Heber Macmahon

List of Publications by Year
in descending order

161 papers	19,235 citations	28190 55 h-index	11581 135 g-index
163 all docs	163 docs citations	163 times ranked	13202 citing authors

#	Article	IF	Citations
1	Fleischner Society: Glossary of Terms for Thoracic Imaging. Radiology, 2008, 246, 697-722.	3.6	3,402
2	The Lung Image Database Consortium (LIDC) and Image Database Resource Initiative (IDRI): A Completed Reference Database of Lung Nodules on CT Scans. Medical Physics, 2011, 38, 915-931.	1.6	1,659
3	Guidelines for Management of Incidental Pulmonary Nodules Detected on CT Images: From the Fleischner Society 2017. Radiology, 2017, 284, 228-243.	3.6	1,587
4	Guidelines for Management of Small Pulmonary Nodules Detected on CT Scans: A Statement from the Fleischner Society. Radiology, 2005, 237, 395-400.	3.6	1,482
5	Recommendations for the Management of Subsolid Pulmonary Nodules Detected at CT: A Statement from the Fleischner Society. Radiology, 2013, 266, 304-317.	3.6	891
6	The American Association for Thoracic Surgery guidelines for lung cancer screening using low-dose computed tomography scans for lung cancer survivors and other high-risk groups. Journal of Thoracic and Cardiovascular Surgery, 2012, 144, 33-38.	0.4	554
7	The IASLC Lung Cancer Staging Project: Proposals for Coding T Categories for Subsolid Nodules and Assessment of Tumor Size in Part-Solid Tumors in the Forthcoming Eighth Edition of the TNM Classification of Lung Cancer. Journal of Thoracic Oncology, 2016, 11, 1204-1223.	0.5	530
8	Lung Image Database Consortium: Developing a Resource for the Medical Imaging Research Community. Radiology, 2004, 232, 739-748.	3.6	345
9	Computerized Detection of Pulmonary Nodules on CT Scans. Radiographics, 1999, 19, 1303-1311.	1.4	343
10	Improvement in Radiologists?? Detection of Clustered Microcalcifications on Mammograms. Investigative Radiology, 1990, 25, 1102-1110.	3.5	323
11	Image feature analysis and computer-aided diagnosis in digital radiography. I. Automated detection of microcalcifications in mammography. Medical Physics, 1987, 14, 538-548.	1.6	280
12	Lung Cancer: Performance of Automated Lung Nodule Detection Applied to Cancers Missed in a CT Screening Program. Radiology, 2002, 225, 685-692.	3.6	264
13	Recommendations for Measuring Pulmonary Nodules at CT: A Statement from the Fleischner Society. Radiology, 2017, 285, 584-600.	3.6	250
14	Malignant versus Benign Nodules at CT Screening for Lung Cancer: Comparison of Thin-Section CT Findings. Radiology, 2004, 233, 793-798.	3.6	226
15	Image feature analysis and computer-aided diagnosis in digital radiography. 3. Automated detection of nodules in peripheral lung fields. Medical Physics, 1988, 15, 158-166.	1.6	218
16	Automated detection of lung nodules in CT scans: Preliminary results. Medical Physics, 2001, 28, 1552-1561.	1.6	217
17	The IASLC Lung Cancer Staging Project: Background Data and Proposed Criteria to Distinguish Separate Primary Lung Cancers from Metastatic Foci in Patients with Two Lung Tumors in the Forthcoming Eighth Edition of the TNM Classification for Lung Cancer. Journal of Thoracic Oncology, 2016, 11, 651-665.	0.5	211
18	The IASLC Lung Cancer Staging Project: Methodology and Validation Used in the Development of Proposals for Revision of the Stage Classification of NSCLC in the Forthcoming (Eighth) Edition of the TNM Classification of Lung Cancer. Journal of Thoracic Oncology, 2016, 11, 1433-1446.	0.5	201

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19	Lung Cancers Missed at Low-Dose Helical CT Screening in a General Population: Comparison of Clinical, Histopathologic, and Imaging Findings. Radiology, 2002, 225, 673-683.	3.6	198
20	Image-processing technique for suppressing ribs in chest radiographs by means of massive training artificial neural network (MTANN). IEEE Transactions on Medical Imaging, 2006, 25, 406-416.	5.4	196
