Liming Xia

List of Publications by Year in descending order

68 papers	9,802 citations	236833 25 h-index	114418 63 g-index
74 all docs	74 docs citations	74 times ranked	17074 citing authors

#	Article	IF	Citations
1	Prediction of Axillary Lymph Node Metastasis in Breast Cancer using Intra-peritumoral Textural Transition Analysis based on Dynamic Contrast-enhanced Magnetic Resonance Imaging. Academic Radiology, 2022, 29, S107-S115.	1.3	8
2	A potential biomarker based on clinical-radiomics nomogram for predicting survival and adjuvant chemotherapy benefit in resected node-negative, early-stage lung adenocarcinoma. Journal of Thoracic Disease, 2022, 14, 1-17.	0.6	0
3	Quantitative assessment of right ventricular size and function with multiple parameters from artificial intelligenceâ€based threeâ€dimensional echocardiography: A comparative study with cardiac magnetic resonance. Echocardiography, 2022, 39, 223-232.	0.3	11
4	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. European Journal of Radiology, 2022, 148, 110158.	1.2	11
5	Novel imaging phenotypes of naÃ¯ve asthma patients with distinctive clinical characteristics and T2 inflammation traits. Therapeutic Advances in Chronic Disease, 2022, 13, 204062232210848.	1.1	1
6	Abnormal dynamic ventilation function of COVID-19 survivors detected by pulmonary free-breathing proton MRI. European Radiology, 2022, 32, 5297-5307.	2.3	5
7	Comparison of two reader modes of computer-aided diagnosis in lung nodules on low-dose chest CT scan. Journal of Innovative Optical Health Sciences, 2022, 15, .	0.5	3
8	Relationship between Lung and Brain Injury in COVID-19 Patients: A Hyperpolarized 129Xe-MRI-based 8-Month Follow-Up. Biomedicines, 2022, 10, 781.	1.4	7
9	Long Short-Term Memory Based Framework for Longitudinal Assessment of COVID-19 Using CT Imaging and Laboratory Data. IEEE Access, 2022, 10, 55533-55545.	2.6	1
10	Using multi-parametric quantitative MRI to screen for cardiac involvement in patients with idiopathic inflammatory myopathy. Scientific Reports, 2022, 12, .	1.6	3
11	Whole-Lesion DCE-MRI Intensity Histogram Analysis for Diagnosis in Patients with Suspected Lung Cancer. Academic Radiology, 2021, 28, e27-e34.	1.3	5
12	Accelerating acquisition of readout-segmented echo planar imaging with a simultaneous multi-slice (SMS) technique for diagnosing breast lesions. European Radiology, 2021, 31, 2667-2676.	2.3	14
13	Application of Multiparametric Quantitative Cardiac Magnetic Resonance for Detection and Monitoring of Myocardial Injury in Patients with Fulminant Myocarditis. Academic Radiology, 2021, 28, e35-e43.	1.3	3
14	Damaged lung gas exchange function of discharged COVID-19 patients detected by hyperpolarized ¹²⁹ Xe MRI. Science Advances, 2021, 7, .	4.7	97
15	Lung volume reduction and infection localization revealed in Big data CT imaging of COVID-19. International Journal of Infectious Diseases, 2021, 102, 316-318.	1.5	13
16	Hypergraph learning for identification of COVID-19 with CT imaging. Medical Image Analysis, 2021, 68, 101910.	7.0	56
17	CMR T1 mapping and strain analysis in idiopathic inflammatory myopathy: evaluation in patients with negative late gadolinium enhancement and preserved ejection fraction. European Radiology, 2021, 31, 1206-1215.	2.3	10
18	Functional diagnosis of placenta accreta by intravoxel incoherent motion model diffusion-weighted imaging. European Radiology, 2021, 31, 740-748.	2.3	9

