

Carol Chia Chia Wu

List of Publications by Year in descending order

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Version: 2024-02-01

78
papers

3,666
citations

147726

31
h-index

138417

58
g-index

78
all docs

78
docs citations

78
times ranked

5055
citing authors

#	ARTICLE	IF	CITATIONS
1	The epidemiology of lung cancer. <i>Translational Lung Cancer Research</i> , 2018, 7, 220-233.	1.3	488
2	Managing Incidental Thyroid Nodules Detected on Imaging: White Paper of the ACR Incidental Thyroid Findings Committee. <i>Journal of the American College of Radiology</i> , 2015, 12, 143-150.	0.9	284
3	Complications of CT-Guided Percutaneous Needle Biopsy of the Chest: Prevention and Management. <i>American Journal of Roentgenology</i> , 2011, 196, W678-W682.	1.0	257
4	Ethics of Artificial Intelligence in Radiology: Summary of the Joint European and North American Multisociety Statement. <i>Radiology</i> , 2019, 293, 436-440.	3.6	203
5	Augmenting the National Institutes of Health Chest Radiograph Dataset with Expert Annotations of Possible Pneumonia. <i>Radiology: Artificial Intelligence</i> , 2019, 1, e180041.	3.0	141
6	Lung Cancer Staging Essentials: The New TNM Staging System and Potential Imaging Pitfalls. <i>Radiographics</i> , 2010, 30, 1163-1181.	1.4	125
7	Bivalent Binding of IgA1 to Fc α RI Suggests a Mechanism for Cytokine Activation of IgA Phagocytosis. <i>Journal of Molecular Biology</i> , 2003, 327, 645-657.	2.0	113
8	The RSNA International COVID-19 Open Radiology Database (RICORD). <i>Radiology</i> , 2021, 299, E204-E213.	3.6	95
9	International Association for the Study of Lung Cancer (IASLC) Lymph Node Map: Radiologic Review with CT Illustration. <i>Radiographics</i> , 2014, 34, 1680-1691.	1.4	94
10	Challenges Related to Artificial Intelligence Research in Medical Imaging and the Importance of Image Analysis Competitions. <i>Radiology: Artificial Intelligence</i> , 2019, 1, e180031.	3.0	88
11	A C619Y Mutation in the Human Androgen Receptor Causes Inactivation and Mislocalization of the Receptor with Concomitant Sequestration of SRC-1 (Steroid Receptor Coactivator 1). <i>Molecular Endocrinology</i> , 1999, 13, 2065-2075.	3.7	86
12	Assessment of Selection Criteria for Low-Dose Lung Screening CT Among Asian Ethnic Groups in Taiwan: From Mass Screening to Specific Risk-Based Screening for Non-Smoker Lung Cancer. <i>Clinical Lung Cancer</i> , 2016, 17, e45-e56.	1.1	84
13	Ethics of Artificial Intelligence in Radiology: Summary of the Joint European and North American Multisociety Statement. <i>Canadian Association of Radiologists Journal</i> , 2019, 70, 329-334.	1.1	81
14	MRI of the Thymus. <i>American Journal of Roentgenology</i> , 2011, 197, W15-W20.	1.0	78
15	Pulmonary Artery Pseudoaneurysms: Clinical Features and CT Findings. <i>American Journal of Roentgenology</i> , 2017, 208, 84-91.	1.0	78
16	Multi-institutional Analysis of Recurrence and Survival After Neoadjuvant Chemoradiotherapy of Esophageal Cancer. <i>Annals of Surgery</i> , 2019, 269, 663-670.	2.1	65
17	Revisions to the TNM Staging of Lung Cancer: Rationale, Significance, and Clinical Application. <i>Radiographics</i> , 2018, 38, 374-391.	1.4	60
18	Evolution of CT findings in patients with mild COVID-19 pneumonia. <i>European Radiology</i> , 2020, 30, 4865-4873.	2.3	60

