Carol Chia Chia Wu

List of Publications by Year
in descending order

| 78 papers | 3,666 citations | 147801
31 h-index | 138484
58 g-index |
| 78 all docs | 78 docs citations | 78 times ranked | 5055 citing authors |

#	Article	IF	Citations
1	The epidemiology of lung cancer. Translational Lung Cancer Research, 2018, 7, 220-233.	2.8	488
2	Managing Incidental Thyroid Nodules Detected on Imaging: White Paper of the ACR Incidental Thyroid Findings Committee. Journal of the American College of Radiology, 2015, 12, 143-150.	1.8	284
3	Complications of CT-Guided Percutaneous Needle Biopsy of the Chest: Prevention and Management. American Journal of Roentgenology, 2011, 196, W678-W682.	2.2	257
4	Ethics of Artificial Intelligence in Radiology: Summary of the Joint European and North American Multisociety Statement. Radiology, 2019, 293, 436-440.	7.3	203
5	Augmenting the National Institutes of Health Chest Radiograph Dataset with Expert Annotations of Possible Pneumonia. Radiology: Artificial Intelligence, 2019, 1, e180041.	5.8	141
6	Lung Cancer Staging Essentials: The New TNM Staging System and Potential Imaging Pitfalls. Radiographics, 2010, 30, 1163-1181.	3.3	125
7	Bivalent Binding of IgA1 to FcÎ±RI Suggests a Mechanism for Cytokine Activation of IgA Phagocytosis. Journal of Molecular Biology, 2003, 327, 645-657.	4.2	113
8	The RSNA International COVID-19 Open Radiology Database (RICORD). Radiology, 2021, 299, E204-E213.	7.3	95
9	International Association for the Study of Lung Cancer (IASLC) Lymph Node Map: Radiologic Review with CT Illustration. Radiographics, 2014, 34, 1680-1691.	3.3	94
10	Challenges Related to Artificial Intelligence Research in Medical Imaging and the Importance of Image Analysis Competitions. Radiology: Artificial Intelligence, 2019, 1, e180031.	5.8	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). Molecular Endocrinology, 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. Clinical Lung Cancer, 2016, 17, e45-e56.	2.6	84
13	Ethics of Artificial Intelligence in Radiology: Summary of the Joint European and North American Multisociety Statement. Canadian Association of Radiologists Journal, 2019, 70, 329-334.	2.0	81
14	MRI of the Thymus. American Journal of Roentgenology, 2011, 197, W15-W20.	2.2	78
15	Pulmonary Artery Pseudoaneurysms: Clinical Features and CT Findings. American Journal of Roentgenology, 2017, 208, 84-91.	2.2	78
16	Multi-institutional Analysis of Recurrence and Survival After Neoadjuvant Chemoradiotherapy of Esophageal Cancer. Annals of Surgery, 2019, 269, 663-670.	4.2	65
17	Revisions to the TNM Staging of Lung Cancer: Rationale, Significance, and Clinical Application. Radiographics, 2018, 38, 374-391.	3.3	60
18	Evolution of CT findings in patients with mild COVID-19 pneumonia. European Radiology, 2020, 30, 4865-4873.	4.5	60

