Yueqing Gu

List of Publications by Year
in descending order

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120 papers	5,201 citations	76196 40 h-index	95083 68 g-index
120 all docs	120 docs citations	120 times ranked	8544 citing authors

#	Article	IF	Citations
1	Nitroso-caged upconversion luminescent prodrug: Near infrared light-activatable NO nano-donor for gas therapy. Chemical Engineering Journal, 2022, 430, 132858.	6.6	25
2	Based on lapatinib innovative near-infrared fluorescent probes targeting HER1/HER2 for in vivo tumors imaging. Biosensors and Bioelectronics, 2022, 214, 114503.	5.3	3
3	Multi-modal imaging probe for EpCAM overexpressed in breast cancer. Talanta, 2022, 250, 123715.	2.9	2
4	A dicyanomethylene-4H-pyran-based fluorescence probe with high selectivity and sensitivity for detecting copper (II) and its bioimaging in living cells and tissue. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 244, 118819.	2.0	29
5	Plateletâ€Mimicking Therapeutic System for Noninvasive Mitigation of the Progression of Atherosclerotic Plaques. Advanced Science, 2021, 8, 2004128.	5.6	38
6	SPECT Imaging of Hepatocellular Carcinoma Detection by the GPC3 Receptor. Molecular Pharmaceutics, 2021, 18, 2082-2090.	2.3	4
7	Detection of colorectal cancer using a small molecular fluorescent probe targeted against c-Met. Talanta, 2021, 226, 122128.	2.9	12
8	An innovative fluorescent probe targeting IGF1R for breast cancer diagnosis. European Journal of Medicinal Chemistry, 2021, 219, 113440.	2.6	5
9	Membrane Feature-Inspired Profiling of Extracellular Vesicles for Pancreatic Cancer Diagnosis. Analytical Chemistry, 2021, 93, 9860-9868.	3.2	11
10	In vivo assessing colitis severity by topical administration of fluorescent probe against neutrophils. Talanta, 2021, 233, 122519.	2.9	5
11	A novel peptide targeting c-Met for hepatocellular carcinoma diagnosis. Journal of Materials Chemistry B, 2021, 9, 4577-4586.	2.9	4
12	Endonuclease-assisted hydrogel bead array for digital analysis of circulating tumor DNA methylation. Sensors and Actuators B: Chemical, 2020, 304, 127381.	4.0	7
13	AT1R-Specific Ligand Angiotensin II as a Novel SPECT Agent for Hepatocellular Carcinoma Diagnosis. ACS Sensors, 2020, 5, 4072-4080.	4.0	14
14	A FRET-based upconversion nanoprobe assembled with an electrochromic chromophore for sensitive detection of hydrogen sulfide in vitro and in vivo. Nanoscale, 2020, 12, 17517-17529.	2.8	13
15	GRPR-targeted SPECT imaging using a novel bombesin-based peptide for colorectal cancer detection. Biomaterials Science, 2020, 8, 6764-6772.	2.6	10
16	The improved targeting of an aspirin prodrug albumin-based nanosystem for visualizing and inhibiting lung metastasis of breast cancer. Biomaterials Science, 2020, 8, 5941-5954.	2.6	8
17	A frog-derived bionic peptide with discriminative inhibition of tumors based on integrin Î±vÎ²3 identification. Biomaterials Science, 2020, 8, 5920-5930.	2.6	1
18	Ferrocene-labeled and purification-free electrochemical biosensor based on ligase chain reaction for ultrasensitive single nucleotide polymorphism detection. Analytica Chimica Acta, 2020, 1109, 9-18.	2.6	20

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19	Homotypic targeting upconversion nano-reactor for cascade cancer starvation and deep-tissue phototherapy. Biomaterials, 2020, 235, 119765.	5.7	31
20	A renewable DNA biosensor for sensitive detection of DNA methyltransferase activity based on cascade signal amplification. Sensors and Actuators B: Chemical, 2020, 313, 128029.	4.0	10
21	A novel peptide targeting gastrin releasing peptide receptor for pancreatic neoplasm detection. Biomaterials Science, 2020, 8, 2682-2693.	2.6	19
22	A Novel Theranostic Nanoprobe for In Vivo Singlet Oxygen Detection and Realâ€Time Doseâ€“Effect Relationship Monitoring in Photodynamic Therapy. Small, 2019, 15, e1902185.	5.2	25
