

# Liming Xia

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

66

papers

6,638

citations

20

h-index

74

g-index

74

ext. papers

8,487

ext. citations

7.3

avg, IF

7.23

L-index

#	Paper	IF	Citations
66	A potential biomarker based on clinical-radiomics nomogram for predicting survival and adjuvant chemotherapy benefit in resected node-negative, early-stage lung adenocarcinoma.. <i>Journal of Thoracic Disease</i> , <b>2022</b> , 14, 1-17	2.6	
65	Discriminating malignant from benign testicular masses using machine-learning based radiomics signature of appearance diffusion coefficient maps: Comparing with conventional mean and minimum ADC values.. <i>European Journal of Radiology</i> , <b>2022</b> , 148, 110158	4.7	0
64	Novel imaging phenotypes of naïve asthma patients with distinctive clinical characteristics and T2 inflammation traits.. <i>Therapeutic Advances in Chronic Disease</i> , <b>2022</b> , 13, 20406223221084831	4.9	
63	Abnormal dynamic ventilation function of COVID-19 survivors detected by pulmonary free-breathing proton MRI.. <i>European Radiology</i> , <b>2022</b> , 1	8	0
62	Comparison of two reader modes of computer-aided diagnosis in lung nodules on low-dose chest CT scan. <i>Journal of Innovative Optical Health Sciences</i> , <b>2022</b> , 15,	1.2	1
61	Long Short-Term Memory Based Framework for Longitudinal Assessment of COVID-19 Using CT Imaging and Laboratory Data. <i>IEEE Access</i> , <b>2022</b> , 10, 55533-55545	3.5	
60	Reversible Bronchiectasis in COVID-19 Survivors With Acute Respiratory Distress Syndrome: Pseudobronchiectasis.. <i>Frontiers in Medicine</i> , <b>2021</b> , 8, 739857	4.9	1
59	Myocardial strain features by 2D-STE during the course of fulminant myocarditis: Correlation with characteristics by CMR and clinical implications. <i>Medicine (United States)</i> , <b>2021</b> , 100, e25050	1.8	2
58	MR Virtual Endoscopy of the Fetal Limb Anomalies Using Three-Dimensional Fast Imaging Employing Steady-State Acquisition Sequence. <i>Fetal Diagnosis and Therapy</i> , <b>2021</b> , 48, 333-341	2.4	0
57	Assessment of relationships among clinicopathological characteristics, morphological computer tomography features, and tumor cell proliferation in stage I lung adenocarcinoma. <i>Journal of Thoracic Disease</i> , <b>2021</b> , 13, 2844-2857	2.6	0
56	Early prediction of lung lesion progression in COVID-19 patients with extended CT ventilation imaging. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2021</b> , 48, 4339-4349	8.8	1
55	Whole-Lesion DCE-MRI Intensity Histogram Analysis for Diagnosis in Patients with Suspected Lung Cancer. <i>Academic Radiology</i> , <b>2021</b> , 28, e27-e34	4.3	3
54	Accelerating acquisition of readout-segmented echo planar imaging with a simultaneous multi-slice (SMS) technique for diagnosing breast lesions. <i>European Radiology</i> , <b>2021</b> , 31, 2667-2676	8	2
53	Application of Multiparametric Quantitative Cardiac Magnetic Resonance for Detection and Monitoring of Myocardial Injury in Patients with Fulminant Myocarditis. <i>Academic Radiology</i> , <b>2021</b> , 28, e35-e43	4.3	1
52	Damaged lung gas exchange function of discharged COVID-19 patients detected by hyperpolarized Xe MRI. <i>Science Advances</i> , <b>2021</b> , 7,	14.3	22
51	Lung volume reduction and infection localization revealed in Big data CT imaging of COVID-19. <i>International Journal of Infectious Diseases</i> , <b>2021</b> , 102, 316-318	10.5	5
50	Hypergraph learning for identification of COVID-19 with CT imaging. <i>Medical Image Analysis</i> , <b>2021</b> , 68, 101910	15.4	22