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19	Sex Difference in Normal Thymic Appearance in Adults 20–30 Years of Age. Radiology, 2013, 268, 245-253.	7.3	58
20	CT-Guided Percutaneous Needle Biopsy of the Chest: Preprocedural Evaluation and Technique. American Journal of Roentgenology, 2011, 196, W511-W514.	2.2	54
21	Diagnostic Yield of CT-Guided Percutaneous Transthoracic Needle Biopsy for Diagnosis of Anterior Mediastinal Masses. American Journal of Roentgenology, 2015, 205, 774-779.	2.2	54
22	Association between Initial Chest CT or Clinical Features and Clinical Course in Patients with Coronavirus Disease 2019 Pneumonia. Korean Journal of Radiology, 2020, 21, 736.	3.4	54
23	Submillisievert Chest CT With Filtered Back Projection and Iterative Reconstruction Techniques. American Journal of Roentgenology, 2014, 203, 772-781.	2.2	46
24	The Imaging Spectrum of Bronchopulmonary Sequestration. Current Problems in Diagnostic Radiology, 2014, 43, 100-114.	1.4	44
25	The RSNA Pulmonary Embolism CT Dataset. Radiology: Artificial Intelligence, 2021, 3, e200254.	5.8	44
26	DropConnect is effective in modeling uncertainty of Bayesian deep networks. Scientific Reports, 2021, 11, 5458.	3.3	43
27	Cost-Effectiveness of Follow-Up of Pulmonary Nodules Incidentally Detected on Cardiac Computed Tomographic Angiography in Patients With Suspected Coronary Artery Disease. Circulation, 2014, 130, 668-675.	1.6	40
28	Natural History of Persistent Pulmonary Subsolid Nodules: Long-Term Observation of Different Interval Growth. Heart Lung and Circulation, 2019, 28, 1747-1754.	0.4	39
29	Tracheal and Airway Neoplasms. Seminars in Roentgenology, 2013, 48, 354-364.	0.6	38
30	Leukemic Involvement in the Thorax. Radiographics, 2019, 39, 44-61.	3.3	38
31	Modified Lung-RADS Improves Performance of Screening LDCT in a Population with High Prevalence of Non–smoking-related Lung Cancer. Academic Radiology, 2018, 25, 1240-1251.	2.5	36
32	Pitfalls in Chest Radiographic Interpretation: Blind Spots. Seminars in Roentgenology, 2015, 50, 197-209.	0.6	31
33	Correlation of the Strength of Recommendations for Additional Imaging to Adherence Rate and Diagnostic Yield. Journal of the American College of Radiology, 2015, 12, 1016-1022.	1.8	31
34	Imaging of Eosinophilic Lung Diseases. Radiologic Clinics of North America, 2016, 54, 1151-1164.	1.8	31
35	Semiquantitative Visual Assessment of Sub-solid Pulmonary Nodules ≦3㎝ in Differentiation of Lung Adenocarcinoma Spectrum. Scientific Reports, 2017, 7, 15790.	3.3	31
36	Multimodality imaging of cardiothoracic lymphoma. European Journal of Radiology, 2014, 83, 1470-1482.	2.6	30

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37	Crowdsourcing pneumothorax annotations using machine learning annotations on the NIH chest X-ray dataset. Journal of Digital Imaging, 2020, 33, 490-496.	2.9	29
38	Differential impacts of cardiac and abdominal ectopic fat deposits on cardiometabolic risk stratification. BMC Cardiovascular Disorders, 2016, 16, 20.	1.7	28
39	Non-Diagnostic CT-Guided Percutaneous Needle Biopsy of the Lung: Predictive Factors and Final Diagnoses. Korean Journal of Radiology, 2019, 20, 1515.	3.4	25
40	Pulmonary 64-MDCT Angiography With 30 mL of IV Contrast Material: Vascular Enhancement and Image Quality. American Journal of Roentgenology, 2012, 199, 1247-1251.	2.2	23
41	Technical Note: Impact on central frequency and noise magnitude ratios by advanced CT image reconstruction techniques. Medical Physics, 2020, 47, 480-487.	3.0	23
42	Preparedness and Best Practice in Radiology Department for COVID-19 and Other Future Pandemics of Severe Acute Respiratory Infection. Journal of Thoracic Imaging, 2020, 35, 239-245.	1.5	23
43	Cystic Interstitial Lung Diseases: Recognizing the Common and Uncommon Entities. Current Problems in Diagnostic Radiology, 2014, 43, 115-127.	1.4	22
44	Missed Lung Cancer. Radiologic Clinics of North America, 2018, 56, 365-375.	1.8	18
45	Memory-Augmented Capsule Network for Adaptable Lung Nodule Classification. IEEE Transactions on Medical Imaging, 2021, 40, 2869-2879.	8.9	17
46	Incidental Pulmonary Nodules Detected on Abdominal Computed Tomography. Journal of Computer Assisted Tomography, 2012, 36, 641-645.	0.9	16
47	Discharge or admit? Emergency department management of incidental pulmonary embolism in patients with cancer: a retrospective study. International Journal of Emergency Medicine, 2017, 10, 19.	1.6	16
48	Total Lesion Glycolysis Assessment Identifies a Patient Fraction With a High Cure Rate Among Esophageal Adenocarcinoma Patients Treated With Definitive Chemoradiation. Annals of Surgery, 2020, 272, 311-318.	4.2	14
49	Screening for Lung Cancer: Lexicon for Communicating With Health Care Providers. American Journal of Roentgenology, 2018, 210, 473-479.	2.2	13
50	Normal D-dimer levels in cancer patients with radiologic evidence of pulmonary embolism. Journal of Thrombosis and Thrombolysis, 2019, 48, 174-179.	2.1	13
51	Common Blind Spots on Chest CT: Where Are They All Hiding? Part 1â€"Airways, Lungs, and Pleura. American Journal of Roentgenology, 2013, 201, W533-W538.	2.2	12
52	Evaluation of Cancer Patients With Suspected Pulmonary Embolism: Performance of the American College of Physicians Guideline. Journal of the American College of Radiology, 2020, 17, 22-30.	1.8	12
53	Staging Lung Cancer. Radiologic Clinics of North America, 2018, 56, 399-409.	1.8	11
54	Poor performance of D-dimer in excluding venous thromboembolism among patients with lymphoma and leukemia. Haematologica, 2019, 104, e265-e268.	3.5	11

