

Yueqing Gu

List of Publications by Year in descending order

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120
papers

5,201
citations

76326

40
h-index

95266

68
g-index

120
all docs

120
docs citations

120
times ranked

8544
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>In Vivo</i> Targeted Deep-Tissue Photodynamic Therapy Based on Near-Infrared Light Triggered Upconversion Nanoconstruct. ACS Nano, 2013, 7, 676-688.	14.6	461
2	High-Quality CuInS ₂ /ZnS Quantum Dots for In vitro and In vivo Bioimaging. Chemistry of Materials, 2012, 24, 3029-3037.	6.7	258
3	A pH-sensitive doxorubicin prodrug based on folate-conjugated BSA for tumor-targeted drug delivery. Biomaterials, 2013, 34, 3087-3097.	11.4	205
4	Multifunctional Gold Nanostar Conjugates for Tumor Imaging and Combined Photothermal and Chemo-therapy. Theranostics, 2013, 3, 633-649.	10.0	196
5	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
6	Laser-Triggered Small Interfering RNA Releasing Gold Nanoshells against Heat Shock Protein for Sensitized Photothermal Therapy. Advanced Science, 2017, 4, 1600327.	11.2	128
7	Dual targeting luminescent gold nanoclusters for tumor imaging and deep tissue therapy. Biomaterials, 2016, 100, 1-16.	11.4	120
8	Folate-modified gold nanoclusters as near-infrared fluorescent probes for tumor imaging and therapy. Nanoscale, 2012, 4, 6050.	5.6	117
9	Near-infrared light-triggered micelles for fast controlled drug release in deep tissue. Biomaterials, 2013, 34, 6272-6283.	11.4	113
10	Dual antibacterial activities of a chitosan-modified upconversion photodynamic therapy system against drug-resistant bacteria in deep tissue. Nanoscale, 2017, 9, 3912-3924.	5.6	107
11	A Telomerase-Specific Doxorubicin-Releasing Molecular Beacon for Cancer Theranostics. Angewandte Chemie - International Edition, 2016, 55, 3304-3308.	13.8	104
12	Multifunctional near-infrared-emitting nano-conjugates based on gold clusters for tumor imaging and therapy. Biomaterials, 2012, 33, 8461-8476.	11.4	100
13	The targeted behavior of thermally responsive nanohydrogel evaluated by NIR system in mouse model. Journal of Controlled Release, 2008, 131, 34-40.	9.9	95
14	Highly luminescent water-soluble quaternary Zn-Ag-In-S quantum dots for tumor cell-targeted imaging. Physical Chemistry Chemical Physics, 2013, 15, 5078.	2.8	89
15	Versatile antimicrobial peptide-based ZnO quantum dots for in vivo bacteria diagnosis and treatment with high specificity. Biomaterials, 2015, 53, 532-544.	11.4	89
16	Photodynamic Therapy Induced Enhancement of Tumor Vasculature Permeability Using an Upconversion Nanoconstruct for Improved Intratumoral Nanoparticle Delivery in Deep Tissues. Theranostics, 2016, 6, 1131-1144.	10.0	86
17	Folate-modified chitosan micelles with enhanced tumor targeting evaluated by near infrared imaging system. Carbohydrate Polymers, 2011, 86, 1118-1129.	10.2	83
18	Quantum dots based molecular beacons for in vitro and in vivo detection of MMP-2 on tumor. Biosensors and Bioelectronics, 2014, 61, 512-518.	10.1	80