49	CMR T mapping and strain analysis in idiopathic inflammatory myopathy: evaluation in patients with negative late gadolinium enhancement and preserved ejection fraction. <i>European Radiology</i> , <b>2021</b> , 31, 1206-1215	8	0
48	Functional diagnosis of placenta accreta by intravoxel incoherent motion model diffusion-weighted imaging. <i>European Radiology</i> , <b>2021</b> , 31, 740-748	8	2
47	A rapid screening classifier for diagnosing COVID-19. <i>International Journal of Biological Sciences</i> , <b>2021</b> , 17, 539-548	11.2	10
46	Early fibroproliferative signs on high-resolution CT are associated with mortality in COVID-19 pneumonia patients with ARDS: a retrospective study. <i>Therapeutic Advances in Chronic Disease</i> , <b>2021</b> , 12, 2040622320982171	4.9	3
45	Computing infection distributions and longitudinal evolution patterns in lung CT images. <i>BMC Medical Imaging</i> , <b>2021</b> , 21, 57	2.9	0
44	Prediction of Axillary Lymph Node Metastasis in Breast Cancer using Intra-peritumoral Textural Transition Analysis based on Dynamic Contrast-enhanced Magnetic Resonance Imaging. <i>Academic Radiology</i> , <b>2021</b> ,	4.3	2
43	Deep learning for predicting COVID-19 malignant progression. <i>Medical Image Analysis</i> , <b>2021</b> , 72, 102096	15.4	16
42	Long-term chest CT follow-up in COVID-19 Survivors: 102-361 days after onset. <i>Annals of Translational Medicine</i> , <b>2021</b> , 9, 1231	3.2	6
41	MRI Manufacturer Shift and Adaptation: Increasing the Generalizability of Deep Learning Segmentation for MR Images Acquired with Different Scanners. <i>Radiology: Artificial Intelligence</i> , <b>2020</b> , 2, e190195	8.7	12
40	Imaging features and evolution on CT in 100 COVID-19 pneumonia patients in Wuhan, China. <i>European Radiology</i> , <b>2020</b> , 30, 5446-5454	8	68
39	Early CT features and temporal lung changes in COVID-19 pneumonia in Wuhan, China. <i>European Journal of Radiology</i> , <b>2020</b> , 128, 109017	4.7	63
38	Cardiac Involvement in Patients Recovered From COVID-2019 Identified Using Magnetic Resonance Imaging. <i>JACC: Cardiovascular Imaging</i> , <b>2020</b> , 13, 2330-2339	8.4	258
37	Association of "initial CT" findings with mortality in older patients with coronavirus disease 2019 (COVID-19). <i>European Radiology</i> , <b>2020</b> , 30, 6186-6193	8	33
36	Analysis of 2019 novel coronavirus infection and clinical characteristics of outpatients: An epidemiological study from a fever clinic in Wuhan, China. <i>Journal of Medical Virology</i> , <b>2020</b> , 92, 2758-2767	19.7	18
35	Detection of Covid-19 in Children in Early January 2020 in Wuhan, China. <i>New England Journal of Medicine</i> , <b>2020</b> , 382, 1370-1371	59.2	425
34	CT Features of Coronavirus Disease 2019 (COVID-19) Pneumonia in 62 Patients in Wuhan, China. <i>American Journal of Roentgenology</i> , <b>2020</b> , 214, 1287-1294	5.4	420
33	Coronavirus Disease 2019 (COVID-19): Role of Chest CT in Diagnosis and Management. <i>American Journal of Roentgenology</i> , <b>2020</b> , 214, 1280-1286	5.4	669
32	Temporally coherent cardiac motion tracking from cine MRI: Traditional registration method and modern CNN method. <i>Medical Physics</i> , <b>2020</b> , 47, 4189-4198	4.4	3