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55	Malignant Pleural Mesothelioma: Diagnosis, Staging, Pitfalls and Follow-up. Seminars in Ultrasound, CT and MRI, 2017, 38, 559-570.	1.5	10
56	The impact of patients' preferences on the decision of low-dose computed tomography lung cancer screening. Translational Lung Cancer Research, 2018, 7, S236-S238.	2.8	10
57	Long-Term Experience With a Mandatory Clinical Decision Rule and Mandatory d-Dimer in the Evaluation of Suspected Pulmonary Embolism. Journal of the American College of Radiology, 2018, 15, 1673-1680.	1.8	9
58	Imaging of Metastases in the Chest: Mechanisms of Spread and Potential Pitfalls. Seminars in Ultrasound, CT and MRI, 2017, 38, 594-603.	1.5	8
59	Imaging and Management of Intrathoracic Renal Cell Carcinoma Metastases. American Journal of Roentgenology, 2018, 210, 1181-1191.	2.2	8
60	Renal artery involvement in acute aortic dissection: Prevalence and impact on renal atrophy in non-interventional treatment patients. Journal of Cardiovascular Computed Tomography, 2018, 12, 404-410.	1.3	8
61	Efficacy of Targeted Inhibitors in Metastatic Lung Squamous Cell Carcinoma With EGFR or ALK Alterations. JTO Clinical and Research Reports, 2021, 2, 100237.	1.1	8
62	Common Blind Spots on Chest CT: Where Are They All Hiding? Part 2, Extrapulmonary Structures. American Journal of Roentgenology, 2013, 201, W671-W677.	2.2	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. Journal of Applied Clinical Medical Physics, 2021, 22, 156-167.	1.9	7
64	Clinical and Cancer-Related Predictors for Venous Thromboembolism in Cancer Patients Presenting to the Emergency Department. Journal of Emergency Medicine, 2020, 58, 932-941.	0.7	6
65	ACR Appropriateness Criteria® Chronic Cough. Journal of the American College of Radiology, 2021, 18, S305-S319.	1.8	6
66	Challenges in Interpretation of Staging PET/CT in Thoracic Malignancies. Current Problems in Diagnostic Radiology, 2017, 46, 330-341.	1.4	5
67	Imaging of the Mediastinum: Vascular Lesions as a Potential Pitfall. Seminars in Roentgenology, 2015, 50, 241-250.	0.6	4
68	Pathology of the Trachea and Central Bronchi. Seminars in Ultrasound, CT and MRI, 2016, 37, 177-189.	1.5	4
69	Thoracic Manifestations of Genitourinary Neoplasms and Treatment-related Complications. Journal of Thoracic Imaging, 2019, 34, W36-W48.	1.5	4
70	Role of Fluorodeoxyglucose Positron Emission Tomography-Computed Tomography in the Evaluation of Suspicious Pulmonary Nodules. Seminars in Roentgenology, 2017, 52, 166-172.	0.6	3
71	Analysis of the Completeness and Clarity of Free-Form Radiology Dictations for the Reporting of Pulmonary Embolism. Journal of the American College of Radiology, 2017, 14, 1556-1559.	1.8	3
72	[18]FDG-PET/CT is useful in the follow-up of surgically treated patients with oesophageal adenocarcinoma. British Journal of Radiology, 2018, 91, 20170341.	2.2	2

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73	Bedside Chest Radiographs in the Intensive care Setting: Wireless Direct Radiography Compared to Computed Radiography. Current Problems in Diagnostic Radiology, 2018, 47, 397-403.	1.4	2
74	Imaging on Lung Cancer and Treatment with Targeted Therapy. Seminars in Ultrasound, CT and MRI, 2018, 39, 308-313.	1.5	1
75	Journal of Thoracic Imagingâ€™s Exciting Growth. Journal of Thoracic Imaging, 2019, 34, 285-285.	1.5	1
76	Lung Computed Tomography Screening Reporting and Data System Version 1.0. Seminars in Roentgenology, 2017, 52, 137-142.	0.6	1
77	Imaging AI in Practice: Introducing the Special Issue. Radiology: Artificial Intelligence, 2022, 4, e220039.	5.8	1
78	Determining extent of invasion and follow-up of thymic epithelial malignancies. Mediastinum, 2019, 3, 29-29.	1.1	0