21	Computer-aided diagnosis in radiology: potential and pitfalls. European Journal of Radiology, 1999, 31, 97-109.	1.2	195
22	The Lung Image Database Consortium (LIDC) Data Collection Process for Nodule Detection and Annotation. Academic Radiology, 2007, 14, 1464-1474.	1.3	191
23	Digital image subtraction of temporally sequential chest images for detection of interval change. Medical Physics, 1994, 21, 453-461.	1.6	190
24	The IASLC Lung Cancer Staging Project: Summary of Proposals for Revisions of the Classification of Lung Cancers with Multiple Pulmonary Sites of Involvement in the Forthcoming Eighth Edition of the TNM Classification. Journal of Thoracic Oncology, 2016, 11, 639-650.	0.5	182
25	Computerized Detection of Pulmonary Nodules in Computed Tomography Images. Investigative Radiology, 1994, 29, 459-465.	3.5	180
26	The IASLC Lung Cancer Staging Project: Background Data and Proposals for the Application of TNM Staging Rules to Lung Cancer Presenting as Multiple Nodules with Ground Glass or Lepidic Features or a Pneumonic Type of Involvement in the Forthcoming Eighth Edition of the TNM Classification. Journal of Thoracic Oncology, 2016, 11, 666-680.	0.5	170
27	Computerized Analysis of the Likelihood of Malignancy in Solitary Pulmonary Nodules with Use of Artificial Neural Networks. Radiology, 2000, 214, 823-830.	3.6	134
28	Development of an improved CAD scheme for automated detection of lung nodules in digital chest images. Medical Physics, 1997, 24, 1395-1403.	1.6	132
29	Image feature analysis and computer-aided diagnosis in digital radiography: Detection and characterization of interstitial lung disease in digital chest radiographs. Medical Physics, 1988, 15, 311-319.	1.6	128
30	Comprehensive Genomic Profiling Identifies a Subset of Crizotinib-Responsive ALK-Rearranged Non-Small Cell Lung Cancer Not Detected by Fluorescence In Situ Hybridization. Oncologist, 2016, 21, 762-770.	1.9	119
31	Computer-aided Diagnosis of Pulmonary Nodules: Results of a Large-Scale Observer Test. Radiology, 1999, 213, 723-726.	3.6	115
32	False-positive reduction in computer-aided diagnostic scheme for detecting nodules in chest radiographs by means of massive training artificial neural network1. Academic Radiology, 2005, 12, 191-201.	1.3	114
33	Computer-aided Detection of Peripheral Lung Cancers Missed at CT: ROC Analyses without and with Localization. Radiology, 2005, 237, 684-690.	3.6	113
34	Development of The American Association for Thoracic Surgery guidelines for low-dose computed tomography scans to screen for lung cancer in North America. Journal of Thoracic and Cardiovascular Surgery, 2012, 144, 25-32.	0.4	109
35	Computerized detection of pulmonary embolism in spiral CT angiography based on volumetric image analysis. IEEE Transactions on Medical Imaging, 2002, 21, 1517-1523.	5.4	108
36	Iterative image warping technique for temporal subtraction of sequential chest radiographs to detect interval change. Medical Physics, 1999, 26, 1320-1329.	1.6	103

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37	The IASLC Lung Cancer Staging Project: Background Data and Proposals for the Classification of Lung Cancer with Separate Tumor Nodules in the Forthcoming Eighth Edition of the TNM Classification for Lung Cancer. Journal of Thoracic Oncology, 2016, 11, 681-692.	0.5	101
38	The Lung Image Database Consortium (LIDC). Academic Radiology, 2007, 14, 1475-1485.	1.3	100
39	Management of Lung Nodules and Lung Cancer Screening During the COVID-19 Pandemic. Chest, 2020, 158, 406-415.	0.4	95
40	Radiologists' Performance for Differentiating Benign from Malignant Lung Nodules on High-Resolution CT Using Computer-Estimated Likelihood of Malignancy. American Journal of Roentgenology, 2004, 183, 1209-1215.	1.0	93
