

Catherine Beigelman-Aubry

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

76
papers

2,873
citations

26
h-index

53
g-index

77
ext. papers

3,469
ext. citations

4.8
avg, IF

4.74
L-index

#	Paper	IF	Citations
76	Chronic pulmonary aspergillosis: rationale and clinical guidelines for diagnosis and management. <i>European Respiratory Journal</i> , 2016 , 47, 45-68	13.6	396
75	Pancreatic involvement in von Hippel-Lindau disease. The Groupe Francophone d'Etude de la Maladie de von Hippel-Lindau. <i>Gastroenterology</i> , 2000 , 119, 1087-95	13.3	313
74	Acute respiratory failure in the elderly: etiology, emergency diagnosis and prognosis. <i>Critical Care</i> , 2006 , 10, R82	10.8	218
73	Baseline results of the Depiscan study: a French randomized pilot trial of lung cancer screening comparing low dose CT scan (LDCT) and chest X-ray (CXR). <i>Lung Cancer</i> , 2007 , 58, 50-8	5.9	173
72	Long-term outcomes of pandemic 2009 influenza A(H1N1)-associated severe ARDS. <i>Chest</i> , 2012 , 142, 583-592	5.3	140
71	New frontiers in CT imaging of airway disease. <i>European Radiology</i> , 2002 , 12, 1022-44	8	136
70	Pulmonary arterial hypertension is a major mortality factor in diffuse systemic sclerosis, independent of interstitial lung disease. <i>Arthritis and Rheumatism</i> , 2006 , 54, 184-91		113
69	Pulmonary involvement in Erdheim-Chester disease: a single-center study of thirty-four patients and a review of the literature. <i>Arthritis and Rheumatism</i> , 2010 , 62, 3504-12		96
68	Multi-detector row CT and postprocessing techniques in the assessment of diffuse lung disease. <i>Radiographics</i> , 2005 , 25, 1639-52	5.4	85
67	Iron oxide-enhanced MR lymphography: initial experience. <i>European Journal of Radiology</i> , 2000 , 34, 257-64	4.7	82
66	Pulmonary airways: 3-D reconstruction from multislice CT and clinical investigation. <i>IEEE Transactions on Medical Imaging</i> , 2004 , 23, 1353-64	11.7	79
65	Mild intermittent asthma: CT assessment of bronchial cross-sectional area and lung attenuation at controlled lung volume. <i>Radiology</i> , 2002 , 223, 181-7	20.5	73
64	Usefulness of B-type natriuretic peptide in elderly patients with acute dyspnea. <i>Intensive Care Medicine</i> , 2004 , 30, 2230-6	14.5	61
63	Erdheim-Chester disease: CT findings of thoracic involvement. <i>European Radiology</i> , 2010 , 20, 2579-87	8	58
62	CT diagnosis of ureteral fibroepithelial polyps. <i>European Radiology</i> , 2002 , 12, 125-8	8	58
61	Management of an incidentally discovered pulmonary nodule. <i>European Radiology</i> , 2007 , 17, 449-66	8	54
60	Computer-aided detection of solid lung nodules on follow-up MDCT screening: evaluation of detection, tracking, and reading time. <i>American Journal of Roentgenology</i> , 2007 , 189, 948-55	5.4	46

