

King Li

List of Publications by Year in descending order

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Version: 2024-02-01

92
papers

3,353
citations

293460

24
h-index

162838

57
g-index

96
all docs

96
docs citations

96
times ranked

4217
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrasound controlled mechanophore activation in hydrogels for cancer therapy. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	27
2	Epigenetic MRI: Noninvasive imaging of DNA methylation in the brain. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2119891119.	3.3	3
3	High-intensity focused ultrasound-induced mechanochemical transduction in synthetic elastomers. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 10214-10222.	3.3	57
4	Enhancing tissue permeability with MRI guided preclinical focused ultrasound system in rabbit muscle: From normal tissue to VX2 tumor. Journal of Controlled Release, 2017, 256, 1-8.	4.8	8
5	A systematic approach to predicting the risk of unicompartmental knee arthroplasty revision. Osteoarthritis and Cartilage, 2016, 24, 991-999.	0.6	15
6	Prediction of treatment efficacy for prostate cancer using a mathematical model. Scientific Reports, 2016, 6, 21599.	1.6	35
7	A Systematic Approach to Predicting Spring Force for Sagittal Craniosynostosis Surgery. Journal of Craniofacial Surgery, 2016, 27, 636-643.	0.3	19
8	Remote spatiotemporally controlled and biologically selective permeabilization of blood-brain barrier. Journal of Controlled Release, 2015, 217, 113-120.	4.8	24
9	Multivalency of Non-Peptide Integrin $\alpha_5\beta_1$ Antagonist Slows Tumor Growth. Molecular Pharmaceutics, 2013, 10, 3603-3611.	2.3	11
10	Digitization of Medicine. Academic Radiology, 2013, 20, 1479-1494.	1.3	17
11	Radiology Research Alliance. Academic Radiology, 2013, 20, 1477-1478.	1.3	1
12	Synthesis and evaluation of an imidazole derivative-fluorescein conjugate. Bioorganic and Medicinal Chemistry, 2013, 21, 2418-2425.	1.4	2
13	Expert Opinion. Journal of Thoracic Imaging, 2013, 28, 2.	0.8	0
14	Enhanced MRI relaxivity of Gd^{3+} -based contrast agents geometrically confined within porous nanoconstructs. Contrast Media and Molecular Imaging, 2012, 7, 501-508.	0.4	46
15	Anaerobic conditions to reduce oxidation of proteins and to accelerate the copper-catalyzed "Click" reaction with a water-soluble bis(triazole) ligand. Chemical Communications, 2011, 47, 3186.	2.2	36
16	Biomarker Motif Discovery by Integrating Mass Spectrometry and PPI Network. , 2011, , .		0
17	Synthesis and evaluation of bivalent, peptidomimetic antagonists of the $\alpha_5\beta_1$ integrins. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 6577-6580.	1.0	10
18	^{99m}Tc -labeling of Peptidomimetic Antagonist to Selectively Target $\alpha_5\beta_1$ Receptor-Positive Tumor: Comparison of PDA and EDDA as Co-Ligands. Current Radiopharmaceuticals, 2010, 3, 1-8.	0.3	3

