

Tao Ai

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.

42
papers

4,097
citations

17
h-index

44
g-index

44
ext. papers

5,112
ext. citations

4.7
avg, IF

6.34
L-index

#	Paper	IF	Citations
42	Evaluation of suspicious breast lesions with diffusion kurtosis MR imaging and connection with prognostic factors. <i>European Journal of Radiology</i> , 2021 , 145, 110014	4.7	2
41	Detection and Classification of Breast Lesions With Readout-Segmented Diffusion-Weighted Imaging in a Large Chinese Cohort. <i>Frontiers in Oncology</i> , 2021 , 11, 636471	5.3	0
40	The Use of DCE-MRI to Evaluate the Blood Supply to the Nipple-Areola Complex: A Study in 245 Asian Women. <i>Aesthetic Surgery Journal</i> , 2021 , 41, NP346-NP354	2.4	1
39	Imaging of the Silicone Implant with a 3D SPACE MR Sequence: The Accuracy for Estimating Implant Volume and Reconstructing Implant Deformation in Breast Surgery. <i>Aesthetic Plastic Surgery</i> , 2021 , 45, 108-117	2	0
38	Accelerating acquisition of readout-segmented echo planar imaging with a simultaneous multi-slice (SMS) technique for diagnosing breast lesions. <i>European Radiology</i> , 2021 , 31, 2667-2676	8	2
37	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> , 2021 ,	4.3	2
36	Non-Mass Enhancements on DCE-MRI: Development and Validation of a Radiomics-Based Signature for Breast Cancer Diagnoses. <i>Frontiers in Oncology</i> , 2021 , 11, 738330	5.3	0
35	3D images of the silicone implants in capsular contracture after breast augmentation using magnetic resonance imaging with SPACE sequence. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2021 , 74, 2210-2216	1.7	0
34	The diagnostic performance of dynamic contrast-enhanced MRI and its correlation with subtypes of breast cancer.. <i>Medicine (United States)</i> , 2021 , 100, e28109	1.8	0
33	Early CT features and temporal lung changes in COVID-19 pneumonia in Wuhan, China. <i>European Journal of Radiology</i> , 2020 , 128, 109017	4.7	63
32	Association of "initial CT" findings with mortality in older patients with coronavirus disease 2019 (COVID-19). <i>European Radiology</i> , 2020 , 30, 6186-6193	8	33
31	Correlation of Chest CT and RT-PCR Testing for Coronavirus Disease 2019 (COVID-19) in China: A Report of 1014 Cases. <i>Radiology</i> , 2020 , 296, E32-E40	20.5	3121
30	Chest CT imaging features and severity scores as biomarkers for prognostic prediction in patients with COVID-19. <i>Annals of Translational Medicine</i> , 2020 , 8, 1449	3.2	17
29	Chest CT findings related to mortality of patients with COVID-19: A retrospective case-series study. <i>PLoS ONE</i> , 2020 , 15, e0237302	3.7	24
28	Serial Quantitative Chest CT Assessment of COVID-19: A Deep Learning Approach. <i>Radiology: Cardiothoracic Imaging</i> , 2020 , 2, e200075	8.3	203
27	Chest CT findings related to mortality of patients with COVID-19: A retrospective case-series study 2020 , 15, e0237302		
26	Chest CT findings related to mortality of patients with COVID-19: A retrospective case-series study 2020 , 15, e0237302		