41	The Lung Image Database Consortium (LIDC): An Evaluation of Radiologist Variability in the Identification of Lung Nodules on CT Scans. Academic Radiology, 2007, 14, 1409-1421.	1.3	91
42	Automated lung segmentation in digitized posteroanterior chest radiographs. Academic Radiology, 1998, 5, 245-255.	1.3	89
43	Computerized detection of pulmonary nodules in digital chest images: Use of morphological filters in reducing false-positive detections. Medical Physics, 1990, 17, 861-865.	1.6	84
44	Artificial neural networks in chest radiography: Application to the differential diagnosis of interstitial lung disease. Academic Radiology, 1999, 6, 2-9.	1.3	80
45	Image feature analysis and computer-aided diagnosis in digital radiography: Classification of normal and abnormal lungs with interstitial disease in chest images. Medical Physics, 1989, 16, 38-44.	1.6	79
46	Computer-aided Diagnosis to Distinguish Benign from Malignant Solitary Pulmonary Nodules on Radiographs: ROC Analysis of Radiologistsâ€™ Performanceâ€”Initial Experience. Radiology, 2003, 227, 469-474.	3.6	76
47	Evaluation of Lung MDCT Nodule Annotation Across Radiologists and Methods. Academic Radiology, 2006, 13, 1254-1265.	1.3	76
48	Application of temporal subtraction for detection of interval changes on chest radiographs: Improvement of subtraction images using automated initial image matching. Journal of Digital Imaging, 1999, 12, 77-86.	1.6	75
49	Measurement of mesothelioma on thoracic CT scans: A comparison of manual and computer-assisted techniques. Medical Physics, 2004, 31, 1105-1115.	1.6	72
50	Automated computerized scheme for distinction between benign and malignant solitary pulmonary nodules on chest images. Medical Physics, 2002, 29, 701-708.	1.6	67
51	Computer-aided Diagnosis in Chest Radiography: Results of Large-Scale Observer Tests at the 1996â€“2001 RSNA Scientific Assemblies. Radiographics, 2003, 23, 255-265.	1.4	67
52	Assessment of Radiologist Performance in the Detection of Lung Nodules. Academic Radiology, 2009, 16, 28-38.	1.3	67
53	Development and evaluation of a computerâ€aided diagnostic scheme for lung nodule detection in chest radiographs by means of twoâ€stage nodule enhancement with support vector classification. Medical Physics, 2011, 38, 1844-1858.	1.6	65
54	Image feature analysis and computer-aided diagnosis in digital radiography: Automated analysis of sizes of heart and lung in chest images. Medical Physics, 1990, 17, 342-350.	1.6	62

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55	Lung Cancers Missed on Chest Radiographs: Results Obtained with a Commercial Computer-aided Detection Program. Radiology, 2008, 246, 273-280.	3.6	60
56	Computer-aided diagnosis in chest radiology. Journal of Thoracic Imaging, 1990, 5, 67-76.	0.8	56
57	Computer-Aided Diagnosis in Thoracic CT. Seminars in Ultrasound, CT and MRI, 2005, 26, 357-363.	0.7	55
58	Image feature analysis and computer-aided diagnosis in digital radiography: Automated detection of pneumothorax in chest images. Medical Physics, 1992, 19, 1153-1160.	1.6	54
59	Performance of Radiologists in Detection of Small Pulmonary Nodules on Chest Radiographs: Effect of Rib Suppression With a Massive-Training Artificial Neural Network. American Journal of Roentgenology, 2009, 193, W397-W402.	1.0	54
60	Computer-aided Diagnosis for the Detection and Classification of Lung Cancers on Chest Radiographs. Academic Radiology, 2006, 13, 995-1003.	1.3	52
61	Improved Detection of Small Lung Cancers with Dual-Energy Subtraction Chest Radiography. American Journal of Roentgenology, 2008, 190, 886-891.	1.0	51
62	Small Lung Cancers: Improved Detection by Use of Bone Suppression Imagingâ€”Comparison with Dual-Energy Subtraction Chest Radiography. Radiology, 2011, 261, 937-949.	3.6	51
