

Kexian Liang

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,019
citations

471509

17
h-index

752698

20
g-index

24
all docs

24
docs citations

24
times ranked

1442
citing authors

#	ARTICLE	IF	CITATIONS
1	Whole-body fluorescence lifetime imaging of a tumor-targeted near-infrared molecular probe in mice. <i>Journal of Biomedical Optics</i> , 2005, 10, 054003.	2.6	139
2	Synergistic effects of light-emitting probes and peptides for targeting and monitoring integrin expression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 7976-7981.	7.1	130
3	Hands-free, wireless goggles for near-infrared fluorescence and real-time image-guided surgery. <i>Surgery</i> , 2011, 149, 689-698.	1.9	103
4	Rational Approach To Select Small Peptide Molecular Probes Labeled with Fluorescent Cyanine Dyes for in Vivo Optical Imaging. <i>Biochemistry</i> , 2011, 50, 2691-2700.	2.5	79
5	Preparation and Biological Evaluation of ^{64}Cu -CB-TE2A-sst ₂ -ANT, a Somatostatin Antagonist for PET Imaging of Somatostatin Receptor-Positive Tumors. <i>Journal of Nuclear Medicine</i> , 2008, 49, 1819-1827.	5.0	76
6	Monomolecular Multimodal Fluorescence-Radioisotope Imaging Agents. <i>Bioconjugate Chemistry</i> , 2005, 16, 1232-1239.	3.6	67
7	Agonist~Antagonist Dilemma in Molecular Imaging: Evaluation of a Monomolecular Multimodal Imaging Agent for the Somatostatin Receptor. <i>Bioconjugate Chemistry</i> , 2008, 19, 192-200.	3.6	65
8	In Vitro and In Vivo Evaluation of ^{64}Cu -Labeled SarAr-Bombesin Analogs in Gastrin-Releasing Peptide Receptor-Expressing Prostate Cancer. <i>Journal of Nuclear Medicine</i> , 2011, 52, 470-477.	5.0	64
9	Binocular Goggle Augmented Imaging and Navigation System provides real-time fluorescence image guidance for tumor resection and sentinel lymph node mapping. <i>Scientific Reports</i> , 2015, 5, 12117.	3.3	46
10	Activatable Molecular Systems Using Homologous Near-Infrared Fluorescent Probes for Monitoring Enzyme Activities <i>in Vitro</i> , <i>in Cellulo</i> , and <i>in Vivo</i> . <i>Molecular Pharmaceutics</i> , 2009, 6, 416-427.	4.6	45
11	Complementary optical and nuclear imaging of caspase-3 activity using combined activatable and radio-labeled multimodality molecular probe. <i>Journal of Biomedical Optics</i> , 2009, 14, 040507.	2.6	41
12	Selective imaging of solid tumours via the calcium-dependent high-affinity binding of a cyclic octapeptide to phosphorylated Annexin A2. <i>Nature Biomedical Engineering</i> , 2020, 4, 298-313.	22.5	31
13	Trimodal color-fluorescence-polarization endoscopy aided by a tumor selective molecular probe accurately detects flat lesions in colitis-associated cancer. <i>Journal of Biomedical Optics</i> , 2014, 19, 1.	2.6	26
14	Targeting Beta-3 Integrin Using a Linear Hexapeptide Labeled with a Near-Infrared Fluorescent Molecular Probe. <i>Molecular Pharmaceutics</i> , 2006, 3, 539-549.	4.6	25
15	In vitro and in vivo evaluation of a ^{64}Cu -labeled NOTA-Bn-SCN-Aoc-bombesin analogue in gastrin-releasing peptide receptor expressing prostate cancer. <i>Nuclear Medicine and Biology</i> , 2012, 39, 609-616.	0.6	22
16	Multimodal Fluorescence-Mediated Tomography and SPECT/CT for Small-Animal Imaging. <i>Journal of Nuclear Medicine</i> , 2013, 54, 639-646.	5.0	22
17	Proof-of-Concept of Polymeric Sol-Gels in Multi-Drug Delivery and Intraoperative Image-Guided Surgery for Peritoneal Ovarian Cancer. <i>Pharmaceutical Research</i> , 2016, 33, 2298-2306.	3.5	17
18	Utilizing the Multiradionuclide Resolving Power of SPECT and Dual Radiolabeled Single Molecules to Assess Treatment Response of Tumors. <i>Molecular Imaging and Biology</i> , 2015, 17, 671-679.	2.6	7

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19	Perfusion-based fluorescence imaging method delineates diverse organs and identifies multifocal tumors using generic near-infrared molecular probes. <i>Journal of Biophotonics</i> , 2018, 11, e201700232.	2.3	6
20	Multifunctional Thio-Stabilized Gold Nanoparticles for Near-Infrared Fluorescence Detection and Imaging of Activated Caspase-3. <i>Current Analytical Chemistry</i> , 2021, 17, 1182-1193.	1.2	5
21	Targeting the expression of integrin receptors in tumors. , 2004, 5329, 222.		3
22	Non-invasive monitoring of arthritis treatment response via targeting of tyrosine-phosphorylated annexin A2 in chondrocytes. <i>Arthritis Research and Therapy</i> , 2021, 23, 265.	3.5	0
23	Multimodal video-rate fluorescence DOT and SPECT/CT for small animals. , 2012, , .		0
24	Dual-radiolabeled nanoparticle probes for depth-independent in vivo imaging of enzyme activation. , 2018, , .		0