

Li Li

List of Publications by Year in descending order

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51
papers

1,762
citations

279487

23
h-index

288905

40
g-index

51
all docs

51
docs citations

51
times ranked

2640
citing authors

#	ARTICLE	IF	CITATIONS
1	Discrimination of Breast Cancer with Microcalcifications on Mammography by Deep Learning. Scientific Reports, 2016, 6, 27327.	1.6	197
2	Ultrasml Ferrite Nanoparticles Synthesized via Dynamic Simultaneous Thermal Decomposition for High-Performance and Multifunctional T ₁ Magnetic Resonance Imaging Contrast Agent. ACS Nano, 2017, 11, 3614-3631.	7.3	173
3	Prognostic factors and failure patterns in non-metastatic nasopharyngeal carcinoma after intensity-modulated radiotherapy. Chinese Journal of Cancer, 2016, 35, 103.	4.9	124
4	Retropharyngeal Lymph Node Metastasis in Nasopharyngeal Carcinoma: Prognostic Value and Staging Categories. Clinical Cancer Research, 2007, 13, 1445-1452.	3.2	105
5	Breast Microcalcification Diagnosis Using Deep Convolutional Neural Network from Digital Mammograms. Computational and Mathematical Methods in Medicine, 2019, 2019, 1-10.	0.7	86
6	The properties of Gd ₂ O ₃ -assembled silica nanocomposite targeted nanoprobe and their application in MRI. Biomaterials, 2012, 33, 6438-6446.	5.7	69
7	Sub-10 nm Monoclinic Gd ₂ O ₃ :Eu ³⁺ Nanoparticles as Dual-Modal Nanoprobes for Magnetic Resonance and Fluorescence Imaging. Langmuir, 2014, 30, 13005-13013.	1.6	61
8	Prognostic impact of magnetic resonance imaging-detected cranial nerve involvement in nasopharyngeal carcinoma. Cancer, 2009, 115, 1995-2003.	2.0	58
9	Radiation-induced temporal lobe injury after intensity modulated radiotherapy in nasopharyngeal carcinoma patients: a dose-volume-outcome analysis. BMC Cancer, 2013, 13, 397.	1.1	56
10	Quantitative analysis and prediction of regional lymph node status in rectal cancer based on computed tomography imaging. European Radiology, 2011, 21, 2318-2325.	2.3	47
11	Ligand-free gadolinium oxide for in vivo T1-weighted magnetic resonance imaging. Physical Chemistry Chemical Physics, 2013, 15, 12235.	1.3	47
12	Radiation-induced brain structural and functional abnormalities in presymptomatic phase and outcome prediction. Human Brain Mapping, 2018, 39, 407-427.	1.9	46
13	A novel one-step synthesis of Gd ³⁺ -incorporated mesoporous SiO ₂ nanoparticles for use as an efficient MRI contrast agent. Contrast Media and Molecular Imaging, 2011, 6, 110-118.	0.4	45
14	Prognostic Value of Subclassification Using MRI in the T4 Classification Nasopharyngeal Carcinoma Intensity-Modulated Radiotherapy Treatment. International Journal of Radiation Oncology Biology Physics, 2012, 84, 196-202.	0.4	41
15	A general top-down approach to synthesize rare earth doped-Gd ₂ O ₃ nanocrystals as dualmodal contrast agents. Journal of Materials Chemistry B, 2014, 2, 5891-5897.	2.9	40
16	Magnetic and fluorescent Gd ₂ O ₃ :Yb ³⁺ /Ln ³⁺ nanoparticles for simultaneous upconversion luminescence/MR dual modal imaging and NIR-induced photodynamic therapy. International Journal of Nanomedicine, 2017, Volume 12, 1-14.	3.3	40
17	Radiation-induced abnormal cortical thickness in patients with nasopharyngeal carcinoma after radiotherapy. NeuroImage: Clinical, 2017, 14, 610-621.	1.4	40
18	Radiation-induced changes in normal-appearing gray matter in patients with nasopharyngeal carcinoma: a magnetic resonance imaging voxel-based morphometry study. Neuroradiology, 2014, 56, 423-430.	1.1	38