31	Progressive CT findings and positive RT-PCR again of recovered and discharged patients with COVID-19. <i>Journal of Thoracic Disease</i> , <b>2020</b> , 12, 3439-3441	2.6	3
30	Correlation of Chest CT and RT-PCR Testing for Coronavirus Disease 2019 (COVID-19) in China: A Report of 1014 Cases. <i>Radiology</i> , <b>2020</b> , 296, E32-E40	20.5	3121
29	Tissue Characterization by Mapping and Strain Cardiac MRI to Evaluate Myocardial Inflammation in Fulminant Myocarditis. <i>Journal of Magnetic Resonance Imaging</i> , <b>2020</b> , 52, 930-938	5.6	12
28	Initial CT findings and temporal changes in patients with the novel coronavirus pneumonia (2019-nCoV): a study of 63 patients in Wuhan, China. <i>European Radiology</i> , <b>2020</b> , 30, 3306-3309	8	596
27	Analysis of Characteristics in Death Patients with COVID-19 Pneumonia without Underlying Diseases. <i>Academic Radiology</i> , <b>2020</b> , 27, 752	4.3	12
26	Dual-Sampling Attention Network for Diagnosis of COVID-19 From Community Acquired Pneumonia. <i>IEEE Transactions on Medical Imaging</i> , <b>2020</b> , 39, 2595-2605	11.7	161
25	Chest CT imaging features and severity scores as biomarkers for prognostic prediction in patients with COVID-19. <i>Annals of Translational Medicine</i> , <b>2020</b> , 8, 1449	3.2	17
24	Deep learning-based triage and analysis of lesion burden for COVID-19: a retrospective study with external validation. <i>The Lancet Digital Health</i> , <b>2020</b> , 2, e506-e515	14.4	33
23	A Comparative Study of Chest Computed Tomography Features in Young and Older Adults With Corona Virus Disease (COVID-19). <i>Journal of Thoracic Imaging</i> , <b>2020</b> , 35, W97-W101	5.6	53
22	Dynamic changes in computed tomography manifestations of 105 patients with novel coronavirus pneumonia in Wuhan, China. <i>Journal of International Medical Research</i> , <b>2020</b> , 48, 300060520972913	1.4	2
21	Mobile chest X-ray manifestations of 54 deceased patients with coronavirus disease 2019: Retrospective study. <i>Medicine (United States)</i> , <b>2020</b> , 99, e23167	1.8	1
20	Chest CT findings related to mortality of patients with COVID-19: A retrospective case-series study. <i>PLoS ONE</i> , <b>2020</b> , 15, e0237302	3.7	24
19	Serial Quantitative Chest CT Assessment of COVID-19: A Deep Learning Approach. <i>Radiology: Cardiothoracic Imaging</i> , <b>2020</b> , 2, e200075	8.3	203
18	Chest CT findings related to mortality of patients with COVID-19: A retrospective case-series study <b>2020</b> , 15, e0237302		
17	Chest CT findings related to mortality of patients with COVID-19: A retrospective case-series study <b>2020</b> , 15, e0237302		
16	Chest CT findings related to mortality of patients with COVID-19: A retrospective case-series study <b>2020</b> , 15, e0237302		
15	Chest CT findings related to mortality of patients with COVID-19: A retrospective case-series study <b>2020</b> , 15, e0237302		
14	Controlled Nano-Bio Interface of Functional Nanoprobes for in Vivo Monitoring Enzyme Activity in Tumors. <i>ACS Nano</i> , <b>2019</b> , 13, 1153-1167	16.7	13

13	Comparison of prediction models with radiological semantic features and radiomics in lung cancer diagnosis of the pulmonary nodules: a case-control study. <i>European Radiology</i> , <b>2019</b> , 29, 6100-6108	8	26
12	Whole-Tumor Quantitative Apparent Diffusion Coefficient Histogram and Texture Analysis to Differentiation of Minimal Fat Angiomyolipoma from Clear Cell Renal Cell Carcinoma. <i>Academic Radiology</i> , <b>2019</b> , 26, 632-639	4.3	15
11	MRI native T1 and T2 mapping of myocardial segments in hypertrophic cardiomyopathy: tissue remodeling manifested prior to structure changes. <i>British Journal of Radiology</i> , <b>2019</b> , 92, 20190634	3.4	9
10	Automatic Segmentation of Human Placenta Images With U-Net. <i>IEEE Access</i> , <b>2019</b> , 7, 180083-180092	3.5	11
9	Deep Learning-based Method for Fully Automatic Quantification of Left Ventricle Function from Cine MR Images: A Multivendor, Multicenter Study. <i>Radiology</i> , <b>2019</b> , 290, 81-88	20.5	107
8	Application of whole-lesion histogram analysis of pharmacokinetic parameters in dynamic contrast-enhanced MRI of breast lesions with the CAIPIRINHA-Dixon-TWIST-VIBE technique. <i>Journal of Magnetic Resonance Imaging</i> , <b>2018</b> , 47, 91-96	5.6	17
7	Multimodal 3D DenseNet for IDH Genotype Prediction in Gliomas. <i>Genes</i> , <b>2018</b> , 9,	4.2	64
6	Recurrent primary mediastinal giant cell tumor of soft tissue with radiological findings: a rare case report and literature review. <i>World Journal of Surgical Oncology</i> , <b>2017</b> , 15, 137	3.4	7
5	Disrupted Causal Connectivity Anchored in the Posterior Cingulate Cortex in Amnesic Mild Cognitive Impairment. <i>Frontiers in Neurology</i> , <b>2017</b> , 8, 10	4.1	13
4	Robust surface coating for a fast, facile fluorine-18 labeling of iron oxide nanoparticles for PET/MR dual-modality imaging. <i>Nanoscale</i> , <b>2016</b> , 8, 19644-19653	7.7	15
3	Pancreatic Head Carcinoma Versus Chronic Pancreatitis of Pancreatic Head: MR Imaging. <i>Chinese-German Journal of Clinical Oncology</i> , <b>2005</b> , 4, 16-20		
2	Study of MR Imaging and MR Spectroscopy in the Diagnosis of Gliomatosis Cerebri. <i>Chinese-German Journal of Clinical Oncology</i> , <b>2005</b> , 4, 373-377		2
1	Deep learning for predicting COVID-19 malignant progression		32