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	Criteria for Low-Dose CT Lung Cancer Screening in the Setting of Air Pollution. Chest, 2021, 159, 42-45.	0.4	0
2	Towards radiologist-level cancer risk assessment in CT lung screening using deep learning. Computerized Medical Imaging and Graphics, 2021, 90, 101883.	3.5	23
3	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
4	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
5	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
6	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
7	Management of Lung Nodules and Lung Cancer Screening During the COVID-19 Pandemic. Chest, 2020, 158, 406-415.	0.4	95
8	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
9	Response. Chest, 2019, 156, 810-811.	0.4	0
10	Accuracy of the Vancouver Lung Cancer Risk Prediction Model Compared With ThatÂof Radiologists. Chest, 2019, 156, 112-119.	0.4	11
11	Correlation of patient survival with clinical tumor measurements in malignant pleural mesothelioma. European Radiology, 2019, 29, 2981-2988.	2.3	1
12	The IASLC Lung Cancer Staging Project: A Renewed Call to Participation. Journal of Thoracic Oncology, 2018, 13, 801-809.	0.5	49
13	Using Computer Analysis to Predict Likelihood of Cancer in Lung Nodules. Radiology, 2018, 286, 296-297.	3.6	2
14	Variable radiological lung nodule evaluation leads to divergent management recommendations. European Respiratory Journal, 2018, 52, 1801359.	3.1	32
15	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
16	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
17	Coronary Artery Calcification Reporting Compliance. Journal of the American College of Radiology, 2017, 14, 525-527.	0.9	2
18	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

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19	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
20	Recommendations for Measuring Pulmonary Nodules at CT: A Statement from the Fleischner Society. Radiology, 2017, 285, 584-600.	3.6	250
21	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
22	Clinical significance of noncalcified lung nodules in patients with breast cancer. Breast Cancer Research and Treatment, 2016, 159, 265-271.	1.1	8
23	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
24	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
25	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
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	ROC Curve for Extremely Subtle Lung Nodules on Chest Radiographs Confirmed by CT Scan. Academic Radiology, 2016, 23, 297-303.	1.3	3
28	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
29	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
30	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
31	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
32	Computer-Aided Nodule Detection System. Academic Radiology, 2015, 22, 475-480.	1.3	22
33	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
34	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
35	Geographic Variation in Radiologist Capacity and Widespread Implementation of Lung Cancer CT Screening. Journal of Medical Screening, 2014, 21, 207-215.	1.1	21
36	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

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37	Variability of tumor area measurements for response assessment in malignant pleural mesothelioma. Medical Physics, 2013, 40, 081916.	1.6	17
38	Improved detection of focal pneumonia by chest radiography with bone suppression imaging. European Radiology, 2012, 22, 2729-2735.	2.3	27
39	Research Imaging in an Academic Medical Center. Academic Radiology, 2012, 19, 762-771.	1.3	6
40	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
41	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
42	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
43	Temporal subtraction of 'virtual dual-energy' chest radiographs for improved conspicuity of growing cancers and other pathologic changes. , 2011, , .		1
44	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
45	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
46	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
47	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
48	Digital Radiography. Journal of Thoracic Imaging, 2010, 25, 29-31.	0.8	0
49	Compliance with Fleischner Society Guidelines for Management of Lung Nodules: Lessons and Opportunities. Radiology, 2010, 255, 14-15.	3.6	20
50	Temporal subtraction in chest radiography: Mutual information as a measure of image quality. Medical Physics, 2009, 36, 5675-5682.	1.6	2
51	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
52	Temporal subtraction chest radiography. European Journal of Radiology, 2009, 72, 238-243.	1.2	7
53	Assessment of Radiologist Performance in the Detection of Lung Nodules. Academic Radiology, 2009, 16, 28-38.	1.3	67
54	Fleischner Society: Glossary of Terms for Thoracic Imaging. Radiology, 2008, 246, 697-722.	3.6	3,402