23	Ligase chain reaction-based electrochemical biosensor for the ultrasensitive and specific detection of single nucleotide polymorphisms. New Journal of Chemistry, 2019, 43, 14327-14335.	1.4	12
24	CXCR4â€Enriched Nanoâ€Trap Targeting CXCL12 in Lung for Early Prevention and Enhanced Photodynamic Therapy of Breast Cancer Metastasis. Advanced Functional Materials, 2019, 29, 1905480.	7.8	8
25	An innovative peptide with high affinity to GPC3 for hepatocellular carcinoma diagnosis. Biomaterials Science, 2019, 7, 159-167.	2.6	22
26	FRET-Based Upconversion Nanoprobe Sensitized by Nd³⁺ for the Ratiometric Detection of Hydrogen Peroxide in Vivo. ACS Applied Materials & Interfaces, 2019, 11, 7441-7449.	4.0	52
27	Ultrasensitive and Reversible Nanoplatform of Urinary Exosomes for Prostate Cancer Diagnosis. ACS Sensors, 2019, 4, 1433-1441.	4.0	62
28	A Nd³⁺ sensitized upconversion nanosystem with dual photosensitizers for improving photodynamic therapy efficacy. Biomaterials Science, 2019, 7, 1686-1695.	2.6	28
29	Conjugates of TAT and folate with DOX-loaded chitosan micelles offer effective intracellular delivery ability. Pharmaceutical Development and Technology, 2019, 24, 253-261.	1.1	15
30	A Telomeraseâ€Responsive DNA Icosahedron for Precise Delivery of Platinum Nanodrugs to Cisplatinâ€Resistant Cancer. Angewandte Chemie, 2018, 130, 5487-5491.	1.6	14
31	Highly specific real-time qualification of diverse microRNAs in tissue and serum using universal molecular beacon. Sensors and Actuators B: Chemical, 2018, 262, 153-161.	4.0	8
32	A novel nearâ€infrared fluorescent probe for monitoring cyclooxygenaseâ€2 in inflammation and tumor. Journal of Biophotonics, 2018, 11, e201700339.	1.1	13
33	Sensitive and specific detection of microRNAs based on two-stage amplification reaction using molecular beacons as turn-on probes. Talanta, 2018, 179, 685-692.	2.9	9
34	Enzyme-free isothermal target-recycled amplification combined with PAGE for direct detection of microRNA-21. Analytical Biochemistry, 2018, 550, 117-122.	1.1	9
35	Highly specific real-time quantification of diverse microRNAs in human samples using universal primer set frame. Analytical Biochemistry, 2018, 543, 71-78.	1.1	10
36	Thermosensitive drug-loading system based on copper sulfide nanoparticles for combined photothermal therapy and chemotherapy in vivo. Biomaterials Science, 2018, 6, 3219-3230.	2.6	23

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37	An electrochemical biosensor for sensitive detection of microRNAs based on target-recycled non-enzymatic amplification. Sensors and Actuators B: Chemical, 2018, 271, 15-23.	4.0	27
38	808 nm-light-excited upconversion nanoprobe based on LRET for the ratiometric detection of nitric oxide in living cancer cells. Nanoscale, 2018, 10, 10641-10649.	2.8	46
39	A Telomeraseâ€Responsive DNA Icosahedron for Precise Delivery of Platinum Nanodrugs to Cisplatinâ€Resistant Cancer. Angewandte Chemie - International Edition, 2018, 57, 5389-5393.	7.2	73
40	Targeting CXCR4â€“CXCL12 Axis for Visualizing, Predicting, and Inhibiting Breast Cancer Metastasis with Theranostic AMD3100â€“Ag₂S Quantum Dot Probe. Advanced Functional Materials, 2018, 28, 1800732.	7.8	29
41	GSH-Activated Light-Up Near-Infrared Fluorescent Probe with High Affinity to Îµ_vÎ²₃ Integrin for Precise Early Tumor Identification. ACS Applied Materials & Interfaces, 2018, 10, 30994-31007.	4.0	48
42	Cypateâ€mediated thermosensitive nanoliposome for tumor imaging and photothermal triggered drug release. Journal of Biophotonics, 2017, 10, 1607-1616.	1.1	11
43	Dual antibacterial activities of a chitosan-modified upconversion photodynamic therapy system against drug-resistant bacteria in deep tissue. Nanoscale, 2017, 9, 3912-3924.	2.8	107
44	Colorimetric detection of cholic acid based on an aptamer adsorbed gold nanoprobe. RSC Advances, 2017, 7, 19250-19256.	1.7	16