63	The Lung Image Database Consortium (LIDC). Academic Radiology, 2007, 14, 1455-1463.	1.3	50
64	The IASLC Lung Cancer Staging Project: A Renewed Call to Participation. Journal of Thoracic Oncology, 2018, 13, 801-809.	0.5	49
65	CT Findings, Radiologic-Pathologic Correlation, and Imaging Predictors of Survival for Patients With Interstitial Pneumonia With Autoimmune Features. American Journal of Roentgenology, 2017, 208, 1229-1236.	1.0	47
66	Dual Energy Subtraction and Temporal Subtraction Chest Radiography. Journal of Thoracic Imaging, 2008, 23, 77-85.	0.8	45
67	Image feature analysis and computer-aided diagnosis in digital radiography: Effect of digital parameters on the accuracy of computerized analysis of interstitial disease in digital chest radiographs. Medical Physics, 1990, 17, 72-78.	1.6	44
68	Variability in Mesothelioma Tumor Response Classification. American Journal of Roentgenology, 2006, 186, 1000-1006.	1.0	43
69	Computerized Scheme for the Detection of Pulmonary Nodules. Investigative Radiology, 1992, 27, 124-129.	3.5	42
70	Computerized analysis of interstitial disease in chest radiographs: Improvement of geometric-pattern feature analysis. Medical Physics, 1997, 24, 915-924.	1.6	42
71	Potential Usefulness of Computerized Nodule Detection in Screening Programs for Lung Cancer. Investigative Radiology, 1992, 27, 471-475.	3.5	39
72	Improved Detection of Subtle Lung Nodules by Use of Chest Radiographs With Bone Suppression Imaging: Receiver Operating Characteristic Analysis With and Without Localization. American Journal of Roentgenology, 2011, 196, W535-W541.	1.0	39

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73	Effect of Heart-Size Parameters Computed from Digital Chest Radiographs on Detection of Cardiomegaly. Investigative Radiology, 1991, 26, 546-550.	3.5	38
74	Comparison of the quality of temporal subtraction images obtained with manual and automated methods of digital chest radiography. Journal of Digital Imaging, 1999, 12, 166-172.	1.6	36
75	Artificial neural networks (ANNs) for differential diagnosis of interstitial lung disease : results of a simulation test with actual clinical cases1. Academic Radiology, 2004, 11, 29-37.	1.3	36
76	Improvement in Detection of Pulmonary Nodules: Digital Image Processing and Computer-aided Diagnosis. Radiographics, 2000, 20, 1169-1177.	1.4	34
77	Contralateral subtraction: A novel technique for detection of asymmetric abnormalities on digital chest radiographs. Medical Physics, 2000, 27, 47-55.	1.6	34
78	Evaluation of Semiautomated Measurements of Mesothelioma Tumor Thickness on CT Scans1. Academic Radiology, 2005, 12, 1301-1309.	1.3	33
79	Evaluation of automated lung nodule detection on low-dose computed tomography scans from a lung cancer screening program1. Academic Radiology, 2005, 12, 337-346.	1.3	33
80	Variable radiological lung nodule evaluation leads to divergent management recommendations. European Respiratory Journal, 2018, 52, 1801359.	3.1	32
81	Comparison of imaging properties of a computed radiography system and screen-film systems. Medical Physics, 1991, 18, 414-420.	1.6	30
82	Classification of normal and abnormal lungs with interstitial diseases by rule-based method and artificial neural networks. Journal of Digital Imaging, 1997, 10, 108-114.	1.6	29
83	Image feature analysis and computer-aided diagnosis in digital radiography: Automated delineation of posterior ribs in chest images. Medical Physics, 1991, 18, 964-971.	1.6	28
84	Application of artificial neural networks for quantitative analysis of image data in chest radiographs for detection of interstitial lung disease. Journal of Digital Imaging, 1998, 11, 182-192.	1.6	28
85	Computer-aided diagnosis in chest radiology. Seminars in Ultrasound, CT and MRI, 2004, 25, 432-437.	0.7	28