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19	Bacteria-Targeting Conjugates Based on Antimicrobial Peptide for Bacteria Diagnosis and Therapy. <i>Molecular Pharmaceutics</i> , 2015, 12, 2505-2516.	4.6	78
20	Combined chemo- and photo-thermal therapy delivered by multifunctional theranostic gold nanorod-loaded microcapsules. <i>Nanoscale</i> , 2015, 7, 8884-8897.	5.6	75
21	Characterization of tumor-targeting Ag ₂ S quantum dots for cancer imaging and therapy in vivo. <i>Nanoscale</i> , 2014, 6, 12580-12590.	5.6	74
22	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
23	Targeted Cancer Therapy with a 2-Deoxyglucose-Based Adriamycin Complex. <i>Cancer Research</i> , 2013, 73, 1362-1373.	0.9	66
24	The implantable 5-fluorouracil-loaded poly(l-lactic acid) fibers prepared by wet-spinning from suspension. <i>Journal of Controlled Release</i> , 2007, 118, 325-332.	9.9	64
25	Folate-Polyethylene Glycol Conjugated Near-Infrared Fluorescence Probe with High Targeting Affinity and Sensitivity for In Vivo Early Tumor Diagnosis. <i>Molecular Imaging and Biology</i> , 2010, 12, 595-607.	2.6	63
26	Ultrasensitive and Reversible Nanoplatfrom of Urinary Exosomes for Prostate Cancer Diagnosis. <i>ACS Sensors</i> , 2019, 4, 1433-1441.	7.8	62
27	Facile Synthesis of High-Quality, Water-Soluble, Near-Infrared-Emitting PbS Quantum Dots. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 3440-3446.	2.0	60
28	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
29	Quaternary Zn-Ag-In-Se Quantum Dots for Biomedical Optical Imaging of RGD-Modified Micelles. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 10858-10865.	8.0	56
30	Forming highly fluorescent near-infrared emitting PbS quantum dots in water using glutathione as surface-modifying molecule. <i>Journal of Colloid and Interface Science</i> , 2012, 367, 234-240.	9.4	55
31	FRET-Based Upconversion Nanoprobe Sensitized by Nd ³⁺ for the Ratiometric Detection of Hydrogen Peroxide in Vivo. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 7441-7449.	8.0	52
32	GSH-Activated Light-Up Near-Infrared Fluorescent Probe with High Affinity to I χ _v I ₂ ₃ Integrin for Precise Early Tumor Identification. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 30994-31007.	8.0	48
33	808 nm-light-excited upconversion nanoprobe based on LRET for the ratiometric detection of nitric oxide in living cancer cells. <i>Nanoscale</i> , 2018, 10, 10641-10649.	5.6	46
34	Facile synthesis of high-quality water-soluble N-acetyl-l-cysteine-capped Zn χ Cd χ Se/ZnS core/shell quantum dots emitting in the violet-green spectral range. <i>Journal of Colloid and Interface Science</i> , 2010, 348, 369-376.	9.4	44
35	A paclitaxel-conjugated adenovirus vector for targeted drug delivery for tumor therapy. <i>Biomaterials</i> , 2012, 33, 146-162.	11.4	44
36	Nanomedicine engulfed by macrophages for targeted tumor therapy. <i>International Journal of Nanomedicine</i> , 2016, Volume 11, 4107-4124.	6.7	44

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37	A novel colorimetric and near-infrared fluorescent probe for hydrogen peroxide imaging in vitro and in vivo. RSC Advances, 2015, 5, 85957-85963.	3.6	43
38	Water-Solubilizing Hydrophobic ZnAgInSe/ZnS QDs with Tumor-Targeted cRGD-Sulfobetaine-PIMA-Histamine Ligands via a Self-Assembly Strategy for Bioimaging. ACS Applied Materials & Interfaces, 2017, 9, 11405-11414.	8.0	43
39	Novel Linear Peptides with High Affinity to $\alpha_5\beta_1$ Integrin for Precise Tumor Identification. Theranostics, 2017, 7, 1511-1523.	10.0	42
40	Fast clearing RGD-based near-infrared fluorescent probes for <i>in vivo</i> tumor diagnosis. Contrast Media and Molecular Imaging, 2012, 7, 390-402.	0.8	41
41	Drug loaded multilayered gold nanorods for combined photothermal and chemotherapy. Biomaterials Science, 2014, 2, 996-1006.	5.4	39
42	<i>In vivo</i> NIR imaging with PbS quantum dots entrapped in biodegradable micelles. Journal of Biomedical Materials Research - Part A, 2012, 100A, 958-968.	4.0	38
43	Platelet-Mimicking Therapeutic System for Noninvasive Mitigation of the Progression of Atherosclerotic Plaques. Advanced Science, 2021, 8, 2004128.	11.2	38
44	<i>In vivo</i> anti-tumor efficacy of docetaxel-loaded thermally responsive nanohydrogel. Nanotechnology, 2009, 20, 325102.	2.6	36
45	Gold nanoparticles based molecular beacons for in vitro and in vivo detection of the matriptase expression on tumor. Biosensors and Bioelectronics, 2013, 49, 216-221.	10.1	36
46	Characterization of a fluorescence probe based on gold nanoclusters for cell and animal imaging. Nanotechnology, 2013, 24, 055704.	2.6	34
47	Galactose as Broad Ligand for Multiple Tumor Imaging and Therapy. Journal of Cancer, 2015, 6, 658-670.	2.5	33
48	Glucosamine derivative modified nanostructured lipid carriers for targeted tumor delivery. Journal of Materials Chemistry, 2012, 22, 5770.	6.7	32
49	Comparison of near-infrared fluorescent deoxyglucose probes with different dyes for tumor diagnosis <i>in vivo</i> . Contrast Media and Molecular Imaging, 2012, 7, 289-301.	0.8	32
50	MUC1 Aptamer-Based Near-Infrared Fluorescence Probes for Tumor Imaging. Molecular Imaging and Biology, 2015, 17, 38-48.	2.6	32
51	Novel harmine derivatives for tumor targeted therapy. Oncotarget, 2015, 6, 8988-9001.	1.8	31
52	Homotypic targeting upconversion nano-reactor for cascade cancer starvation and deep-tissue phototherapy. Biomaterials, 2020, 235, 119765.	11.4	31
53	The Targeting Behavior of Folate-Nanohydrogel Evaluated by Near Infrared Imaging System in Tumor-Bearing Mouse Model. Pharmaceutical Research, 2010, 27, 46-55.	3.5	29
54	Targeting CXCR4-CXCL12 Axis for Visualizing, Predicting, and Inhibiting Breast Cancer Metastasis with Theranostic Ag ₂ S Quantum Dot Probe. Advanced Functional Materials, 2018, 28, 1800732.	14.9	29