45	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.	4.0	43
46	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. Vaccine, 2017, 35, 6459-6467.	1.7	15
47	Laserâ€Triggered Small Interfering RNA Releasing Gold Nanoshells against Heat Shock Protein for Sensitized Photothermal Therapy. Advanced Science, 2017, 4, 1600327.	5.6	128
48	Novel Linear Peptides with High Affinity to Îµvβ3 Integrin for Precise Tumor Identification. Theranostics, 2017, 7, 1511-1523.	4.6	42
49	Nanomedicine engulfed by macrophages for targeted tumor therapy. International Journal of Nanomedicine, 2016, Volume 11, 4107-4124.	3.3	44
50	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.	4.6	86
51	Dual targeting luminescent gold nanoclusters for tumor imaging and deep tissue therapy. Biomaterials, 2016, 100, 1-16.	5.7	120
52	Rational design of a novel mitochondrial-targeted near-infrared fluorescent pH probe for imaging in living cells and in vivo. RSC Advances, 2016, 6, 95708-95714.	1.7	23
53	Ratiometric Reactive Oxygen Species Nanoprobe for Noninvasive <I>In Vivo</I> Imaging of Subcutaneous Inflammation/Infection. Journal of Biomedical Nanotechnology, 2016, 12, 1679-1687.	0.5	2
54	A Telomeraseâ€Specific Doxorubicinâ€Releasing Molecular Beacon for Cancer Theranostics. Angewandte Chemie - International Edition, 2016, 55, 3304-3308.	7.2	104

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55	A Telomeraseâ€Specific Doxorubicinâ€Releasing Molecular Beacon for Cancer Theranostics. Angewandte Chemie, 2016, 128, 3365-3369.	1.6	14
56	Novel harmine derivatives for tumor targeted therapy. Oncotarget, 2015, 6, 8988-9001.	0.8	31
57	Galactose as Broad Ligand for Multiple Tumor Imaging and Therapy. Journal of Cancer, 2015, 6, 658-670.	1.2	33
58	Multi-small molecule conjugations as new targeted delivery carriers for tumor therapy. International Journal of Nanomedicine, 2015, 10, 5571.	3.3	13
59	Bacteria-Targeting Conjugates Based on Antimicrobial Peptide for Bacteria Diagnosis and Therapy. Molecular Pharmaceutics, 2015, 12, 2505-2516.	2.3	78
60	Combined chemo- and photo-thermal therapy delivered by multifunctional theranostic gold nanorod-loaded microcapsules. Nanoscale, 2015, 7, 8884-8897.	2.8	75
61	MUC1 Aptamer-Based Near-Infrared Fluorescence Probes for Tumor Imaging. Molecular Imaging and Biology, 2015, 17, 38-48.	1.3	32
62	Versatile antimicrobial peptide-based ZnO quantum dots for inÂvivo bacteria diagnosis and treatment with high specificity. Biomaterials, 2015, 53, 532-544.	5.7	89
63	A novel colorimetric and near-infrared fluorescent probe for hydrogen peroxide imaging in vitro and in vivo. RSC Advances, 2015, 5, 85957-85963.	1.7	43
64	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
65	Macrophage as cellular vehicles for delivery of nanoparticles. Journal of Innovative Optical Health Sciences, 2014, 07, 1450023.	0.5	4
66	Synthesis of biocompatible near infrared fluorescence Ag₂S quantum dot and its application in bioimaging. Journal of Innovative Optical Health Sciences, 2014, 07, 1350059.	0.5	17
67	Dual fluorescence nano-conjugates based on gold nanoclusters for tumor-targeting imaging. RSC Advances, 2014, 4, 8191-8199.	1.7	12
68	Characterization of tumor-targeting Ag₂S quantum dots for cancer imaging and therapy in vivo. Nanoscale, 2014, 6, 12580-12590.	2.8	74
69	Drug loaded multilayered gold nanorods for combined photothermal and chemotherapy. Biomaterials Science, 2014, 2, 996-1006.	2.6	39
70	Quantum dots based molecular beacons for in vitro and in vivo detection of MMP-2 on tumor. Biosensors and Bioelectronics, 2014, 61, 512-518.	5.3	80
71	Versatile Self-Assembly of Water-Soluble Thiol-Capped CdTe Quantum Dots: External Destabilization and Internal Stability of Colloidal QDs. Langmuir, 2013, 29, 10907-10914.	1.6	23