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55	An Investigation of Radiologists' Perception of Lesion Similarity. Academic Radiology, 2008, 15, 887-894.	1.3	19
56	Improved Detection of Small Lung Cancers with Dual-Energy Subtraction Chest Radiography. American Journal of Roentgenology, 2008, 190, 886-891.	1.0	51
57	Lung Cancers Missed on Chest Radiographs: Results Obtained with a Commercial Computer-aided Detection Program. Radiology, 2008, 246, 273-280.	3.6	60
58	Dual Energy Subtraction and Temporal Subtraction Chest Radiography. Journal of Thoracic Imaging, 2008, 23, 77-85.	0.8	45
59	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
60	The Lung Image Database Consortium (LIDC): pulmonary nodule measurements, the variation, and the difference between different size metrics. , 2007, , .		5
61	The Lung Image Database Consortium (LIDC) Data Collection Process for Nodule Detection and Annotation. Academic Radiology, 2007, 14, 1464-1474.	1.3	191
62	The Lung Image Database Consortium (LIDC). Academic Radiology, 2007, 14, 1455-1463.	1.3	50
63	The Lung Image Database Consortium (LIDC). Academic Radiology, 2007, 14, 1475-1485.	1.3	100
64	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
65	Computer-aided Diagnosis for the Detection and Classification of Lung Cancers on Chest Radiographs. Academic Radiology, 2006, 13, 995-1003.	1.3	52
66	Improving Radiologistsâ€™ Recommendations With Computer-Aided Diagnosis for Management of Small Nodules Detected by CT. Academic Radiology, 2006, 13, 943-950.	1.3	14
67	Evaluation of Lung MDCT Nodule Annotation Across Radiologists and Methods. Academic Radiology, 2006, 13, 1254-1265.	1.3	76
68	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
69	Variability in Mesothelioma Tumor Response Classification. American Journal of Roentgenology, 2006, 186, 1000-1006.	1.0	43
70	Temporal subtraction in chest radiography: Automated assessment of registration accuracy. Medical Physics, 2006, 33, 1239-1249.	1.6	15
71	Temporal subtraction of dual-energy chest radiographs. Medical Physics, 2006, 33, 1911-1919.	1.6	20
72	Effect of CAD on radiologists' responses in distinction between malignant and benign pulmonary nodules on high-resolution CT. , 2005, , .		0

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73	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
74	Computer-aided Detection of Peripheral Lung Cancers Missed at CT: ROC Analyses without and with Localization. Radiology, 2005, 237, 684-690.	3.6	113
75	Computer-Aided Diagnosis in Thoracic CT. Seminars in Ultrasound, CT and MRI, 2005, 26, 357-363.	0.7	55
76	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
77	Evaluation of Semiautomated Measurements of Mesothelioma Tumor Thickness on CT Scans1. Academic Radiology, 2005, 12, 1301-1309.	1.3	33
78	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
79	Radiologic Assessment of Mesothelioma. , 2005, , 433-453.		1
80	Measurement of mesothelioma on thoracic CT scans: A comparison of manual and computer-assisted techniques. Medical Physics, 2004, 31, 1105-1115.	1.6	72
81	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
82	Malignant versus Benign Nodules at CT Screening for Lung Cancer: Comparison of Thin-Section CT Findings. Radiology, 2004, 233, 793-798.	3.6	226
83	Lung Image Database Consortium: Developing a Resource for the Medical Imaging Research Community. Radiology, 2004, 232, 739-748.	3.6	345
84	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
85	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
86	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
87	Computer-aided diagnosis in chest radiology. Seminars in Ultrasound, CT and MRI, 2004, 25, 432-437.	0.7	28
88	Low-dose computed tomography screening for lung cancer in a general population. Academic Radiology, 2003, 10, 1013-1020.	1.3	24
89	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
90	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

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91	Digital Chest Radiography: Practical Issues. Journal of Thoracic Imaging, 2003, 18, 138-147.	0.8	21
92	Automated computerized scheme for distinction between benign and malignant solitary pulmonary nodules on chest images. Medical Physics, 2002, 29, 701-708.	1.6	67
93	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
94	Detection of Lung Nodules on Digital Chest Radiographs: Potential Usefulness of a New Contralateral Subtraction Technique1ÂÂ. Radiology, 2002, 223, 199-203.	3.6	19
95	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
96	Computerized Detection of Lung Nodules. , 2002, , .		0
97	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
98	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
99	Effect of the computer output on radiologistsâ€™ decision-making for classification of solitary pulmonary nodules in chest radiographs. , 2002, , 712-716.		1
100	Automated detection of lung nodules in CT scans: Preliminary results. Medical Physics, 2001, 28, 1552-1561.	1.6	217
101	<title>Computerized lung nodule detection: comparison of performance for low-dose and standard-dose helical CT scans</title>. , 2001, , .		8
102	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
103	<title>Analysis of a three-dimensional lung nodule detection method for thoracic CT scans</title>. , 2000, 3979, 103.		9
104	<title>Computer-assisted detection of pulmonary embolism</title>. , 2000, 3979, 944.		8
105	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
106	Improvement in Detection of Pulmonary Nodules: Digital Image Processing and Computer-aided Diagnosis. Radiographics, 2000, 20, 1169-1177.	1.4	34
107	Contralateral subtraction: A novel technique for detection of asymmetric abnormalities on digital chest radiographs. Medical Physics, 2000, 27, 47-55.	1.6	34
108	Automated registration of frontal and lateral radionuclide lung scans with digital chest radiographs. Academic Radiology, 2000, 7, 530-539.	1.3	3