59	Diagnosis and treatment of invasive fungal infections: looking ahead. <i>Journal of Antimicrobial Chemotherapy</i> , 2019 , 74, ii27-ii37	5.1	44
58	CT Imaging Assessment of Response to Treatment in Chronic Pulmonary Aspergillosis. <i>Chest</i> , 2016 , 150, 139-47	5.3	43
57	Pyogenic bacterial pneumonia in human immunodeficiency virus-infected inpatients: a clinical, radiological, microbiological, and epidemiological study. <i>Clinical Infectious Diseases</i> , 1998 , 26, 964-71	11.6	42
56	Imaging of tumour response to immunotherapy. <i>European Radiology Experimental</i> , 2020 , 4, 2	4.5	42
55	Nonneoplastic tracheal and bronchial stenoses. <i>Radiologic Clinics of North America</i> , 2009 , 47, 243-60	2.3	41
54	Factors associated with the mediastinal spread of cervical necrotizing fasciitis. <i>Annals of Thoracic Surgery</i> , 2012 , 93, 234-8	2.7	37
53	Antisynthetase syndrome with anti-Jo1 antibodies in 48 patients: pulmonary involvement predicts disease-modifying antirheumatic drug use. <i>Journal of Rheumatology</i> , 2012 , 39, 1835-9	4.1	34
52	Apnea-like suppression of respiratory motion: First evaluation in radiotherapy. <i>Radiotherapy and Oncology</i> , 2016 , 118, 220-6	5.3	31
51	Vascular Changes Detected With Thoracic CT in Coronavirus Disease (COVID-19) Might Be Significant Determinants for Accurate Diagnosis and Optimal Patient Management. <i>American Journal of Roentgenology</i> , 2020 , 215, W15	5.4	27
50	Multidetector-row CT of the airways. <i>Seminars in Roentgenology</i> , 2003 , 38, 146-57	0.8	23
49	Reducing Radiation Dose at Chest CT: Comparison Among Model-based Type Iterative Reconstruction, Hybrid Iterative Reconstruction, and Filtered Back Projection. <i>Academic Radiology</i> , 2016 , 23, 1246-54	4.3	21
48	Incidental extracardiac findings on cardiac MR: Systematic review and meta-analysis. <i>Journal of Magnetic Resonance Imaging</i> , 2016 , 43, 929-39	5.6	21
47	Survival and Local Recurrence After Video-Assisted Thoracoscopic Lung Metastasectomy. <i>World Journal of Surgery</i> , 2016 , 40, 373-9	3.3	20
46	MDCT of the airways: technique and normal results. <i>Radiologic Clinics of North America</i> , 2009 , 47, 185-201.3		19
45	Chest computed tomography with multiplanar reformatted images for diagnosing traumatic bronchial rupture: a case report. <i>Critical Care</i> , 2007 , 11, R94	10.8	19
44	Task-Based Model Observer Assessment of A Partial Model-Based Iterative Reconstruction Algorithm in Thoracic Oncologic Multidetector CT. <i>Scientific Reports</i> , 2018 , 8, 17734	4.9	17
43	Fluoroscopic-Guided Radial Endobronchial Ultrasound Without Guide Sheath For Peripheral Pulmonary Lesions: A Safe And Efficient Combination. <i>Archivos De Bronconeumologia</i> , 2015 , 51, 338-43	0.7	15
42	Immunotherapy-Induced Airway Disease: A New Pattern of Lung Toxicity of Immune Checkpoint Inhibitors. <i>Respiration</i> , 2020 , 99, 181-186	3.7	15

41	Focal pleural thickening mimicking pleural plaques on chest computed tomography: tips and tricks. <i>British Journal of Radiology</i> , 2016 , 89, 20150792	3.4	14
40	Incidentally discovered COVID-19 pneumonia: the role of diagnostic imaging. <i>European Radiology</i> , 2020 , 30, 5211-5213	8	12
39	Relationship between pneumonitis induced by immune checkpoint inhibitors and the underlying parenchymal status: a retrospective study. <i>ERJ Open Research</i> , 2020 , 6,	3.5	12
38	Current artefacts in cardiac and chest magnetic resonance imaging: tips and tricks. <i>British Journal of Radiology</i> , 2016 , 89, 20150987	3.4	11
37	A plea for thoroscopic resection of solitary pulmonary nodule in cancer patients. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2017 , 31, 4705-4710	5.2	11
36	Multidetector row computed tomography to assess changes in airways linked to asthma control. <i>Respiration</i> , 2011 , 81, 461-8	3.7	10
35	Inter-reader agreement in HRCT detection of pleural plaques and asbestosis in participants with previous occupational exposure to asbestos. <i>Occupational and Environmental Medicine</i> , 2014 , 71, 865-70	2.1	9
34	Airflow modeling of steady inspiration in two realistic proximal airway trees reconstructed from human thoracic tomodensitometric images. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2005 , 8, 267-77	2.1	8
33	Alveolar lymphocytosis in patients with chronic uveitis: relationship to sarcoidosis. <i>Lung</i> , 2001 , 179, 305-17		8
32	Impact of extracardiac findings during cardiac MR on patient management and outcome. <i>Medical Science Monitor</i> , 2015 , 21, 1288-96	3.2	8
31	Phenotyping chronic pulmonary aspergillosis by cluster analysis. <i>European Respiratory Journal</i> , 2015 , 46, 1509-12	13.6	7
30	Relationship between the airway wall area and asthma control score in moderate persistent asthma. <i>European Radiology</i> , 2013 , 23, 1594-602	8	7
29	Chest CT at a dose below 0.3 mSv: impact of iterative reconstruction on image quality and lung analysis. <i>Acta Radiologica</i> , 2016 , 57, 311-7	2	6
28	Multiple pulmonary artery aneurysms in tuberous sclerosis complex. <i>BMJ Case Reports</i> , 2013 , 2013,	0.9	5
27	Endovascular treatment of pulmonary arteriovenous malformations in hereditary haemorrhagic telangiectasia. <i>Swiss Medical Weekly</i> , 2015 , 145, w14151	3.1	5
26	Pulmonary Lymphangitic Carcinomatosis: Diagnostic Performance of High-Resolution CT and F-FDG PET/CT in Correlation with Clinical Pathologic Outcome. <i>Journal of Nuclear Medicine</i> , 2020 , 61, 26-32	8.9	5
25	Granulomatous Reaction to <i>Pneumocystis jirovecii</i> Diagnosed in a Bronchoalveolar Lavage: A Case Report. <i>Acta Cytologica</i> , 2015 , 59, 284-8	3	4
24	MR Volumetry of Lung Nodules: A Pilot Study. <i>Frontiers in Medicine</i> , 2019 , 6, 18	4.9	3

