

Shi Gao

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

1,567
citations

430874

18
h-index

302126

39
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47
all docs

47
docs citations

47
times ranked

2998
citing authors

#	ARTICLE	IF	CITATIONS
1	NIR-II Fluorescent Activatable Drug Delivery Nanoplatform for Cancer-Targeted Combined Photodynamic and Chemotherapy. <i>ACS Applied Bio Materials</i> , 2022, 5, 711-722.	4.6	9
2	Plasmonic anisotropic gold nanorods: Preparation and biomedical applications. <i>Nano Research</i> , 2022, 15, 6372-6398.	10.4	15
3	Self-Assembled Ag ₂ S QD Vesicles for In Situ Responsive NIR-II Fluorescence Imaging-Guided Photothermal Cancer Therapy. <i>Advanced Optical Materials</i> , 2021, 9, 2100233.	7.3	22
4	An Integrin- α _v β ₆ / α ₅ β ₁ -Biotargeted Probe for the SPECT Imaging of Pancreatic Adenocarcinoma in Preclinical and Primary Clinical Studies. <i>Bioconjugate Chemistry</i> , 2021, 32, 1298-1305.	3.6	5
5	Diagnostic performance of 18F-FDG PET/CT for the detection of occult primary tumors in squamous cell carcinoma of unknown primary in the head and neck: a single-center retrospective study. <i>Nuclear Medicine Communications</i> , 2021, 42, 523-527.	1.1	7
6	Performance of Ultrasound-Guided Core Biopsy Driven by FDG-avid Supraclavicular Lymph Nodes in Patients With Suspected Lung Cancer. <i>Frontiers in Medicine</i> , 2021, 8, 803500.	2.6	2
7	First-in-human pilot study of an integrin α ₆ -targeted radiotracer for SPECT imaging of breast cancer. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 147.	17.1	11
8	The development of a Glypican-3-specific binding peptide using <i>in vivo</i> and <i>in vitro</i> two-step phage display screening for the PET imaging of hepatocellular carcinoma. <i>Biomaterials Science</i> , 2020, 8, 5656-5665.	5.4	6
9	Ultrathin gold nanowires to enhance radiation therapy. <i>Journal of Nanobiotechnology</i> , 2020, 18, 131.	9.1	15
10	Barium tungstate nanoparticles to enhance radiation therapy against cancer. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020, 28, 102230.	3.3	7
11	Single Wavelength Laser Excitation Ratiometric NIR-II Fluorescent Probe for Molecule Imaging in Vivo. <i>Analytical Chemistry</i> , 2020, 92, 6111-6120.	6.5	70
12	Imaging and monitoring HER2 expression in breast cancer during trastuzumab therapy with a peptide probe 99mTc-HYNIC-H10F. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 2613-2623.	6.4	15
13	Nanoparticles Encapsulating Nitrosylated Maytansine To Enhance Radiation Therapy. <i>ACS Nano</i> , 2020, 14, 1468-1481.	14.6	69
14	Construction and evaluation of hyaluronic acid-based copolymers as a targeted chemotherapy drug carrier for cancer therapy. <i>Nanotechnology</i> , 2020, 31, 305702.	2.6	8
15	Photoacoustic imaging and photothermal therapy in the second near-infrared window. <i>New Journal of Chemistry</i> , 2019, 43, 8835-8851.	2.8	73
16	Two-Stage Size Decrease and Enhanced Photoacoustic Performance of Stimuli-Responsive Polymer-Gold Nanorod Assembly for Increased Tumor Penetration. <i>Advanced Functional Materials</i> , 2019, 29, 1806429.	14.9	70
17	Advantages of 99mTc-3PRGD2 SPECT over CT in the preoperative assessment of lymph node metastasis in patients with esophageal cancer. <i>Annals of Nuclear Medicine</i> , 2019, 33, 39-46.	2.2	5
18	Evans Blue Derivative-Functionalized Gold Nanorods for Photothermal Therapy-Enhanced Tumor Chemotherapy. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 15140-15149.	8.0	38