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19	“Clickable”, polymerized liposomes as a versatile and stable platform for rapid optimization of their peripheral compositions. <i>Chemical Communications</i> , 2010, 46, 5746.	2.2	35
20	Identification of biomarkers for risk stratification of cardiovascular events using genetic algorithm with recursive local floating search. <i>Proteomics</i> , 2009, 9, 2286-2294.	1.3	7
21	From molecular imaging to systems diagnostics: Time for another paradigm shift?. <i>European Journal of Radiology</i> , 2009, 70, 201-204.	1.2	2
22	Computational Prediction Models for Early Detection of Risk of Cardiovascular Events Using Mass Spectrometry Data. <i>IEEE Transactions on Information Technology in Biomedicine</i> , 2008, 12, 636-643.	3.6	18
23	The Knowledge-Integrated Network Biomarkers Discovery for Major Adverse Cardiac Events. <i>Journal of Proteome Research</i> , 2008, 7, 4013-4021.	1.8	67
24	Reversible jump MCMC approach for peak identification for stroke SELDI mass spectrometry using mixture model. <i>Bioinformatics</i> , 2008, 24, 1407-1413.	1.8	15
25	Pulsed High-Intensity Focused Ultrasound Enhances Uptake of Radiolabeled Monoclonal Antibody to Human Epidermoid Tumor in Nude Mice. <i>Journal of Nuclear Medicine</i> , 2008, 49, 295-302.	2.8	87
26	Acoustic fingerprints of photoacoustic contrast agents for molecular imaging. , 2007, , .		0
27	Pulsed-high intensity focused ultrasound enhanced tPA mediated thrombolysis in a novel in vivo clot model, a pilot study. <i>Thrombosis Research</i> , 2007, 121, 193-202.	0.8	70
28	Radiolabeled high affinity peptidomimetic antagonist selectively targets α_3 receptor-positive tumor in mice. <i>Nuclear Medicine and Biology</i> , 2007, 34, 363-370.	0.3	21
29	Pulsed-High Intensity Focused Ultrasound and Low Temperature “Sensitive Liposomes for Enhanced Targeted Drug Delivery and Antitumor Effect. <i>Clinical Cancer Research</i> , 2007, 13, 2722-2727.	3.2	436
30	Biomarker Discovery for Risk Stratification of Cardiovascular Events using an Improved Genetic Algorithm. , 2006, , .		11
31	Delivery of Liposomal Doxorubicin (Doxil) in a Breast Cancer Tumor Model: Investigation of Potential Enhancement by Pulsed-High Intensity Focused Ultrasound Exposure. <i>Academic Radiology</i> , 2006, 13, 469-479.	1.3	144
32	Potential role of pulsed-high intensity focused ultrasound in gene therapy. <i>Future Oncology</i> , 2006, 2, 111-119.	1.1	69
33	Advancing the Boundaries of Molecular Imaging. <i>Biological Psychiatry</i> , 2006, 59, 881-882.	0.7	1
34	Live cell imaging of the endocytosis and the intracellular trafficking of multifunctional lipid nanoparticles. , 2006, , .		0
35	Validation of a fiber-based confocal microscope for interventional image-guided procedures: correlation with multispectral optical imaging. , 2006, 6143, 1039.		0
36	A review: Integrin α_3 -targeted molecular imaging and therapy in angiogenesis. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2005, 1, 110-114.	1.7	46

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37	Synthesis, in vitro, and in vivo characterization of an integrin $\alpha_v\beta_3$ -targeted molecular probe for optical imaging of tumor. <i>Bioorganic and Medicinal Chemistry</i> , 2005, 13, 3763-3771.	1.4	40
38	Detection and Localization of Proteinuria by Dynamic Contrast-Enhanced Magnetic Resonance Imaging Using MS325. <i>Journal of the American Society of Nephrology: JASN</i> , 2005, 16, 1752-1757.	3.0	13
39	First results from the high-resolution mouseSPECT annular scintillation camera. <i>IEEE Transactions on Medical Imaging</i> , 2005, 24, 863-867.	5.4	40
40	Potential Applications of Conventional and Molecular Imaging to Biodefense Research. <i>Clinical Infectious Diseases</i> , 2005, 40, 1471-1480.	2.9	17
41	Gadolinium-Rhodamine Nanoparticles for Cell Labeling and Tracking via Magnetic Resonance and Optical Imaging. <i>Bioconjugate Chemistry</i> , 2005, 16, 995-999.	1.8	135
42	Vascular-Targeted Nanoparticles for Molecular Imaging and Therapy. <i>Methods in Enzymology</i> , 2004, 386, 219-236.	0.4	39
43	Molecular Imaging Applications in Nanomedicine. <i>Biomedical Microdevices</i> , 2004, 6, 113-116.	1.4	79
44	A primer on molecular biology for imagers. <i>Academic Radiology</i> , 2004, 11, 686-697.	1.3	8
45	A primer on molecular biology for imagers. <i>Academic Radiology</i> , 2004, 11, 97-100.	1.3	0
46	A primer on molecular biology for imagers. <i>Academic Radiology</i> , 2004, 11, 817-828.	1.3	2
47	A primer on molecular biology for imagers. <i>Academic Radiology</i> , 2004, 11, 448-461.	1.3	10
48	A primer on molecular biology for imagers. <i>Academic Radiology</i> , 2004, 11, 28-41.	1.3	0
49	A primer on molecular biology for imagers. <i>Academic Radiology</i> , 2004, 11, 1159-1170.	1.3	3
50	A primer on molecular biology for imagers. <i>Academic Radiology</i> , 2004, 11, 940-950.	1.3	2
51	A primer on molecular biology for imagers. <i>Academic Radiology</i> , 2004, 11, 77-84.	1.3	2
52	A primer on molecular biology for imagers. <i>Academic Radiology</i> , 2004, 11, 54-65.	1.3	0
53	A primer on molecular biology for imagers. <i>Academic Radiology</i> , 2004, 11, 42-53.	1.3	1
54	A primer on molecular biology for imagers. <i>Academic Radiology</i> , 2004, 11, 1274-1277.	1.3	3