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109	<title>Three-dimensional approach to lung nodule detection in helical CT</title>. , 1999, , .		19
110	Computer-aided Diagnosis of Pulmonary Nodules: Results of a Large-Scale Observer Test. Radiology, 1999, 213, 723-726.	3.6	115
111	Iterative image warping technique for temporal subtraction of sequential chest radiographs to detect interval change. Medical Physics, 1999, 26, 1320-1329.	1.6	103
112	Computerized Detection of Pulmonary Nodules on CT Scans. Radiographics, 1999, 19, 1303-1311.	1.4	343
113	Computerized analysis of abnormal asymmetry in digital chest radiographs: Evaluation of potential utility. Journal of Digital Imaging, 1999, 12, 34-42.	1.6	3
114	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
115	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
116	Computer-aided diagnosis in radiology: potential and pitfalls. European Journal of Radiology, 1999, 31, 97-109.	1.2	195
117	Artificial neural networks in chest radiography: Application to the differential diagnosis of interstitial lung disease. Academic Radiology, 1999, 6, 2-9.	1.3	80
118	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
119	Automated lung segmentation in digitized posteroanterior chest radiographs. Academic Radiology, 1998, 5, 245-255.	1.3	89
120	Computerized delineation and analysis of costophrenic angles in digital chest radiographs. Academic Radiology, 1998, 5, 329-335.	1.3	17
121	Automated lung segmentation in digital lateral chest radiographs. Medical Physics, 1998, 25, 1507-1520.	1.6	25
122	<title>Automated detection of pulmonary nodules in helical computed tomography images of the thorax</title>. , 1998, 3338, 916.		9
123	Computerized analysis of interstitial disease in chest radiographs: Improvement of geometric-pattern feature analysis. Medical Physics, 1997, 24, 915-924.	1.6	42
124	<title>Artificial neural networks in chest radiographs: detection and characterization of interstitial lung disease</title>. , 1997, , .		4
125	Automated registration of ventilation-perfusion images with digital chest radiographs. Academic Radiology, 1997, 4, 183-192.	1.3	10
126	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

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127	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
128	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
129	The effect of x-ray beam alignment on the performance of antiscatter grids. Medical Physics, 1996, 23, 1347-1350.	1.6	13
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	Potential usefulness of digital imaging in clinical diagnostic radiology: Computer-aided diagnosis. Journal of Digital Imaging, 1995, 8, 2-7.	1.6	12
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	Computer-aided diagnosis for interstitial infiltrates in chest radiographs: Optical-density dependence of texture measures. Medical Physics, 1995, 22, 1515-1522.	1.6	27
134	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
135	Evaluation of an asymmetric screen-film system for chest radiography. Medical Physics, 1994, 21, 1769-1775.	1.6	10
136	Computerized detection of abnormal asymmetry in digital chest radiographs. Medical Physics, 1994, 21, 1761-1768.	1.6	19
137	Digital image subtraction of temporally sequential chest images for detection of interval change. Medical Physics, 1994, 21, 453-461.	1.6	190
138	Development of a digital duplication system for portable chest radiographs. Journal of Digital Imaging, 1994, 7, 146-153.	1.6	6
139	Computerized Detection of Pulmonary Nodules in Computed Tomography Images. Investigative Radiology, 1994, 29, 459-465.	3.5	180
140	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
141	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
142	Potential Usefulness of Computerized Nodule Detection in Screening Programs for Lung Cancer. Investigative Radiology, 1992, 27, 471-475.	3.5	39
143	Computerized Scheme for the Detection of Pulmonary Nodules. Investigative Radiology, 1992, 27, 124-129.	3.5	42
144	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

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145	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
146	Effect of Heart-Size Parameters Computed from Digital Chest Radiographs on Detection of Cardiomegaly. Investigative Radiology, 1991, 26, 546-550.	3.5	38
147	Comparison of imaging properties of a computed radiography system and screen-film systems. Medical Physics, 1991, 18, 414-420.	1.6	30
148	The nature and subtlety of abnormal findings in chest radiographs. Medical Physics, 1991, 18, 206-210.	1.6	17
149	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
150	Digital Chest Radiography. Clinics in Chest Medicine, 1991, 12, 19-32.	0.8	19
151	Improvement in Radiologists?? Detection of Clustered Microcalcifications on Mammograms. Investigative Radiology, 1990, 25, 1102-1110.	3.5	323
152	Computer-aided diagnosis in chest radiology. Journal of Thoracic Imaging, 1990, 5, 67-76.	0.8	56
153	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
154	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
155	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
156	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
157	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
158	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
159	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
160	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
161	Dual-film cassette technique for studying the effect of radiographic image quality on diagnostic accuracy. Medical Physics, 1984, 11, 646-652.	1.6	2