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19	A rapid screening classifier for diagnosing COVID-19. International Journal of Biological Sciences, 2021, 17, 539-548.	2.6	17
20	Early fibroproliferative signs on high-resolution CT are associated with mortality in COVID-19 pneumonia patients with ARDS: a retrospective study. Therapeutic Advances in Chronic Disease, 2021, 12, 204062232098217.	1.1	8
21	Computing infection distributions and longitudinal evolution patterns in lung CT images. BMC Medical Imaging, 2021, 21, 57.	1.4	3
22	Myocardial strain features by 2D-STE during the course of fulminant myocarditis. Medicine (United) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.4	5
23	MR Virtual Endoscopy of the Fetal Limb Anomalies Using Three-Dimensional Fast Imaging Employing Steady-State Acquisition Sequence. Fetal Diagnosis and Therapy, 2021, 48, 333-341.	0.6	1
24	Assessment of relationships among clinicopathological characteristics, morphological computer tomography features, and tumor cell proliferation in stage I lung adenocarcinoma. Journal of Thoracic Disease, 2021, 13, 2844-2857.	0.6	5
25	Early prediction of lung lesion progression in COVID-19 patients with extended CT ventilation imaging. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 48, 4339-4349.	3.3	3
26	Deep learning for predicting COVID-19 malignant progression. Medical Image Analysis, 2021, 72, 102096.	7.0	55
27	Long-term chest CT follow-up in COVID-19 Survivors: 102â€“361 days after onset. Annals of Translational Medicine, 2021, 9, 1231-1231.	0.7	16
28	Reversible Bronchiectasis in COVID-19 Survivors With Acute Respiratory Distress Syndrome: Pseudobronchiectasis. Frontiers in Medicine, 2021, 8, 739857.	1.2	7
29	Deep learning-based triage and analysis of lesion burden for COVID-19: a retrospective study with external validation. The Lancet Digital Health, 2020, 2, e506-e515.	5.9	65
30	A Comparative Study of Chest Computed Tomography Features in Young and Older Adults With Corona Virus Disease (COVID-19). Journal of Thoracic Imaging, 2020, 35, W97-W101.	0.8	72
31	Dynamic changes in computed tomography manifestations of 105 patients with novel coronavirus pneumonia in Wuhan, China. Journal of International Medical Research, 2020, 48, 030006052097291.	0.4	3
32	Mobile chest X-ray manifestations of 54 deceased patients with coronavirus disease 2019. Medicine (United States), 2020, 99, e23167.	0.4	4
33	Chest CT findings related to mortality of patients with COVID-19: A retrospective case-series study. PLoS ONE, 2020, 15, e0237302.	1.1	39
34	MRI Manufacturer Shift and Adaptation: Increasing the Generalizability of Deep Learning Segmentation for MR Images Acquired with Different Scanners. Radiology: Artificial Intelligence, 2020, 2, e190195.	3.0	30
35	Imaging features and evolution on CT in 100 COVID-19 pneumonia patients in Wuhan, China. European Radiology, 2020, 30, 5446-5454.	2.3	94
36	Early CT features and temporal lung changes in COVID-19 pneumonia in Wuhan, China. European Journal of Radiology, 2020, 128, 109017.	1.2	92

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37	Cardiac Involvement in Patients Recovered From COVID-2019 Identified Using Magnetic Resonance Imaging. JACC: Cardiovascular Imaging, 2020, 13, 2330-2339.	2.3	440
38	Association of â€œinitial CTâ€•findings with mortality in older patients with coronavirus disease 2019 (COVID-19). European Radiology, 2020, 30, 6186-6193.	2.3	55
39	Analysis of 2019 novel coronavirus infection and clinical characteristics of outpatients: An epidemiological study from a fever clinic in Wuhan, China. Journal of Medical Virology, 2020, 92, 2758-2767.	2.5	38
40	Detection of Covid-19 in Children in Early January 2020 in Wuhan, China. New England Journal of Medicine, 2020, 382, 1370-1371.	13.9	586
41	CT Features of Coronavirus Disease 2019 (COVID-19) Pneumonia in 62 Patients in Wuhan, China. American Journal of Roentgenology, 2020, 214, 1287-1294.	1.0	576
42	Coronavirus Disease 2019 (COVID-19): Role of Chest CT in Diagnosis and Management. American Journal of Roentgenology, 2020, 214, 1280-1286.	1.0	952
43	Temporally coherent cardiac motion tracking from cine MRI: Traditional registration method and modern CNN method. Medical Physics, 2020, 47, 4189-4198.	1.6	11
44	Progressive CT findings and positive RT-PCR again of recovered and discharged patients with COVID-19. Journal of Thoracic Disease, 2020, 12, 3439-3441.	0.6	3
45	Correlation of Chest CT and RT-PCR Testing for Coronavirus Disease 2019 (COVID-19) in China: A Report of 1014 Cases. Radiology, 2020, 296, E32-E40.	3.6	4,400
46	Tissue Characterization by Mapping and Strain Cardiac MRI to Evaluate Myocardial Inflammation in Fulminant Myocarditis. Journal of Magnetic Resonance Imaging, 2020, 52, 930-938.	1.9	27
47	Initial CT findings and temporal changes in patients with the novel coronavirus pneumonia (2019-nCoV): a study of 63 patients in Wuhan, China. European Radiology, 2020, 30, 3306-3309.	2.3	765
48	Analysis of Characteristics in Death Patients with COVID-19 Pneumonia without Underlying Diseases. Academic Radiology, 2020, 27, 752.	1.3	14
49	Serial Quantitative Chest CT Assessment of COVID-19: A Deep Learning Approach. Radiology: Cardiothoracic Imaging, 2020, 2, e200075.	0.9	330
50	Dual-Sampling Attention Network for Diagnosis of COVID-19 From Community Acquired Pneumonia. IEEE Transactions on Medical Imaging, 2020, 39, 2595-2605.	5.4	293
51	Chest CT imaging features and severity scores as biomarkers for prognostic prediction in patients with COVID-19. Annals of Translational Medicine, 2020, 8, 1449-1449.	0.7	42
52	Chest CT findings related to mortality of patients with COVID-19: A retrospective case-series study. , 2020, 15, e0237302.		0
53	Chest CT findings related to mortality of patients with COVID-19: A retrospective case-series study. , 2020, 15, e0237302.		0
54	Chest CT findings related to mortality of patients with COVID-19: A retrospective case-series study. , 2020, 15, e0237302.		0