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19	Sex Difference in Normal Thymic Appearance in Adults 20–30 Years of Age. <i>Radiology</i> , 2013, 268, 245-253.	3.6	58
20	CT-Guided Percutaneous Needle Biopsy of the Chest: Preprocedural Evaluation and Technique. <i>American Journal of Roentgenology</i> , 2011, 196, W511-W514.	1.0	54
21	Diagnostic Yield of CT-Guided Percutaneous Transthoracic Needle Biopsy for Diagnosis of Anterior Mediastinal Masses. <i>American Journal of Roentgenology</i> , 2015, 205, 774-779.	1.0	54
22	Association between Initial Chest CT or Clinical Features and Clinical Course in Patients with Coronavirus Disease 2019 Pneumonia. <i>Korean Journal of Radiology</i> , 2020, 21, 736.	1.5	54
23	Submillisievert Chest CT With Filtered Back Projection and Iterative Reconstruction Techniques. <i>American Journal of Roentgenology</i> , 2014, 203, 772-781.	1.0	46
24	The Imaging Spectrum of Bronchopulmonary Sequestration. <i>Current Problems in Diagnostic Radiology</i> , 2014, 43, 100-114.	0.6	44
25	The RSNA Pulmonary Embolism CT Dataset. <i>Radiology: Artificial Intelligence</i> , 2021, 3, e200254.	3.0	44
26	DropConnect is effective in modeling uncertainty of Bayesian deep networks. <i>Scientific Reports</i> , 2021, 11, 5458.	1.6	43
27	Cost-Effectiveness of Follow-Up of Pulmonary Nodules Incidentally Detected on Cardiac Computed Tomographic Angiography in Patients With Suspected Coronary Artery Disease. <i>Circulation</i> , 2014, 130, 668-675.	1.6	40
28	Natural History of Persistent Pulmonary Subsolid Nodules: Long-Term Observation of Different Interval Growth. <i>Heart Lung and Circulation</i> , 2019, 28, 1747-1754.	0.2	39
29	Tracheal and Airway Neoplasms. <i>Seminars in Roentgenology</i> , 2013, 48, 354-364.	0.2	38
30	Leukemic Involvement in the Thorax. <i>Radiographics</i> , 2019, 39, 44-61.	1.4	38
31	Modified Lung-RADS Improves Performance of Screening LDCT in a Population with High Prevalence of Non-smoking-related Lung Cancer. <i>Academic Radiology</i> , 2018, 25, 1240-1251.	1.3	36
32	Pitfalls in Chest Radiographic Interpretation: Blind Spots. <i>Seminars in Roentgenology</i> , 2015, 50, 197-209.	0.2	31
33	Correlation of the Strength of Recommendations for Additional Imaging to Adherence Rate and Diagnostic Yield. <i>Journal of the American College of Radiology</i> , 2015, 12, 1016-1022.	0.9	31
34	Imaging of Eosinophilic Lung Diseases. <i>Radiologic Clinics of North America</i> , 2016, 54, 1151-1164.	0.9	31
35	Semiquantative Visual Assessment of Sub-solid Pulmonary Nodules ≤ 3 cm in Differentiation of Lung Adenocarcinoma Spectrum. <i>Scientific Reports</i> , 2017, 7, 15790.	1.6	31
36	Multimodality imaging of cardiothoracic lymphoma. <i>European Journal of Radiology</i> , 2014, 83, 1470-1482.	1.2	30