72	Quaternary Znâ€“Agâ€“Inâ€“Se Quantum Dots for Biomedical Optical Imaging of RGD-Modified Micelles. ACS Applied Materials & Interfaces, 2013, 5, 10858-10865.	4.0	56

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73	Enhanced Tumor Targeting and Antitumor Efficacy via Hydroxycamptothecin-Encapsulated Folate-Modified N-Succinyl-Nâ€²-Octyl Chitosan Micelles. Journal of Pharmaceutical Sciences, 2013, 102, 1318-1332.	1.6	28
74	Thermal responsive micelles for dual tumor-targeting imaging and therapy. Nanoscale, 2013, 5, 12409.	2.8	24
75	In Vivo Targeted Deep-Tissue Photodynamic Therapy Based on Near-Infrared Light Triggered Upconversion Nanoconstruct. ACS Nano, 2013, 7, 676-688.	7.3	461
76	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.	5.3	36
77	Highly luminescent water-soluble quaternary Znâ€“Agâ€“Inâ€“S quantum dots for tumor cell-targeted imaging. Physical Chemistry Chemical Physics, 2013, 15, 5078.	1.3	89
78	A pH-sensitive doxorubicin prodrug based on folate-conjugated BSA for tumor-targeted drug delivery. Biomaterials, 2013, 34, 3087-3097.	5.7	205
79	Characterization of a fluorescence probe based on gold nanoclusters for cell and animal imaging. Nanotechnology, 2013, 24, 055704.	1.3	34
80	Near-infrared light-triggered micelles for fast controlled drug release in deep tissue. Biomaterials, 2013, 34, 6272-6283.	5.7	113
81	Targeted Cancer Therapy with a 2-Deoxyglucoseâ€“Based Adriamycin Complex. Cancer Research, 2013, 73, 1362-1373.	0.4	66
82	Multifunctional Gold Nanostar Conjugates for Tumor Imaging and Combined Photothermal and Chemo-therapy. Theranostics, 2013, 3, 633-649.	4.6	196
83	NONINVASIVE OPTICAL IMAGING OF STAPHYLOCOCCUS AUREUS INFECTION IN VIVO USING AN ANTIMICROBIAL PEPTIDE FRAGMENT BASED NEAR-INFRARED FLUORESCENT PROBES. Journal of Innovative Optical Health Sciences, 2013, 06, 1350026.	0.5	14
84	Pharmacophore Modeling and Virtual Screening for the Discovery of New type 4 cAMP Phosphodiesterase (PDE4) Inhibitors. PLoS ONE, 2013, 8, e82360.	1.1	24
85	Folate-modified gold nanoclusters as near-infrared fluorescent probes for tumor imaging and therapy. Nanoscale, 2012, 4, 6050.	2.8	117
86	Synthesis of a Novel l-Methyl-Methionineâ€“ICG-Der-02 Fluorescent Probe for In Vivo Near Infrared Imaging of Tumors. Molecular Imaging and Biology, 2012, 14, 699-707.	1.3	21
87	Controlled transformation of aqueous CdTe quantum dots â† Te-rich CdTe nanorods â† second CdTe QDs. RSC Advances, 2012, 2, 11993.	1.7	10
88	Glucosamine derivative modified nanostructured lipid carriers for targeted tumor delivery. Journal of Materials Chemistry, 2012, 22, 5770.	6.7	32
89	Multifunctional near-infrared-emitting nano-conjugates based on gold clusters for tumor imaging and therapy. Biomaterials, 2012, 33, 8461-8476.	5.7	100
90	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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91	High-Quality CuInS₂/ZnS Quantum Dots for In vitro and In vivo Bioimaging. Chemistry of Materials, 2012, 24, 3029-3037.	3.2	258
92	Folateâ€conjugated thermoâ€responsive micelles for tumor targeting. Journal of Biomedical Materials Research - Part A, 2012, 100A, 3134-3142.	2.1	10
93	Fast clearing RGDâ€based nearâ€infrared fluorescent probes for in vivo tumor diagnosis. Contrast Media and Molecular Imaging, 2012, 7, 390-402.	0.4	41
94	Comparison of nearâ€infrared fluorescent deoxyglucose probes with different dyes for tumor diagnosis in vivo. Contrast Media and Molecular Imaging, 2012, 7, 289-301.	0.4	32
95	In vivo Monitoring of Organ-Selective Distribution of CdHgTe/SiO2 Nanoparticles in Mouse Model. Journal of Fluorescence, 2012, 22, 699-706.	1.3	8
96	Forming highly fluorescent near-infrared emitting PbS quantum dots in water using glutathione as surface-modifying molecule. Journal of Colloid and Interface Science, 2012, 367, 234-240.	5.0	55
97	A paclitaxel-conjugated adenovirus vector for targeted drug delivery for tumor therapy. Biomaterials, 2012, 33, 146-162.	5.7	44