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55	Chest CT findings related to mortality of patients with COVID-19: A retrospective case-series study. , 2020, 15, e0237302.		0
56	Whole-Tumor Quantitative Apparent Diffusion Coefficient Histogram and Texture Analysis to Differentiation of Minimal Fat Angiomyolipoma from Clear Cell Renal Cell Carcinoma. Academic Radiology, 2019, 26, 632-639.	1.3	24
57	MRI native T1 and T2 mapping of myocardial segments in hypertrophic cardiomyopathy: tissue remodeling manifested prior to structure changes. British Journal of Radiology, 2019, 92, 20190634.	1.0	32
58	Controlled Nanoâ€“Bio Interface of Functional Nanoprobes for in Vivo Monitoring Enzyme Activity in Tumors. ACS Nano, 2019, 13, 1153-1167.	7.3	16
59	Comparison of prediction models with radiological semantic features and radiomics in lung cancer diagnosis of the pulmonary nodules: a case-control study. European Radiology, 2019, 29, 6100-6108.	2.3	40
60	Automatic Segmentation of Human Placenta Images With U-Net. IEEE Access, 2019, 7, 180083-180092.	2.6	22
61	Deep Learningâ€“based Method for Fully Automatic Quantification of Left Ventricle Function from Cine MR Images: A Multivendor, Multicenter Study. Radiology, 2019, 290, 81-88.	3.6	152
62	Application of wholeâ€lesion histogram analysis of pharmacokinetic parameters in dynamic contrastâ€enhanced MRI of breast lesions with the CAIPIRINHAâ€Dixonâ€TWISTâ€VIBE technique. Journal of Magnetic Resonance Imaging, 2018, 47, 91-96.	1.9	28
63	Multimodal 3D DenseNet for IDH Genotype Prediction in Gliomas. Genes, 2018, 9, 382.	1.0	91
64	Disrupted Causal Connectivity Anchored in the Posterior Cingulate Cortex in Amnestic Mild Cognitive Impairment. Frontiers in Neurology, 2017, 8, 10.	1.1	22
65	Recurrent primary mediastinal giant cell tumor of soft tissue with radiological findings: a rare case report and literature review. World Journal of Surgical Oncology, 2017, 15, 137.	0.8	8
66	Robust surface coating for a fast, facile fluorine-18 labeling of iron oxide nanoparticles for PET/MR dual-modality imaging. Nanoscale, 2016, 8, 19644-19653.	2.8	20
67	Pancreatic Head Carcinoma Versus Chronic Pancreatitis of Pancreatic Head: MR Imaging. Chinese-German Journal of Clinical Oncology, 2005, 4, 16-20.	0.1	0
68	Study of MR Imaging and MR Spectroscopy in the Diagnosis of Gliomatosis Cerebri. Chinese-German Journal of Clinical Oncology, 2005, 4, 373-377.	0.1	2