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55	A dicyanomethylene-4H-pyran-based fluorescence probe with high selectivity and sensitivity for detecting copper (II) and its bioimaging in living cells and tissue. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 244, 118819.	3.9	29
56	Enhanced Tumor Targeting and Antitumor Efficacy via Hydroxycamptothecin-Encapsulated Folate-Modified N-Succinyl-N ² -Octyl Chitosan Micelles. <i>Journal of Pharmaceutical Sciences</i> , 2013, 102, 1318-1332.	3.3	28
57	A Nd ³⁺ sensitized upconversion nanosystem with dual photosensitizers for improving photodynamic therapy efficacy. <i>Biomaterials Science</i> , 2019, 7, 1686-1695.	5.4	28
58	An electrochemical biosensor for sensitive detection of microRNAs based on target-recycled non-enzymatic amplification. <i>Sensors and Actuators B: Chemical</i> , 2018, 271, 15-23.	7.8	27
59	Improved Targeting of Ligand-Modified Adenovirus as a New Near Infrared Fluorescence Tumor Imaging Probe. <i>Bioconjugate Chemistry</i> , 2011, 22, 567-581.	3.6	25
60	Characterization of CdHgTe/CdS QDs for Near Infrared Fluorescence Imaging of Spinal Column in a Mouse Model. <i>Photochemistry and Photobiology</i> , 2011, 87, 72-81.	2.5	25
61	Two-Phase Approach to High-Quality, Oil-Soluble, Near-Infrared-Emitting PbS Quantum Dots by Using Various Water-Soluble Anion Precursors. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 2422-2432.	2.0	25
62	A Novel Theranostic Nanoprobe for In Vivo Singlet Oxygen Detection and Real-Time Dose-Effect Relationship Monitoring in Photodynamic Therapy. <i>Small</i> , 2019, 15, e1902185.	10.0	25
63	Nitroso-caged upconversion luminescent prodrug: Near infrared light-activatable NO nano-donor for gas therapy. <i>Chemical Engineering Journal</i> , 2022, 430, 132858.	12.7	25
64	Thermal responsive micelles for dual tumor-targeting imaging and therapy. <i>Nanoscale</i> , 2013, 5, 12409.	5.6	24
65	Pharmacophore Modeling and Virtual Screening for the Discovery of New type 4 cAMP Phosphodiesterase (PDE4) Inhibitors. <i>PLoS ONE</i> , 2013, 8, e82360.	2.5	24
66	Versatile Self-Assembly of Water-Soluble Thiol-Capped CdTe Quantum Dots: External Destabilization and Internal Stability of Colloidal QDs. <i>Langmuir</i> , 2013, 29, 10907-10914.	3.5	23
67	Rational design of a novel mitochondrial-targeted near-infrared fluorescent pH probe for imaging in living cells and in vivo. <i>RSC Advances</i> , 2016, 6, 95708-95714.	3.6	23
68	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
69	An innovative peptide with high affinity to GPC3 for hepatocellular carcinoma diagnosis. <i>Biomaterials Science</i> , 2019, 7, 159-167.	5.4	22
70	In vivo non-invasive optical imaging of temperature-sensitive co-polymeric nanohydrogel. <i>Nanotechnology</i> , 2008, 19, 185707.	2.6	21
71	Synthesis of a Novel I-Methyl-Methionine-ICG-Der-02 Fluorescent Probe for In Vivo Near Infrared Imaging of Tumors. <i>Molecular Imaging and Biology</i> , 2012, 14, 699-707.	2.6	21
72	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