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37	Crowdsourcing pneumothorax annotations using machine learning annotations on the NIH chest X-ray dataset. <i>Journal of Digital Imaging</i> , 2020, 33, 490-496.	1.6	29
38	Differential impacts of cardiac and abdominal ectopic fat deposits on cardiometabolic risk stratification. <i>BMC Cardiovascular Disorders</i> , 2016, 16, 20.	0.7	28
39	Non-Diagnostic CT-Guided Percutaneous Needle Biopsy of the Lung: Predictive Factors and Final Diagnoses. <i>Korean Journal of Radiology</i> , 2019, 20, 1515.	1.5	25
40	Pulmonary 64-MDCT Angiography With 30 mL of IV Contrast Material: Vascular Enhancement and Image Quality. <i>American Journal of Roentgenology</i> , 2012, 199, 1247-1251.	1.0	23
41	Technical Note: Impact on central frequency and noise magnitude ratios by advanced CT image reconstruction techniques. <i>Medical Physics</i> , 2020, 47, 480-487.	1.6	23
42	Preparedness and Best Practice in Radiology Department for COVID-19 and Other Future Pandemics of Severe Acute Respiratory Infection. <i>Journal of Thoracic Imaging</i> , 2020, 35, 239-245.	0.8	23
43	Cystic Interstitial Lung Diseases: Recognizing the Common and Uncommon Entities. <i>Current Problems in Diagnostic Radiology</i> , 2014, 43, 115-127.	0.6	22
44	Missed Lung Cancer. <i>Radiologic Clinics of North America</i> , 2018, 56, 365-375.	0.9	18
45	Memory-Augmented Capsule Network for Adaptable Lung Nodule Classification. <i>IEEE Transactions on Medical Imaging</i> , 2021, 40, 2869-2879.	5.4	17
46	Incidental Pulmonary Nodules Detected on Abdominal Computed Tomography. <i>Journal of Computer Assisted Tomography</i> , 2012, 36, 641-645.	0.5	16
47	Discharge or admit? Emergency department management of incidental pulmonary embolism in patients with cancer: a retrospective study. <i>International Journal of Emergency Medicine</i> , 2017, 10, 19.	0.6	16
48	Total Lesion Glycolysis Assessment Identifies a Patient Fraction With a High Cure Rate Among Esophageal Adenocarcinoma Patients Treated With Definitive Chemoradiation. <i>Annals of Surgery</i> , 2020, 272, 311-318.	2.1	14
49	Screening for Lung Cancer: Lexicon for Communicating With Health Care Providers. <i>American Journal of Roentgenology</i> , 2018, 210, 473-479.	1.0	13
50	Normal D-dimer levels in cancer patients with radiologic evidence of pulmonary embolism. <i>Journal of Thrombosis and Thrombolysis</i> , 2019, 48, 174-179.	1.0	13
51	Common Blind Spots on Chest CT: Where Are They All Hiding? Part 1—Airways, Lungs, and Pleura. <i>American Journal of Roentgenology</i> , 2013, 201, W533-W538.	1.0	12
52	Evaluation of Cancer Patients With Suspected Pulmonary Embolism: Performance of the American College of Physicians Guideline. <i>Journal of the American College of Radiology</i> , 2020, 17, 22-30.	0.9	12
53	Staging Lung Cancer. <i>Radiologic Clinics of North America</i> , 2018, 56, 399-409.	0.9	11
54	Poor performance of D-dimer in excluding venous thromboembolism among patients with lymphoma and leukemia. <i>Haematologica</i> , 2019, 104, e265-e268.	1.7	11