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55	Molecular imaging of hepatocellular carcinoma. <i>Gastroenterology</i> , 2004, 127, S153-S158.	0.6	22
56	A primer on molecular biology for imagers. <i>Academic Radiology</i> , 2004, 11, 85-96.	1.3	2
57	A primer on molecular biology for imagers: VII. molecular imaging probes1. <i>Academic Radiology</i> , 2004, 11, 1047-1054.	1.3	12
58	A primer on molecular biology for imagers. <i>Academic Radiology</i> , 2004, 11, 333-344.	1.3	13
59	A primer on molecular biology for imagers. <i>Academic Radiology</i> , 2003, 10, 1215-1223.	1.3	13
60	Partially independent component analysis of tumor heterogeneities by DCE-MRI. , 2003, , .		1
61	Biomedical Imaging in the Postgenomic Era. <i>Academic Radiology</i> , 2002, 9, 999-1003.	1.3	8
62	Vascular-targeted molecular imaging using functionalized polymerized vesicles. <i>Journal of Magnetic Resonance Imaging</i> , 2002, 16, 388-393.	1.9	41
63	Combined vascular targeted imaging and therapy: A paradigm for personalized treatment. <i>Journal of Cellular Biochemistry</i> , 2002, 87, 65-71.	1.2	26
64	Beyond "Radiologic-Pathologic Correlation". <i>Academic Radiology</i> , 2001, 8, 375-376.	1.3	1
65	Validation of in Vivo MR Measurement of Oxygen Saturation after Resuscitation with a Hemoglobin-Based Oxygen Carrier in a Rabbit Model. <i>Academic Radiology</i> , 2001, 8, 583-590.	1.3	1
66	Power Doppler imaging and resistance index measurement in the evaluation of acute renal transplant rejection. <i>Journal of Clinical Ultrasound</i> , 2001, 29, 483-490.	0.4	27
67	The clinical value of ferric ammonium citrate: A positive oral contrast agent for T1-weighted MR imaging of the upper abdomen. <i>Journal of Magnetic Resonance Imaging</i> , 2000, 12, 702-707.	1.9	14
68	ICAM-1 expression in autoimmune encephalitis visualized using magnetic resonance imaging. <i>Journal of Neuroimmunology</i> , 2000, 104, 1-9.	1.1	144
69	In vivo monitoring of tumor angiogenesis with MR imaging. <i>Academic Radiology</i> , 2000, 7, 812-823.	1.3	117
70	Advances in imaging techniques for the diagnosis of focal hepatic lesions. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 1999, 14, S22-S27.	1.4	1
71	New approaches to the investigation of focal hepatic lesions. <i>Bailliere's Best Practice and Research in Clinical Gastroenterology</i> , 1999, 13, 529-543.	1.0	5
72	Differentiation of hepatic malignancies from hemangiomas and cysts by T2 relaxation times: Early experience with multiply refocused four-echo imaging at 1.5 T. <i>Journal of Magnetic Resonance Imaging</i> , 1999, 9, 81-86.	1.9	17