23	Coronary sinus atresia with persistent left superior vena cava: unusual clinical presentation and endovascular management. <i>CardioVascular and Interventional Radiology</i> , 2014 , 37, 825-8	2.7	3
22	Case reports of death after nonionic iodine contrast medium injection during spiral computed tomography scan performed for suspected pulmonary embolism. <i>American Journal of Emergency Medicine</i> , 2006 , 24, 497-9	2.9	3
21	Imaging patterns of <i>Pneumocystis jirovecii</i> pneumonia in HIV-positive and renal transplant patients - a multicentre study. <i>Swiss Medical Weekly</i> , 2019 , 149, w20130	3.1	3
20	Case Report: Stepwise Anti-Inflammatory and Anti-SARS-CoV-2 Effects Following Convalescent Plasma Therapy With Full Clinical Recovery. <i>Frontiers in Immunology</i> , 2021 , 12, 613502	8.4	3
19	Influence of model based iterative reconstruction algorithm on image quality of multiplanar reformations in reduced dose chest CT. <i>Acta Radiologica Open</i> , 2016 , 5, 2058460116662299	1.2	3
18	Can a Trained Radiology Technician Do Arterial Obstruction Quantification in Patients With Acute Pulmonary Embolism?. <i>Frontiers in Cardiovascular Medicine</i> , 2019 , 6, 38	5.4	2
17	Effect of everolimus on multifocal micronodular pneumocyte hyperplasia in tuberous sclerosis complex. <i>Respiratory Medicine Case Reports</i> , 2020 , 31, 101310	1.2	2
16	CT imaging of chronic obstructive pulmonary disease: role in phenotyping and interventions. <i>Expert Opinion on Medical Diagnostics</i> , 2009 , 3, 689-703		2
15	Imaging features and differential diagnoses of non-neoplastic diffuse mediastinal diseases. <i>Insights Into Imaging</i> , 2020 , 11, 111	5.6	2
14	Monte Carlo PET/CT dosimetry of unexpected focal radiation-induced lung damage after hepatic radioembolisation. <i>Physics in Medicine and Biology</i> , 2020 ,	3.8	2
13	Invasive infection in patients with acute myeloid leukemia: Report of two cases successfully treated and review of the literature. <i>Medical Mycology Case Reports</i> , 2021 , 32, 68-72	1.7	2
12	Non-circumferential membranous resection of the trachea for paraganglioma: A case report. <i>International Journal of Surgery Case Reports</i> , 2018 , 51, 288-291	0.8	2
11	High prevalence of peribronchial focal lesions of airway invasive aspergillosis in hematological cancer patients with prolonged neutropenia. <i>British Journal of Radiology</i> , 2020 , 93, 20190693	3.4	1
10	Hepatosplenomegaly, pneumopathy, bone changes and fronto-temporal dementia: Niemann-Pick type B and SQSTM1-associated Paget's disease in the same individual. <i>Journal of Bone and Mineral Metabolism</i> , 2019 , 37, 378-383	2.9	1
9	Two cases of acute respiratory failure due to carcinomatous lymphangitis in HIV patients. <i>Intensive Care Medicine</i> , 2004 , 30, 1956-9	14.5	1
8	Transarterial Radioembolization for the Treatment of Advanced Hepatocellular Carcinoma Invading the Right Atrium. <i>CardioVascular and Interventional Radiology</i> , 2020 , 43, 1712-1715	2.7	1
7	Imaging Features of Pulmonary Immune-related Adverse Events. <i>Journal of Thoracic Oncology</i> , 2021 , 16, 1449-1460	8.9	1
6	Endobronchial coil spring fiducial markers for CyberKnife® stereotactic body radiation therapy. <i>Respirology</i> , 2021 , 26, 469-476	3.6	1

5	Hematoma of the interventricular septum following right ventricular endomyocardial biopsy for the detection of allograft rejection after heart transplantation. <i>Journal of Heart and Lung Transplantation</i> , 1999 , 18, 1147-50	5.8	○
4	Pitfalls in diagnosis of infiltrative lung disease by CT. <i>BJR Open</i> , 2019 , 1, 20190036	1.4	○
3	Comparison Between Magnetic Resonance Imaging and Computed Tomography in the Detection and Volumetric Assessment of Lung Nodules: A Prospective Study.. <i>Frontiers in Medicine</i> , 2022 , 9, 858734	4.9	○
2	Complications of valve lung volume reduction in a case of previous pleurodesis. <i>Annals of Thoracic Surgery</i> , 2014 , 98, e71-2	2.7	
1	Sparing healthy lung by focusing the radiation beam flow onto the emphysematous regions in the treatment of lung cancer. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2017 , 61, 252-257	1.7	