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55	Malignant Pleural Mesothelioma: Diagnosis, Staging, Pitfalls and Follow-up. <i>Seminars in Ultrasound, CT and MRI</i> , 2017, 38, 559-570.	0.7	10
56	The impact of patients'™ preferences on the decision of low-dose computed tomography lung cancer screening. <i>Translational Lung Cancer Research</i> , 2018, 7, S236-S238.	1.3	10
57	Long-Term Experience With a Mandatory Clinical Decision Rule and Mandatory d-Dimer in the Evaluation of Suspected Pulmonary Embolism. <i>Journal of the American College of Radiology</i> , 2018, 15, 1673-1680.	0.9	9
58	Imaging of Metastases in the Chest: Mechanisms of Spread and Potential Pitfalls. <i>Seminars in Ultrasound, CT and MRI</i> , 2017, 38, 594-603.	0.7	8
59	Imaging and Management of Intrathoracic Renal Cell Carcinoma Metastases. <i>American Journal of Roentgenology</i> , 2018, 210, 1181-1191.	1.0	8
60	Renal artery involvement in acute aortic dissection: Prevalence and impact on renal atrophy in non-interventional treatment patients. <i>Journal of Cardiovascular Computed Tomography</i> , 2018, 12, 404-410.	0.7	8
61	Efficacy of Targeted Inhibitors in Metastatic Lung Squamous Cell Carcinoma With EGFR or ALK Alterations. <i>JTO Clinical and Research Reports</i> , 2021, 2, 100237.	0.6	8
62	Common Blind Spots on Chest CT: Where Are They All Hiding? Part 2, Extrapulmonary Structures. <i>American Journal of Roentgenology</i> , 2013, 201, W671-W677.	1.0	7
63	Geometric and dosimetric accuracy of deformable image registration between average-intensity images for 4DCT-based adaptive radiotherapy for non-small cell lung cancer. <i>Journal of Applied Clinical Medical Physics</i> , 2021, 22, 156-167.	0.8	7
64	Clinical and Cancer-Related Predictors for Venous Thromboembolism in Cancer Patients Presenting to the Emergency Department. <i>Journal of Emergency Medicine</i> , 2020, 58, 932-941.	0.3	6
65	ACR Appropriateness Criteria® Chronic Cough. <i>Journal of the American College of Radiology</i> , 2021, 18, S305-S319.	0.9	6
66	Challenges in Interpretation of Staging PET/CT in Thoracic Malignancies. <i>Current Problems in Diagnostic Radiology</i> , 2017, 46, 330-341.	0.6	5
67	Imaging of the Mediastinum: Vascular Lesions as a Potential Pitfall. <i>Seminars in Roentgenology</i> , 2015, 50, 241-250.	0.2	4
68	Pathology of the Trachea and Central Bronchi. <i>Seminars in Ultrasound, CT and MRI</i> , 2016, 37, 177-189.	0.7	4
69	Thoracic Manifestations of Genitourinary Neoplasms and Treatment-related Complications. <i>Journal of Thoracic Imaging</i> , 2019, 34, W36-W48.	0.8	4
70	Role of Fluorodeoxyglucose Positron Emission Tomography-Computed Tomography in the Evaluation of Suspicious Pulmonary Nodules. <i>Seminars in Roentgenology</i> , 2017, 52, 166-172.	0.2	3
71	Analysis of the Completeness and Clarity of Free-Form Radiology Dictations for the Reporting of Pulmonary Embolism. <i>Journal of the American College of Radiology</i> , 2017, 14, 1556-1559.	0.9	3
72	¹⁸FDG-PET/CT is useful in the follow-up of surgically treated patients with oesophageal adenocarcinoma. <i>British Journal of Radiology</i> , 2018, 91, 20170341.	1.0	2

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73	Bedside Chest Radiographs in the Intensive care Setting: Wireless Direct Radiography Compared to Computed Radiography. <i>Current Problems in Diagnostic Radiology</i> , 2018, 47, 397-403.	0.6	2
74	Imaging on Lung Cancer and Treatment with Targeted Therapy. <i>Seminars in Ultrasound, CT and MRI</i> , 2018, 39, 308-313.	0.7	1
75	Journal of Thoracic Imaging's Exciting Growth. <i>Journal of Thoracic Imaging</i> , 2019, 34, 285-285.	0.8	1
76	Lung Computed Tomography Screening Reporting and Data System Version 1.0. <i>Seminars in Roentgenology</i> , 2017, 52, 137-142.	0.2	1
77	Imaging AI in Practice: Introducing the Special Issue. <i>Radiology: Artificial Intelligence</i> , 2022, 4, e220039.	3.0	1
78	Determining extent of invasion and follow-up of thymic epithelial malignancies. <i>Mediastinum</i> , 2019, 3, 29-29.	0.6	0