Cai Chang

List of Publications by Year
in descending order

41 papers	724 citations	759233 12 h-index	610901 24 g-index
47 all docs	47 docs citations	47 times ranked	795 citing authors

#	Article	IF	Citations
1	The Utility of the Fifth Edition of the BI-RADS Ultrasound Lexicon in Category 4 Breast Lesions: A Prospective Multicenter Study in China. Academic Radiology, 2022, 29, S26-S34.	2.5	7
2	Prediction for pathological and immunohistochemical characteristics of triple-negative invasive breast carcinomas: the performance comparison between quantitative and qualitative sonographic feature analysis. European Radiology, 2022, 32, 1590-1600.	4.5	7
3	Gail Model Improves the Diagnostic Performance of the Fifth Edition of Ultrasound BI-RADS for Predicting Breast Cancer: A Multicenter Prospective Study. Academic Radiology, 2022, 29, S1-S7.	2.5	8
4	Comprehensive Risk System Based on Shear Wave Elastography and BI-RADS Categories in Assessing Axillary Lymph Node Metastasis of Invasive Breast Cancerâ€”A Multicenter Study. Frontiers in Oncology, 2022, 12, 830910.	2.8	5
5	Preoperative Prediction of Central Cervical Lymph Node Metastasis in Fine-Needle Aspiration Reporting Suspicious Papillary Thyroid Cancer or Papillary Thyroid Cancer Without Lateral Neck Metastasis. Frontiers in Oncology, 2022, 12, 712723.	2.8	5
6	Ultrasound-based radiomics analysis for preoperative prediction of central and lateral cervical lymph node metastasis in papillary thyroid carcinoma: a multi-institutional study. BMC Medical Imaging, 2022, 22, 82.	2.7	12
7	Survival outcome assessment for triple-negative breast cancer: a nomogram analysis based on integrated clinicopathological, sonographic, and mammographic characteristics. European Radiology, 2022, 32, 6575-6587.	4.5	7
8	Ultrasound-Based Radiomic Nomogram for Predicting Lateral Cervical Lymph Node Metastasis in Papillary Thyroid Carcinoma. Academic Radiology, 2021, 28, 1675-1684.	2.5	44
9	Risk-predicted dual nomograms consisting of clinical and ultrasound factors for downgrading BI-RADS category 4a breast lesions - A multiple centre study. Journal of Cancer, 2021, 12, 292-304.	2.5	12
10	Radiogenomic Analysis of Papillary Thyroid Carcinoma for Prediction of Cervical Lymph Node Metastasis: A Preliminary Study. Frontiers in Oncology, 2021, 11, 682998.	2.8	13
11	Co-delivery of nanoparticle and molecular drug by hollow mesoporous organosilica for tumor-activated and photothermal-augmented chemotherapy of breast cancer. Journal of Nanobiotechnology, 2021, 19, 290.	9.1	18
12	Can ultrasound elastography help better manage mammographic BI-RADS category 4 breast lesions?. Clinical Breast Cancer, 2021, , .	2.4	2
13	Feasibility of Shear Wave Elastography Imaging for Evaluating the Biological Behavior of Breast Cancer. Frontiers in Oncology, 2021, 11, 820102.	2.8	4
14	The Association Between Ultrasound Features and Biological Properties of Invasive Breast Carcinoma Is Modified by Age, Tumor Size, and the Preoperative Axilla Status. Journal of Ultrasound in Medicine, 2020, 39, 1125-1134.	1.7	7
15	Lymph node metastasis prediction of papillary thyroid carcinoma based on transfer learning radiomics. Nature Communications, 2020, 11, 4807.	12.8	135
16	Prediction of Sentinel Lymph Node Metastasis in Breast Ductal Carcinoma In Situ Diagnosed by Preoperative Core Needle Biopsy. Frontiers in Oncology, 2020, 10, 590686.	2.8	2
17	Prediction of Pathologic Complete Response by Ultrasonography and Magnetic Resonance Imaging After Neoadjuvant Chemotherapy in Patients with Breast Cancer . Cancer Management and Research, 2020, Volume 12, 2603-2612.	1.9	18
18	BI-Modal Ultrasound Breast Cancer Diagnosis Via Multi-View Deep Neural Network SVM. , 2020, , .		7