#	ARTICLE	IF	CITATIONS
19	A Computer-Aided Diagnosis System for Dynamic Contrast-Enhanced MR Images Based on Level Set Segmentation and ReliefF Feature Selection. <i>Computational and Mathematical Methods in Medicine</i> , 2015, 2015, 1-10.	0.7	34
20	Deep Convolutional Neural Networks-Based Automatic Breast Segmentation and Mass Detection in DCE-MRI. <i>Computational and Mathematical Methods in Medicine</i> , 2020, 2020, 1-12.	0.7	34
21	Gadolinium ³⁺ -doped mesoporous silica nanoparticles as a potential magnetic resonance tracer for monitoring the migration of stem cells in vivo. <i>International Journal of Nanomedicine</i> , 2013, 8, 119.	3.3	30
22	High longitudinal relaxivity of ultra-small gadolinium oxide prepared by microsecond laser ablation in diethylene glycol. <i>Journal of Applied Physics</i> , 2013, 113, 164306.	1.1	27
23	Toxicity evaluation of Gd ₂ O ₃ @SiO ₂ nanoparticles prepared by laser ablation in liquid as MRI contrast agents in vivo. <i>International Journal of Nanomedicine</i> , 2014, 9, 4043.	3.3	27
24	Characterizing the Clustered Microcalcifications on Mammograms to Predict the Pathological Classification and Grading: A Mathematical Modeling Approach. <i>Journal of Digital Imaging</i> , 2011, 24, 764-771.	1.6	20
25	High sensitivity of gold nanoparticles co-doped with Gd ₂ O ₃ mesoporous silica nanocomposite to nasopharyngeal carcinoma cells. <i>Scientific Reports</i> , 2016, 6, 34367.	1.6	18
26	Mesoporous silica nanoparticles encapsulating Gd ₂ O ₃ as a highly efficient magnetic resonance imaging contrast agent. <i>Applied Physics Letters</i> , 2011, 98, .	1.5	17
27	Cortical Surface Area Rather Than Cortical Thickness Potentially Differentiates Radiation Encephalopathy at Early Stage in Patients With Nasopharyngeal Carcinoma. <i>Frontiers in Neuroscience</i> , 2018, 12, 599.	1.4	17
28	Predicting underestimation of ductal carcinoma in situ: a comparison between radiomics and conventional approaches. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2019, 14, 709-721.	1.7	17
29	Lung Cancer and Granuloma Identification Using a Deep Learning Model to Extract 3-Dimensional Radiomics Features in CT Imaging. <i>Clinical Lung Cancer</i> , 2021, 22, e756-e766.	1.1	17
30	Image Reconstruction for Diffuse Optical Tomography Based on Radiative Transfer Equation. <i>Computational and Mathematical Methods in Medicine</i> , 2015, 2015, 1-23.	0.7	16
31	Trigeminal nerve palsy in nasopharyngeal carcinoma: Correlation between clinical findings and magnetic resonance imaging. <i>Head and Neck</i> , 2009, 31, 822-828.	0.9	15
32	Comparison of the treatment outcomes of intensity-modulated radiotherapy and two-dimensional conventional radiotherapy in nasopharyngeal carcinoma patients with parapharyngeal space extension. <i>Radiotherapy and Oncology</i> , 2015, 116, 167-173.	0.3	14
33	Mixed Total Variation and L_1 Regularization Method for Optical Tomography Based on Radiative Transfer Equation. <i>Computational and Mathematical Methods in Medicine</i> , 2017, 2017, 1-15.	0.7	14
34	Primary renal synovial sarcoma: computed tomography imaging findings. <i>Acta Radiologica</i> , 2015, 56, 493-499.	0.5	13
35	Altered properties of brain white matter structural networks in patients with nasopharyngeal carcinoma after radiotherapy. <i>Brain Imaging and Behavior</i> , 2020, 14, 2745-2761.	1.1	13
36	In vivo immunotoxicity evaluation of Gd ₂ O ₃ nanoprobe prepared by laser ablation in liquid for MRI preclinical applications. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	0.8	11