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73	In vivo flow-independent T2 measurements of superior mesenteric vein blood in diagnosis of chronic mesenteric ischemia: A preliminary evaluation. <i>Academic Radiology</i> , 1999, 6, 530-534.	1.3	15
74	Detection of tumor angiogenesis in vivo by CD^{23} -targeted magnetic resonance imaging. <i>Nature Medicine</i> , 1998, 4, 623-626.	15.2	876
75	Medical image compression and vector quantization. <i>Statistical Science</i> , 1998, 13, 30.	1.6	16
76	MESENTERIC OCCLUSIVE DISEASE. <i>Magnetic Resonance Imaging Clinics of North America</i> , 1998, 6, 331-350.	0.6	5
77	Magnetic Resonance Angiography of Mesenteric Arteries. <i>Investigative Radiology</i> , 1998, 33, 670-681.	3.5	22
78	In vivo magnetic resonance evaluation of blood oxygen saturation in the superior mesenteric vein as a measure of the degree of acute flow reduction in the superior mesenteric artery: Findings in a canine model. <i>Academic Radiology</i> , 1997, 4, 21-25.	1.3	21
79	MRI of pulmonary embolism using Gd-DTPA-polyethylene glycol polymer enhanced 3D fast gradient echo technique in a canine model. <i>Magnetic Resonance Imaging</i> , 1997, 15, 543-550.	1.0	17
80	MR angiography of abdominal ischemia. <i>Seminars in Ultrasound, CT and MRI</i> , 1996, 17, 352-359.	0.7	12
81	Magnetic resonance imaging detection of vascular occlusion of a pedicled muscle flap. , 1996, 17, 306-312.		4
82	Magnetic resonance imaging-derived parameter of portal flow predicts volume-mediated pulmonary hypertension in liver transplantation candidates. <i>Surgery</i> , 1995, 118, 685-692.	1.0	3
83	Magnetic resonance imaging and hepatic hemodynamics: Correlation with metabolic function in liver transplantation candidates. <i>Surgery</i> , 1995, 117, 373-379.	1.0	19
84	Experimental Hepatic Tumor Necrosis Comparison of Spin-Echo and Pulsed Magnetization Transfer Contrast Magnetic Resonance Imaging. <i>Investigative Radiology</i> , 1993, 28, 896-902.	3.5	9
85	In vivo MR evaluation of Gd-DTPA conjugated to dextran in normal rabbits. <i>Magnetic Resonance Imaging</i> , 1992, 10, 439-444.	1.0	22
86	Barium sulfate suspension as a negative oral MRI contrast agent: In vitro and human optimization studies. <i>Magnetic Resonance Imaging</i> , 1991, 9, 141-150.	1.0	38
87	Enteric MRI contrast agents: Comparative study of five potential agents in humans. <i>Magnetic Resonance Imaging</i> , 1991, 9, 559-568.	1.0	23
88	Paramagnetic oil emulsions as oral magnetic resonance imaging contrast agents. <i>Magnetic Resonance Imaging</i> , 1990, 8, 589-598.	1.0	21
89	Normal variations of pelvic fat distribution implications on CT staging of pelvic tumors. <i>Clinical Imaging</i> , 1990, 14, 319-322.	0.8	1
90	Hepatic focal nodular hyperplasia: New MR findings. <i>Magnetic Resonance Imaging</i> , 1989, 7, 687-688.	1.0	3

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91	Part II: Benign liver tumors. Current Problems in Diagnostic Radiology, 1989, 18, 125-155.	0.6	12
92	Computed simultaneous imaging of multiple biomarkers. , 0, , .		2