25	Chest CT findings related to mortality of patients with COVID-19: A retrospective case-series study 2020 , 15, e0237302		
24	Chest CT findings related to mortality of patients with COVID-19: A retrospective case-series study 2020 , 15, e0237302		
23	Diagnosis of solitary pulmonary lesions with intravoxel incoherent motion diffusion-weighted MRI and semi-quantitative dynamic contrast-enhanced MRI. <i>Clinical Radiology</i> , 2019 , 74, 409.e7-409.e16	2.9	7
22	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> , 2019 , 92, 20190634	3.4	9
21	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> , 2018 , 47, 91-96	5.6	17
20	Multimodal 3D DenseNet for IDH Genotype Prediction in Gliomas. <i>Genes</i> , 2018 , 9,	4.2	64
19	Spectral CT Imaging of Lung Cancer: Quantitative Analysis of Spectral Parameters and Their Correlation with Tumor Characteristics. <i>Academic Radiology</i> , 2018 , 25, 1398-1404	4.3	14
18	Combination of magnetic resonance imaging and targeted contrast agent for the diagnosis of myocardial infarction. <i>Experimental and Therapeutic Medicine</i> , 2018 , 16, 3303-3308	2.1	1
17	Pathological changes of the nasolacrimal duct in rabbit models of chronic dacryocystitis: correlation with lacrimal endoscopic findings. <i>Graefers Archive for Clinical and Experimental Ophthalmology</i> , 2018 , 256, 2103-2112	3.8	2
16	Three dimensional orbital magnetic resonance T2-mapping in the evaluation of patients with Graves' ophthalmopathy. <i>Current Medical Science</i> , 2017 , 37, 938-942	2.8	1
15	Modeling Chronic Dacryocystitis in Rabbits by Nasolacrimal Duct Obstruction with Self-Curing Resin. <i>Journal of Ophthalmology</i> , 2017 , 2017, 3438041	2	4
14	In vivo morphological and functional evaluation of the lateral pterygoid muscle: a diffusion tensor imaging study. <i>British Journal of Radiology</i> , 2016 , 89, 20160041	3.4	9
13	Monoclonal antibody-conjugated superparamagnetic iron oxide nanoparticles for imaging of epidermal growth factor receptor-targeted cells and gliomas. <i>Molecular Imaging</i> , 2015 , 14,	3.7	35
12	Segmental quantitative MR imaging analysis of diurnal variation of water content in the lumbar intervertebral discs. <i>Korean Journal of Radiology</i> , 2015 , 16, 139-45	6.9	11
11	Metal artefact reduction in MRI at both 1.5 and 3.0 T using slice encoding for metal artefact correction and view angle tilting. <i>British Journal of Radiology</i> , 2015 , 88, 20140601	3.4	22
10	Diffusion tensor imaging in evaluation of thigh muscles in patients with polymyositis and dermatomyositis. <i>British Journal of Radiology</i> , 2014 , 87, 20140261	3.4	36
9	Assessment of coronary microvascular dysfunction in hypertrophic cardiomyopathy: first-pass myocardial perfusion cardiovascular magnetic resonance imaging at 1.5 T. <i>Clinical Radiology</i> , 2013 , 68, 676-82	2.9	14
8	Technical considerations in MR angiography: an image-based guide. <i>Journal of Magnetic Resonance Imaging</i> , 2013 , 37, 1326-41	5.6	15

7	Contrast dose, temporal footprint, and spatial resolution tradeoffs in dynamic contrast-enhanced MRA performed in a porcine model of a carotid aneurysm. <i>Journal of Computer Assisted Tomography</i> , 2013 , 37, 105-10	2.2	2
6	MRI contrast agents: basic chemistry and safety. <i>Journal of Magnetic Resonance Imaging</i> , 2012 , 36, 1060-71	3.6	197
5	Diagnostic performance of CUBE MRI sequences of the knee compared with conventional MRI. <i>Clinical Radiology</i> , 2012 , 67, e58-63	2.9	25
4	Value of diffusion-weighted magnetic resonance imaging in early diagnosis of ankylosing spondylitis. <i>Rheumatology International</i> , 2012 , 32, 4005-13	3.6	19
3	SEMAC-VAT and MSVAT-SPACE sequence strategies for metal artifact reduction in 1.5T magnetic resonance imaging. <i>Investigative Radiology</i> , 2012 , 47, 267-76	10.1	46
2	A historical overview of magnetic resonance imaging, focusing on technological innovations. <i>Investigative Radiology</i> , 2012 , 47, 725-41	10.1	43
1	The developmental history of the gadolinium chelates as intravenous contrast media for magnetic resonance. <i>Investigative Radiology</i> , 2011 , 46, 807-16	10.1	35