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37	Pre-symptomatic local brain activity and functional connectivity alterations in nasopharyngeal carcinoma patients who developed radiation encephalopathy following radiotherapy. <i>Brain Imaging and Behavior</i> , 2020, 14, 1964-1978.	1.1	11
38	Ultrasensitive β -amyloid detection using multimodal imaging nanoprobe for the detection of β -amyloid aggregates in Alzheimer's disease mice. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 26812-26821.	4.0	11
39	Gd ²⁺ -doped silica @ Au nanoparticles for in vitro imaging cancer biomarkers using surface-enhanced Raman scattering. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 181, 218-225.	2.0	10
40	Synthesis and Characterization of Bifunctional SiO ₂ @(Y _{0.95} X _{0.05}) ₂ O ₃ Nanocomposites for Magnetic Resonance and Optical Imaging. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 5677-5684.	1.0	9
41	Surface-Based Falff: A Potential Novel Biomarker for Prediction of Radiation Encephalopathy in Patients With Nasopharyngeal Carcinoma. <i>Frontiers in Neuroscience</i> , 2021, 15, 692575.	1.4	8
42	Functional Connectivity Density for Radiation Encephalopathy Prediction in Nasopharyngeal Carcinoma. <i>Frontiers in Oncology</i> , 2021, 11, 687127.	1.3	8
43	Prognostic Value and Grading of MRI-Based T Category in Patients With Nasopharyngeal Carcinoma Without Lymph Node Metastasis Undergoing Intensity-Modulated Radiation Therapy. <i>Medicine (United States)</i> , 2021, 100, e27431.	1.4	7
44	Chemotherapy Potentially Facilitates the Occurrence of Radiation Encephalopathy in Patients With Nasopharyngeal Carcinoma Following Radiotherapy: A Multiparametric Magnetic Resonance Imaging Study. <i>Frontiers in Oncology</i> , 2019, 9, 567.	1.3	7
45	Structure-Function Decoupling: A Novel Perspective for Understanding the Radiation-Induced Brain Injury in Patients With Nasopharyngeal Carcinoma. <i>Frontiers in Neuroscience</i> , 2020, 14, 567.	1.4	5
46	The MRI marker gene <i>MagA</i> attenuates the oxidative damage induced by iron overload in transgenic mice. <i>Nanotoxicology</i> , 2016, 10, 531-541.	1.6	4
47	<i>MagA</i> increases MRI sensitivity and attenuates peroxidation-based damage to the bone-marrow haematopoietic microenvironment caused by iron overload. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 18-27.	1.9	4
48	A new total variational regularization method for nonlinear inverse problems in fluorescence molecular tomography. <i>Journal of Computational and Applied Mathematics</i> , 2020, 365, 112408.	1.1	4
49	In vivo immunotoxicity of Gd ₂ O ₃ :Eu ³⁺ nanoparticles and the associated molecular mechanism. <i>Journal of Biochemical and Molecular Toxicology</i> , 2020, 34, e22562.	1.4	4
50	Evaluation of in vivo immunotoxicity for Ho ³⁺ -doped Gd ₂ O ₃ nanoparticles as dual-modality nanoprobe. <i>Materials Today Communications</i> , 2020, 23, 100899.	0.9	2
51	The risk assessment of Gd ₂ O ₃ :Yb ³⁺ /Er ³⁺ nanocomposites as dual-modal nanoprobe for magnetic and fluorescence imaging. <i>Journal of Nanoparticle Research</i> , 2017, 19, 1.	0.8	1