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73	Ferrocene-labeled and purification-free electrochemical biosensor based on ligase chain reaction for ultrasensitive single nucleotide polymorphism detection. <i>Analytica Chimica Acta</i> , 2020, 1109, 9-18.	5.4	20
74	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
75	A novel peptide targeting gastrin releasing peptide receptor for pancreatic neoplasm detection. <i>Biomaterials Science</i> , 2020, 8, 2682-2693.	5.4	19
76	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
77	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
78	Colorimetric detection of cholic acid based on an aptamer adsorbed gold nanoprobe. <i>RSC Advances</i> , 2017, 7, 19250-19256.	3.6	16
79	A novel therapeutic vaccine composed of a rearranged human papillomavirus type 16 E6/E7 fusion protein and Fms-like tyrosine kinase-3 ligand induces CD8+ T cell responses and antitumor effect. <i>Vaccine</i> , 2017, 35, 6459-6467.	3.8	15
80	Conjugates of TAT and folate with DOX-loaded chitosan micelles offer effective intracellular delivery ability. <i>Pharmaceutical Development and Technology</i> , 2019, 24, 253-261.	2.4	15
81	NONINVASIVE OPTICAL IMAGING OF STAPHYLOCOCCUS AUREUS INFECTION IN VIVO USING AN ANTIMICROBIAL PEPTIDE FRAGMENT BASED NEAR-INFRARED FLUORESCENT PROBES. <i>Journal of Innovative Optical Health Sciences</i> , 2013, 06, 1350026.	1.0	14
82	A Telomerase-Specific Doxorubicin-Releasing Molecular Beacon for Cancer Theranostics. <i>Angewandte Chemie</i> , 2016, 128, 3365-3369.	2.0	14
83	A Telomerase-Responsive DNA Icosahedron for Precise Delivery of Platinum Nanodrugs to Cisplatin-Resistant Cancer. <i>Angewandte Chemie</i> , 2018, 130, 5487-5491.	2.0	14
84	AT1R-Specific Ligand Angiotensin II as a Novel SPECT Agent for Hepatocellular Carcinoma Diagnosis. <i>ACS Sensors</i> , 2020, 5, 4072-4080.	7.8	14
85	Multi-small molecule conjugations as new targeted delivery carriers for tumor therapy. <i>International Journal of Nanomedicine</i> , 2015, 10, 5571.	6.7	13
86	A novel near-infrared fluorescent probe for monitoring cyclooxygenase-2 in inflammation and tumor. <i>Journal of Biophotonics</i> , 2018, 11, e201700339.	2.3	13
87	A FRET-based upconversion nanoprobe assembled with an electrochromic chromophore for sensitive detection of hydrogen sulfide <i>in vitro</i> and <i>in vivo</i> . <i>Nanoscale</i> , 2020, 12, 17517-17529.	5.6	13
88	Dual fluorescence nano-conjugates based on gold nanoclusters for tumor-targeting imaging. <i>RSC Advances</i> , 2014, 4, 8191-8199.	3.6	12
89	Ligase chain reaction-based electrochemical biosensor for the ultrasensitive and specific detection of single nucleotide polymorphisms. <i>New Journal of Chemistry</i> , 2019, 43, 14327-14335.	2.8	12
90	Detection of colorectal cancer using a small molecular fluorescent probe targeted against c-Met. <i>Talanta</i> , 2021, 226, 122128.	5.5	12