86	Computer-aided diagnosis for interstitial infiltrates in chest radiographs: Optical-density dependence of texture measures. Medical Physics, 1995, 22, 1515-1522.	1.6	27
87	Improved detection of focal pneumonia by chest radiography with bone suppression imaging. European Radiology, 2012, 22, 2729-2735.	2.3	27
88	Effect of temporal subtraction images on radiologistsâ€™ detection of lung cancer on CT: Results of the observer performance study with use of film computed tomography images1. Academic Radiology, 2004, 11, 1337-1343.	1.3	26
89	Automated lung segmentation in digital lateral chest radiographs. Medical Physics, 1998, 25, 1507-1520.	1.6	25
90	Use of an Artificial Neural Network to Determine the Diagnostic Value of Specific Clinical and Radiologic Parameters in the Diagnosis of Interstitial Lung Disease on Chest Radiographs. Academic Radiology, 2002, 9, 13-17.	1.3	25

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91	Comprehensive genetic testing identifies targetable genomic alterations in most patients with non-small cell lung cancer, specifically adenocarcinoma, single institute investigation. Oncotarget, 2016, 7, 18876-18886.	0.8	25
92	Low-dose computed tomography screening for lung cancer in a general population. Academic Radiology, 2003, 10, 1013-1020.	1.3	24
93	Automated selection of regions of interest for quantitative analysis of lung textures in digital chest radiographs. Medical Physics, 1993, 20, 975-982.	1.6	23
94	Towards radiologist-level cancer risk assessment in CT lung screening using deep learning. Computerized Medical Imaging and Graphics, 2021, 90, 101883.	3.5	23
95	Quantitative analysis of geometric-pattern features of interstitial infiltrates in digital chest radiographs: Preliminary results. Journal of Digital Imaging, 1996, 9, 137-144.	1.6	22
96	Computer-Aided Nodule Detection System. Academic Radiology, 2015, 22, 475-480.	1.3	22
97	Digital Chest Radiography: Practical Issues. Journal of Thoracic Imaging, 2003, 18, 138-147.	0.8	21
98	Geographic Variation in Radiologist Capacity and Widespread Implementation of Lung Cancer CT Screening. Journal of Medical Screening, 2014, 21, 207-215.	1.1	21
99	Temporal subtraction of dual-energy chest radiographs. Medical Physics, 2006, 33, 1911-1919.	1.6	20
100	Compliance with Fleischner Society Guidelines for Management of Lung Nodules: Lessons and Opportunities. Radiology, 2010, 255, 14-15.	3.6	20
101	Computerized detection of abnormal asymmetry in digital chest radiographs. Medical Physics, 1994, 21, 1761-1768.	1.6	19
102	Computerized analysis of interstitial infiltrates on chest radiographs: A new scheme based on geometric pattern features and fourier analysis. Academic Radiology, 1995, 2, 455-462.	1.3	19
103	<title>Three-dimensional approach to lung nodule detection in helical CT</title>. , 1999, , .		19
104	Automated Segmentation and Visualization of the Pulmonary Vascular Tree in Spiral CT Angiography: An Anatomy-Oriented Approach Based on Three-Dimensional Image Analysis. Journal of Computer Assisted Tomography, 2001, 25, 587-597.	0.5	19
105	Detection of Lung Nodules on Digital Chest Radiographs: Potential Usefulness of a New Contralateral Subtraction Technique1ÂÂ. Radiology, 2002, 223, 199-203.	3.6	19
106	An Investigation of Radiologists' Perception of Lesion Similarity. Academic Radiology, 2008, 15, 887-894.	1.3	19
107	Digital Chest Radiography. Clinics in Chest Medicine, 1991, 12, 19-32.	0.8	19
108	Managing Incidental Findings on Thoracic CT: Lung Findings. A White Paper of the ACR Incidental Findings Committee. Journal of the American College of Radiology, 2021, 18, 1267-1279.	0.9	18

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109	The nature and subtlety of abnormal findings in chest radiographs. Medical Physics, 1991, 18, 206-210.	1.6	17