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19	Theranostic Hyaluronic Acid- ⁶⁴ Fe-Targeted Iron Micellar Nanoparticles for Magnetic-Field-Enhanced <i>in vivo</i> Cancer Chemotherapy. <i>ChemMedChem</i> , 2018, 13, 78-86.	3.2	43
20	Integrin $\alpha_3\beta_1$ -targeted SPECT/CT for the assessment of Bevacizumab therapy in orthotopic lung cancer xenografts. <i>Oncology Letters</i> , 2018, 15, 4201-4206.	1.8	3
21	Photosensitizer-Encapsulated Ferritins Mediate Photodynamic Therapy against Cancer-Associated Fibroblasts and Improve Tumor Accumulation of Nanoparticles. <i>Molecular Pharmaceutics</i> , 2018, 15, 3595-3599.	4.6	55
22	Surface impact on nanoparticle-based magnetic resonance imaging contrast agents. <i>Theranostics</i> , 2018, 8, 2521-2548.	10.0	149
23	DTI and pathological changes in a rabbit model of radiation injury to the spinal cord after ¹²⁵ I radioactive seed implantation. <i>Neural Regeneration Research</i> , 2018, 13, 528.	3.0	3
24	Multifunctional Molecular Beacon Micelles for Intracellular mRNA Imaging and Synergistic Therapy in Multidrug-Resistant Cancer Cells. <i>Advanced Functional Materials</i> , 2017, 27, 1701027.	14.9	45
25	Construction and Evaluation of a Targeted Hyaluronic Acid Nanoparticle/Photosensitizer Complex for Cancer Photodynamic Therapy. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 32509-32519.	8.0	52
26	Identification of a Glypican-3-Binding Peptide for <i>In Vivo</i> Non-Invasive Human Hepatocellular Carcinoma Detection. <i>Macromolecular Bioscience</i> , 2017, 17, 1600335.	4.1	21
27	Oxygen-generating hybrid nanoparticles to enhance fluorescent/photoacoustic/ultrasound imaging guided tumor photodynamic therapy. <i>Biomaterials</i> , 2017, 112, 324-335.	11.4	226
28	Preclinical Evaluation and Monitoring of the Therapeutic Response of a Dual Targeted Hyaluronic Acid Nanodrug. <i>Contrast Media and Molecular Imaging</i> , 2017, 2017, 1-10.	0.8	8
29	Incremental value of SPECT/CT in detection of Meckel's diverticulum in a 10-year-old child. <i>SpringerPlus</i> , 2016, 5, 1270.	1.2	5
30	Inhibitory effects of ⁹⁰ Sr/ ⁹⁰ Y β -irradiation on alkali burn-induced corneal neovascularization in rats. <i>Experimental and Therapeutic Medicine</i> , 2016, 11, 409-414.	1.8	4
31	A photothermally responsive nanoprobe for bioimaging based on Edman degradation. <i>Nanoscale</i> , 2016, 8, 10553-10557.	5.6	12
32	^{99m} Tc-Glu-c(RGDyK)-Bombesin SPECT Can Reduce Unnecessary Biopsy of Masses That Are BI-RADS Category 4 on Ultrasonography. <i>Journal of Nuclear Medicine</i> , 2016, 57, 1196-1200.	5.0	6
33	Comparison of the accuracy of ^{99m} Tc-3P4-RGD2 SPECT and CT in diagnosing solitary pulmonary nodules. <i>Oncology Letters</i> , 2016, 12, 2517-2523.	1.8	2
34	Stable Evans Blue Derived Exendin-4 Peptide for Type 2 Diabetes Treatment. <i>Bioconjugate Chemistry</i> , 2016, 27, 54-58.	3.6	25
35	^{99m} Tc-MDP uptake in SPECT/CT by a bladder hernia simulating inguinal metastasis: A case report. <i>Oncology Letters</i> , 2016, 11, 1398-1400.	1.8	2
36	Hybrid graphene/Au activatable theranostic agent for multimodalities imaging guided enhanced photothermal therapy. <i>Biomaterials</i> , 2016, 79, 36-45.	11.4	144

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37	Activatable Ferritin Nanocomplex for Real-Time Monitoring of Caspase-3 Activation during Photodynamic Therapy. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 23248-23256.	8.0	33
38	An Exploratory Study on ^{99m} Tc-RGD-BBN Peptide Scintimammography in the Assessment of Breast Malignant Lesions Compared to ^{99m} Tc-3P4-RGD2. <i>PLoS ONE</i> , 2015, 10, e0123401.	2.5	29
39	(^{99m} Tc-3P-RGD2 SPECT to monitor early response to bevacizumab therapy in patients with advanced non-small cell lung cancer. <i>International Journal of Clinical and Experimental Pathology</i> , 2015, 8, 16064-72.	0.5	8
40	^{99m} Tc-3P4-RGD2 Scintimammography in the Assessment of Breast Lesions: Comparative Study with ^{99m} Tc-MIBI. <i>PLoS ONE</i> , 2014, 9, e108349.	2.5	18
41	Pharmacokinetics and Biodistribution of ^{99m} Tc N-MPO in Healthy Human Volunteers. <i>Clinical Nuclear Medicine</i> , 2014, 39, e14-e19.	1.3	8
42	Activatable Hyaluronic Acid Nanoparticle as a Theranostic Agent for Optical/Photoacoustic Image-Guided Photothermal Therapy. <i>ACS Nano</i> , 2014, 8, 12250-12258.	14.6	210
43	Preparation of a prototype radioactive probe for treatment of lacrimal ducts stenosis and a study of its dose distribution. <i>Hellenic Journal of Nuclear Medicine</i> , 2013, 16, 186-8.	0.3	0