98	In vivo NIR imaging with PbS quantum dots entrapped in biodegradable micelles. Journal of Biomedical Materials Research - Part A, 2012, 100A, 958-968.	2.1	38
99	Four strategies for water transfer of oil-soluble near-infrared-emitting PbS quantum dots. Journal of Materials Science: Materials in Medicine, 2012, 23, 723-732.	1.7	8
100	Improved Targeting of Ligand-Modified Adenovirus as a New Near Infrared Fluorescence Tumor Imaging Probe. Bioconjugate Chemistry, 2011, 22, 567-581.	1.8	25
101	In vivo monitoring of organ-selective distribution of CdHgTe/SiO 2 nanoparticles in mouse model. Proceedings of SPIE, 2011, , .	0.8	0
102	Characterization of CdHgTe/CdS QDs for Near Infrared Fluorescence Imaging of Spinal Column in a Mouse Model. Photochemistry and Photobiology, 2011, 87, 72-81.	1.3	25
103	Folate Conjugated CdHgTe Quantum Dots with High Targeting Affinity and Sensitivity for In vivo Early Tumor Diagnosis. Journal of Fluorescence, 2011, 21, 793-801.	1.3	20
104	Folate-modified chitosan micelles with enhanced tumor targeting evaluated by near infrared imaging system. Carbohydrate Polymers, 2011, 86, 1118-1129.	5.1	83
105	Two-Phase Approach to High-Quality, Oil-Soluble, Near-Infrared-Emitting PbS Quantum Dots by Using Various Water-Soluble Anion Precursors. European Journal of Inorganic Chemistry, 2011, 2011, 2422-2432.	1.0	25
106	Comparison of Two Strategies for the Synthesis of Upconverting Nanoparticles as Biological labels. Journal of Physics: Conference Series, 2011, 277, 012006.	0.3	11
107	Folate-Polyethylene Glycol Conjugated Near-Infrared Fluorescence Probe with High Targeting Affinity and Sensitivity for In Vivo Early Tumor Diagnosis. Molecular Imaging and Biology, 2010, 12, 595-607.	1.3	63
108	The Targeting Behavior of Folate-Nanohydrogel Evaluated by Near Infrared Imaging System in Tumor-Bearing Mouse Model. Pharmaceutical Research, 2010, 27, 46-55.	1.7	29

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109	Facile synthesis of high-quality water-soluble N-acetyl-l-cysteine-capped Zn1â^'xCdxSe/ZnS core/shell quantum dots emitting in the violetâ€“green spectral range. Journal of Colloid and Interface Science, 2010, 348, 369-376.	5.0	44
110	In vivoanti-tumor efficacy of docetaxel-loaded thermally responsive nanohydrogel. Nanotechnology, 2009, 20, 325102.	1.3	36
111	Facile Synthesis of High-Quality, Water-Soluble, Near-Infrared-Emitting PbS Quantum Dots. European Journal of Inorganic Chemistry, 2009, 2009, 3440-3446.	1.0	60
112	Optimization of the Near-Infrared Fluorescence Labeling for In Vivo Monitoring of a Protein Drug Distribution in Animal Model. Journal of Fluorescence, 2009, 19, 277-284.	1.3	11
113	Dynamic properties of different kinds of nanoparticles in mouse model after intravenous administration. Proceedings of SPIE, 2009, , .	0.8	1
114	In vivo tumor imaging in mice with near-infrared: low density lipoprotein conjugates. Proceedings of SPIE, 2009, , .	0.8	0
115	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.	1.7	18
116	Non-invasive Near Infrared Fluorescence Imaging of CdHgTe Quantum Dots in Mouse Model. Journal of Fluorescence, 2008, 18, 801-811.	1.3	58
117	The targeted behavior of thermally responsive nanohydrogel evaluated by NIR system in mouse model. Journal of Controlled Release, 2008, 131, 34-40.	4.8	95
118	In vivonon-invasive optical imaging of temperature-sensitive co-polymeric nanohydrogel. Nanotechnology, 2008, 19, 185707.	1.3	21
119	The implantable 5-fluorouracil-loaded poly(l-lactic acid) fibers prepared by wet-spinning from suspension. Journal of Controlled Release, 2007, 118, 325-332.	4.8	64
120	Characterization of pH- and temperature-sensitive hydrogel nanoparticles for controlled drug release. PDA Journal of Pharmaceutical Science and Technology, 2007, 61, 303-13.	0.3	20