110	Development of a high quality film duplication system using a laser digitizer: Comparison with computed radiography. Medical Physics, 1993, 20, 51-58.	1.6	17
111	Computerized delineation and analysis of costophrenic angles in digital chest radiographs. Academic Radiology, 1998, 5, 329-335.	1.3	17
112	Variability of tumor area measurements for response assessment in malignant pleural mesothelioma. Medical Physics, 2013, 40, 081916.	1.6	17
113	Management of Lung Nodules and Lung Cancer Screening During the COVID-19 Pandemic. Journal of the American College of Radiology, 2020, 17, 845-854.	0.9	17
114	Management of Lung Nodules and Lung Cancer Screening During the COVID-19 Pandemic: CHEST Expert Panel Report. Radiology Imaging Cancer, 2020, 2, e204013.	0.7	17
115	Temporal subtraction in chest radiography: Automated assessment of registration accuracy. Medical Physics, 2006, 33, 1239-1249.	1.6	15
116	Improving Radiologistsâ€™ Recommendations With Computer-Aided Diagnosis for Management of Small Nodules Detected by CT. Academic Radiology, 2006, 13, 943-950.	1.3	14
117	The effect of x-ray beam alignment on the performance of antiscatter grids. Medical Physics, 1996, 23, 1347-1350.	1.6	13
118	Potential usefulness of digital imaging in clinical diagnostic radiology: Computer-aided diagnosis. Journal of Digital Imaging, 1995, 8, 2-7.	1.6	12
119	Accuracy of the Vancouver Lung Cancer Risk Prediction Model Compared With ThatÂof Radiologists. Chest, 2019, 156, 112-119.	0.4	11
120	Evaluation of an asymmetric screen-film system for chest radiography. Medical Physics, 1994, 21, 1769-1775.	1.6	10
121	Automated registration of ventilation-perfusion images with digital chest radiographs. Academic Radiology, 1997, 4, 183-192.	1.3	10
122	Unique metastases of ALK mutated lung cancer activated to the adnexa of the uterus. Case Reports in Clinical Pathology, 2014, 1, 151-154.	0.0	10
123	<title>Automated detection of pulmonary nodules in helical computed tomography images of the thorax</title>. , 1998, 3338, 916.		9
124	<title>Analysis of a three-dimensional lung nodule detection method for thoracic CT scans</title>. , 2000, 3979, 103.		9
125	<title>Computer-assisted detection of pulmonary embolism</title>. , 2000, 3979, 944.		8
126	<title>Computerized lung nodule detection: comparison of performance for low-dose and standard-dose helical CT scans</title>. , 2001, , .		8

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127	Clinical significance of noncalcified lung nodules in patients with breast cancer. Breast Cancer Research and Treatment, 2016, 159, 265-271.	1.1	8
128	Efficacy of computed tomography of the thorax and upper abdomen and whole-body gallium scintigraphy for staging of lung cancer. Cancer, 1989, 64, 1404-1408.	2.0	7
129	Temporal subtraction chest radiography. European Journal of Radiology, 2009, 72, 238-243.	1.2	7
130	Optical and Digital Techniques for Enhancing Radiographic Anatomy for Identification of Human Remains. Journal of Forensic Sciences, 1996, 41, 947-959.	0.9	7
131	Development of a digital duplication system for portable chest radiographs. Journal of Digital Imaging, 1994, 7, 146-153.	1.6	6
132	Digital chest radiography at the University of Chicago: Present status and future plans. Journal of Digital Imaging, 1995, 8, 11-14.	1.6	6
133	Research Imaging in an Academic Medical Center. Academic Radiology, 2012, 19, 762-771.	1.3	6
134	The Effect of an Electronic Peer-Review Auditing System on Faculty-Dictated Radiology Report Error Rates. Journal of the American College of Radiology, 2016, 13, 1215-1218.	0.9	6
135	The Lung Image Database Consortium (LIDC): pulmonary nodule measurements, the variation, and the difference between different size metrics. , 2007, , .		5
136	Lung Cancer Screening: What Is the Effect of Using a Larger Nodule Threshold Size to Determine Who Is Assigned to Short-term CT Follow-up?. Radiology, 2014, 273, 326-327.	3.6	5
