of a fluorescence probe based on gold nanoclusters for cell and animal imaging. Nanotechnology, 2013, 24, 055704.	2.6	34
50	Multifunctional Gold Nanostar Conjugates for Tumor Imaging and Combined Photothermal and Chemo-therapy. Theranostics, 2013, 3, 633-649.	10.0	196
51	Folate-modified gold nanoclusters as near-infrared fluorescent probes for tumor imaging and therapy. Nanoscale, 2012, 4, 6050.	5.6	117
52	Glucosamine derivative modified nanostructured lipid carriers for targeted tumor delivery. Journal of Materials Chemistry, 2012, 22, 5770.	6.7	32
53	Multifunctional near-infrared-emitting nano-conjugates based on gold clusters for tumor imaging and therapy. Biomaterials, 2012, 33, 8461-8476.	11.4	100
54	Amphiphilic chitosan modified upconversion nanoparticles for in vivo photodynamic therapy induced by near-infrared light. Journal of Materials Chemistry, 2012, 22, 4861.	6.7	170

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55	In vivo Monitoring of Organ-Selective Distribution of CdHgTe/SiO2 Nanoparticles in Mouse Model. Journal of Fluorescence, 2012, 22, 699-706.	2.5	8
56	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
57	Folate Conjugated CdHgTe Quantum Dots with High Targeting Affinity and Sensitivity for In vivo Early Tumor Diagnosis. Journal of Fluorescence, 2011, 21, 793-801.	2.5	20
58	Comparison of two polymeric carrier formulations for controlled release of hydrophilic and hydrophobic drugs. Journal of Materials Science: Materials in Medicine, 2008, 19, 651-658.	3.6	18
59	Non-invasive Near Infrared Fluorescence Imaging of CdHgTe Quantum Dots in Mouse Model. Journal of Fluorescence, 2008, 18, 801-811.	2.5	58
60	In vivonon-invasive optical imaging of temperature-sensitive co-polymeric nanohydrogel. Nanotechnology, 2008, 19, 185707.	2.6	21
61	Characterization of pH- and temperature-sensitive hydrogel nanoparticles for controlled drug release. PDA Journal of Pharmaceutical Science and Technology, 2007, 61, 303-13.	0.5	20