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91	Optimization of the Near-Infrared Fluorescence Labeling for In Vivo Monitoring of a Protein Drug Distribution in Animal Model. <i>Journal of Fluorescence</i> , 2009, 19, 277-284.	2.5	11
92	Comparison of Two Strategies for the Synthesis of Upconverting Nanoparticles as Biological labels. <i>Journal of Physics: Conference Series</i> , 2011, 277, 012006.	0.4	11
93	Cypateâ€mediated thermosensitive nanoliposome for tumor imaging and photothermal triggered drug release. <i>Journal of Biophotonics</i> , 2017, 10, 1607-1616.	2.3	11
94	Membrane Feature-Inspired Profiling of Extracellular Vesicles for Pancreatic Cancer Diagnosis. <i>Analytical Chemistry</i> , 2021, 93, 9860-9868.	6.5	11
95	Controlled transformation of aqueous CdTe quantum dots â† Te-rich CdTe nanorods â† second CdTe QDs. <i>RSC Advances</i> , 2012, 2, 11993.	3.6	10
96	Folateâ€conjugated thermoâ€responsive micelles for tumor targeting. <i>Journal of Biomedical Materials Research - Part A</i> , 2012, 100A, 3134-3142.	4.0	10
97	Highly specific real-time quantification of diverse microRNAs in human samples using universal primer set frame. <i>Analytical Biochemistry</i> , 2018, 543, 71-78.	2.4	10
98	GRPR-targeted SPECT imaging using a novel bombesin-based peptide for colorectal cancer detection. <i>Biomaterials Science</i> , 2020, 8, 6764-6772.	5.4	10
99	A renewable DNA biosensor for sensitive detection of DNA methyltransferase activity based on cascade signal amplification. <i>Sensors and Actuators B: Chemical</i> , 2020, 313, 128029.	7.8	10
100	Sensitive and specific detection of microRNAs based on two-stage amplification reaction using molecular beacons as turn-on probes. <i>Talanta</i> , 2018, 179, 685-692.	5.5	9
101	Enzyme-free isothermal target-recycled amplification combined with PAGE for direct detection of microRNA-21. <i>Analytical Biochemistry</i> , 2018, 550, 117-122.	2.4	9
102	In vivo Monitoring of Organ-Selective Distribution of CdHgTe/SiO ₂ Nanoparticles in Mouse Model. <i>Journal of Fluorescence</i> , 2012, 22, 699-706.	2.5	8
103	Four strategies for water transfer of oil-soluble near-infrared-emitting PbS quantum dots. <i>Journal of Materials Science: Materials in Medicine</i> , 2012, 23, 723-732.	3.6	8
104	Highly specific real-time qualification of diverse microRNAs in tissue and serum using universal molecular beacon. <i>Sensors and Actuators B: Chemical</i> , 2018, 262, 153-161.	7.8	8
105	CXCR4â€Enriched Nanoâ€Trap Targeting CXCL12 in Lung for Early Prevention and Enhanced Photodynamic Therapy of Breast Cancer Metastasis. <i>Advanced Functional Materials</i> , 2019, 29, 1905480.	14.9	8
106	The improved targeting of an aspirin prodrug albumin-based nanosystem for visualizing and inhibiting lung metastasis of breast cancer. <i>Biomaterials Science</i> , 2020, 8, 5941-5954.	5.4	8
107	Endonuclease-assisted hydrogel bead array for digital analysis of circulating tumor DNA methylation. <i>Sensors and Actuators B: Chemical</i> , 2020, 304, 127381.	7.8	7
108	An innovative fluorescent probe targeting IGF1R for breast cancer diagnosis. <i>European Journal of Medicinal Chemistry</i> , 2021, 219, 113440.	5.5	5

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109	In vivo assessing colitis severity by topical administration of fluorescent probe against neutrophils. Talanta, 2021, 233, 122519.	5.5	5
110	Macrophage as cellular vehicles for delivery of nanoparticles. Journal of Innovative Optical Health Sciences, 2014, 07, 1450023.	1.0	4
111	SPECT Imaging of Hepatocellular Carcinoma Detection by the GPC3 Receptor. Molecular Pharmaceutics, 2021, 18, 2082-2090.	4.6	4
112	A novel peptide targeting c-Met for hepatocellular carcinoma diagnosis. Journal of Materials Chemistry B, 2021, 9, 4577-4586.	5.8	4
113	Based on lapatinib innovative near-infrared fluorescent probes targeting HER1/HER2 for in vivo tumors imaging. Biosensors and Bioelectronics, 2022, 214, 114503.	10.1	3
114	Ratiometric Reactive Oxygen Species Nanoprobe for Noninvasive & In Vivo Imaging of Subcutaneous Inflammation/Infection. Journal of Biomedical Nanotechnology, 2016, 12, 1679-1687.	1.1	2
115	Multi-modal imaging probe for EpCAM overexpressed in breast cancer. Talanta, 2022, 250, 123715.	5.5	2
116	Dynamic properties of different kinds of nanoparticles in mouse model after intravenous administration. Proceedings of SPIE, 2009, , .	0.8	1
117	A frog-derived bionic peptide with discriminative inhibition of tumors based on integrin $\alpha_5\beta_1$ identification. Biomaterials Science, 2020, 8, 5920-5930.	5.4	1
118	In vivo tumor imaging in mice with near-infrared: low density lipoprotein conjugates. Proceedings of SPIE, 2009, , .	0.8	0
119	In vivo monitoring of organ-selective distribution of CdHgTe/SiO ₂ nanoparticles in mouse model. Proceedings of SPIE, 2011, , .	0.8	0
120	Preparation of multifunctional upconversion nanoconstruct for in vitro and in vivo imaging and photodynamic therapy induced by near-infrared light. Proceedings of SPIE, 2014, , .	0.8	0