137	<title>Artificial neural networks in chest radiographs: detection and characterization of interstitial lung disease</title>. , 1997, , .		4
138	True Detection Versus â€œAccidentalâ€•Detection of Small Lung Cancer by a Computer-Aided Detection (CAD) Program on Chest Radiographs. Journal of Digital Imaging, 2010, 23, 66-72.	1.6	4
139	The Value of a Disease-Specific Template and an IT-Based Quality Tracking System in Pulmonary Embolism CT Angiography. Journal of the American College of Radiology, 2018, 15, 988-992.	0.9	4
140	Deep neural network convolution (NNC) for three-class classification of diffuse lung disease opacities in high-resolution CT (HRCT): Consolidation, ground-glass opacity (GGO), and normal opacity. , 2018, , .		4
141	Computerized analysis of abnormal asymmetry in digital chest radiographs: Evaluation of potential utility. Journal of Digital Imaging, 1999, 12, 34-42.	1.6	3
142	Automated registration of frontal and lateral radionuclide lung scans with digital chest radiographs. Academic Radiology, 2000, 7, 530-539.	1.3	3
143	Usefulness of computerized scheme for differentiating benign from malignant lung nodules on high-resolution CT. International Congress Series, 2004, 1268, 946-951.	0.2	3
144	ROC Curve for Extremely Subtle Lung Nodules on Chest Radiographs Confirmed by CT Scan. Academic Radiology, 2016, 23, 297-303.	1.3	3

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145	Deep convolutional neural networks in the classification of dual-energy thoracic radiographic views for efficient workflow: analysis on over 6500 clinical radiographs. Journal of Medical Imaging, 2020, 7, 1.	0.8	3
146	Dual-film cassette technique for studying the effect of radiographic image quality on diagnostic accuracy. Medical Physics, 1984, 11, 646-652.	1.6	2
147	The Lung Image Database Consortium (LIDC): a quality assurance model for the collection of expert-defined truth in lung-nodule-based image analysis studies. , 2007, , .		2
148	Temporal subtraction in chest radiography: Mutual information as a measure of image quality. Medical Physics, 2009, 36, 5675-5682.	1.6	2
149	Coronary Artery Calcification Reporting Compliance. Journal of the American College of Radiology, 2017, 14, 525-527.	0.9	2
150	Using Computer Analysis to Predict Likelihood of Cancer in Lung Nodules. Radiology, 2018, 286, 296-297.	3.6	2
151	Temporal subtraction of 'virtual dual-energy' chest radiographs for improved conspicuity of growing cancers and other pathologic changes. , 2011, , .		1
152	Correlation of patient survival with clinical tumor measurements in malignant pleural mesothelioma. European Radiology, 2019, 29, 2981-2988.	2.3	1
153	Radiologic Assessment of Mesothelioma. , 2005, , 433-453.		1
154	Effect of the computer output on radiologistsâ€™ decision-making for classification of solitary pulmonary nodules in chest radiographs. , 2002, , 712-716.		1
155	Computerized Detection of Lung Nodules. , 2002, , .		0
156	Effect of CAD on radiologists' responses in distinction between malignant and benign pulmonary nodules on high-resolution CT. , 2005, , .		0
157	Digital Radiography. Journal of Thoracic Imaging, 2010, 25, 29-31.	0.8	0
158	Response. Chest, 2019, 156, 810-811.	0.4	0
159	Criteria for Low-Dose CT Lung Cancer Screening in the Setting of Air Pollution. Chest, 2021, 159, 42-45.	0.4	0
160	Anatomic Pointâ€“Based Lung Region with Zone Identification for Radiologist Annotation and Machine Learning for Chest Radiographs. Journal of Digital Imaging, 2021, 34, 922-931.	1.6	0
161	6. COMPARISON OF IMAGING PROPERTIES OF A COMPUTED RADIOGRAPHY SYSTEM AND SCREEN-FILM SYSTEMS EVALUATED IN THE UNIVERSITY OF CHICAGO. Japanese Journal of Radiological Technology, 1991, 47, 870-874.	0.0	0