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19	Tumor Proliferation and Invasiveness Derived From Ultrasound Appearances of Invasive Breast Cancers. Journal of Ultrasound in Medicine, 2020, 39, 1589-1599.	1.7	6
20	A New Model Incorporating Axillary Ultrasound After Neoadjuvant Chemotherapy to Predict Non-Sentinel Lymph Node Metastasis in Invasive Breast Cancer . Cancer Management and Research, 2020, Volume 12, 965-972.	1.9	6
21	Can Combined Screening of Ultrasound and Elastography Improve Breast Cancer Identification Compared with MRI in Women with Dense Breasts-a Multicenter Prospective Study. Journal of Cancer, 2020, 11, 3903-3909.	2.5	4
22	The Role of Contrast-Enhanced Ultrasound in the Diagnosis and Pathologic Response Prediction in Breast Cancer: A Meta-analysis and Systematic Review. Clinical Breast Cancer, 2020, 20, e490-e509.	2.4	11
23	Ultrasonographic appearance of triple-negative invasive breast carcinoma is associated with novel molecular subtypes based on transcriptomic analysis. Annals of Translational Medicine, 2020, 8, 435-435.	1.7	11
24	Sonographic Features of Triple-Negative Breast Carcinomas Are Correlated With mRNAâ€“lncRNA Signatures and Risk of Tumor Recurrence. Frontiers in Oncology, 2020, 10, 587422.	2.8	7
25	Ultrasound Imaging Characteristics of Breast Lesions Diagnosed During Pregnancy and Lactation. Breastfeeding Medicine, 2019, 14, 712-717.	1.7	7
26	Nodule Size Effect on Diagnostic Performance of Ultrasonography and Computed Tomography for Papillary Thyroid Carcinoma. Current Medical Imaging, 2019, 15, 489-495.	0.8	4
27	Prediction of Lymph Node Metastasis in Patients With Papillary Thyroid Carcinoma: A Radiomics Method Based on Preoperative Ultrasound Images. Technology in Cancer Research and Treatment, 2019, 18, 153303381983171.	1.9	70
28	Clinicopathologic and Ultrasound Variables Associated With a Heavy Axillary Nodal Tumor Burden in Invasive Breast Carcinoma. Journal of Ultrasound in Medicine, 2019, 38, 1747-1755.	1.7	7
29	Radiomics Analysis on Ultrasound for Prediction of Biologic Behavior in Breast Invasive Ductal Carcinoma. Clinical Breast Cancer, 2018, 18, e335-e344.	2.4	102
30	Does Lesion Size Affect the Value of Shear Wave Elastography for Differentiating Between Benign and Malignant Thyroid Nodules?. Journal of Ultrasound in Medicine, 2018, 37, 601-609.	1.7	19
31	Predicting Treatment Response of Breast Cancer to Neoadjuvant Chemotherapy Using Ultrasound-Guided Diffuse Optical Tomography. Translational Oncology, 2018, 11, 56-64.	3.7	12
32	Automated Identification and Localization of the Inferior Vena Cava Using Ultrasound: An Animal Study. Ultrasonic Imaging, 2018, 40, 232-244.	2.6	5
33	US-guided Diffuse Optical Tomography: Clinicopathological Features Affect Total Hemoglobin Concentration in Breast Cancer. Translational Oncology, 2018, 11, 845-851.	3.7	7
34	Triple-negative invasive breast carcinoma: the association between the sonographic appearances with clinicopathological feature. Scientific Reports, 2018, 8, 9040.	3.3	25
35	Sclerosing adenosis: Ultrasonographic and mammographic findings and correlation with histopathology. Molecular and Clinical Oncology, 2017, 6, 157-162.	1.0	17
36	Reproducibility of quantitative high-throughput BI-RADS features extracted from ultrasound images of breast cancer. Medical Physics, 2017, 44, 3676-3685.	3.0	16

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37	Is Ultrasonography More Sensitive Than Computed Tomography for Identifying Calcifications in Thyroid Nodules?. Journal of Ultrasound in Medicine, 2016, 35, 2183-2190.	1.7	5
38	Does Shear Wave Elastography Provide Additional Value in the Evaluation of Thyroid Nodules That Are Suspicious for Malignancy?. Journal of Ultrasound in Medicine, 2016, 35, 2397-2404.	1.7	21
39	Study on breast cancer animal model of tumor-micro vessel variation before and after the chemotherapy by contrast enhanced ultrasound quantitative analysis. Pakistan Journal of Pharmaceutical Sciences, 2016, 29, 1407-13.	0.2	0
40	Diastolic Dysfunction Occurs Early in HER2-Positive Breast Cancer Patients Treated Concurrently With Radiation Therapy and Trastuzumab. Oncologist, 2015, 20, 605-614.	3.7	33
41	Performance of breast cancer screening methods and modality among Chinese women: a report from a society-based breast screening program (SBSP) in Shanghai. SpringerPlus, 2013, 2, 276.	1.2	11