

Carl Chartrand-Lefebvre

List of Publications by Year in descending order

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Version: 2024-02-01

79
papers

1,596
citations

393982

19
h-index

344852

36
g-index

83
all docs

83
docs citations

83
times ranked

2032
citing authors

#	ARTICLE	IF	CITATIONS
1	Reduction in radiation exposure in cardiovascular computed tomography imaging: results from the PROspective multicenter registry on radiaTion dose Estimates of cardiac CT angiOgraphy iN daily practice in 2017 (PROTECTION VI). <i>European Heart Journal</i> , 2018, 39, 3715-3723.	1.0	149
2	Diaphragm and Chest Wall: Assessment of the Inspiratory Pump with MR Imagingâ€”Preliminary Observations. <i>Radiology</i> , 2000, 215, 574-583.	3.6	124
3	Lung Ultrasonography for the Assessment of Perioperative Atelectasis: A Pilot Feasibility Study. <i>Anesthesia and Analgesia</i> , 2017, 124, 494-504.	1.1	94
4	Value of CT Fluoroscopy for Percutaneous Biopsy Procedures. <i>Journal of Vascular and Interventional Radiology</i> , 2000, 11, 879-884.	0.2	89
5	Contrast-enhanced helical CT for pulmonary embolism detection: inter- and intraobserver agreement among radiologists with variable experience.. <i>American Journal of Roentgenology</i> , 1999, 172, 107-112.	1.0	73
6	Circulating (1â†’3)-Î²-D-glucan Is Associated With Immune Activation During Human Immunodeficiency Virus Infection. <i>Clinical Infectious Diseases</i> , 2020, 70, 232-241.	2.9	66
7	Congenital anomalies of tracheobronchial branching patterns: spiral CT aspects in adults. <i>European Radiology</i> , 1998, 8, 79-85.	2.3	61
8	CXCL13 as a Biomarker of Immune Activation During Early and Chronic HIV Infection. <i>Frontiers in Immunology</i> , 2019, 10, 289.	2.2	57
9	Effect of the Learning Process on Procedure Times and Radiation Exposure for CT Fluoroscopy-guided Percutaneous Biopsy Procedures. <i>Journal of Vascular and Interventional Radiology</i> , 2000, 11, 1217-1221.	0.2	46
10	The Canadian HIV and aging cohort study - determinants of increased risk of cardio-vascular diseases in HIV-infected individuals: rationale and study protocol. <i>BMC Infectious Diseases</i> , 2017, 17, 611.	1.3	45
11	Gadolinium-enhanced pulmonary magnetic resonance angiography in the diagnosis of acute pulmonary embolism: a prospective study on 48 patients. <i>Clinical Imaging</i> , 2006, 30, 166-172.	0.8	42
12	Effects of positive end-expiratory pressure/recruitment manoeuvres compared with zero end-expiratory pressure on atelectasis during open gynaecological surgery as assessed by ultrasonography: a randomised controlled trial. <i>British Journal of Anaesthesia</i> , 2020, 124, 101-109.	1.5	41
13	Pitfalls in diagnosis of pulmonary embolism with helical CT angiography.. <i>American Journal of Roentgenology</i> , 1998, 171, 579-585.	1.0	40
14	Cytomegalovirus Seropositivity Is Associated With Increased Microbial Translocation in People Living With Human Immunodeficiency Virus and Uninfected Controls. <i>Clinical Infectious Diseases</i> , 2020, 71, 1438-1446.	2.9	40
15	Association of small cell lung cancer and the anti-Hu paraneoplastic syndrome: radiographic and CT findings.. <i>American Journal of Roentgenology</i> , 1998, 170, 1513-1517.	1.0	38
16	Interventions to Reduce the Overuse of Imaging for Pulmonary Embolism: A Systematic Review. <i>Journal of Hospital Medicine</i> , 2018, 13, 52-61.	0.7	29
17	Upregulated IL-32 Expression And Reduced Gut Short Chain Fatty Acid Caproic Acid in People Living With HIV With Subclinical Atherosclerosis. <i>Frontiers in Immunology</i> , 2021, 12, 664371.	2.2	25
18	Chest Tube Drainage Under Radiological Guidance for Pleural Effusion and Pneumothorax in a Tertiary Care University Teaching Hospital: Review of 51 Cases. <i>Canadian Respiratory Journal</i> , 2005, 12, 29-33.	0.8	22

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19	Catheter-Induced Aortic Dissection After Invasive Coronary Angiography: Evaluation With MDCT. <i>American Journal of Roentgenology</i> , 2011, 197, 1335-1340.	1.0	21
20	Upregulation of IL-32 Isoforms in Virologically Suppressed HIV-Infected Individuals: Potential Role in Persistent Inflammation and Transcription From Stable HIV-1 Reservoirs. <i>Journal of Acquired Immune Deficiency Syndromes</i> (1999), 2019, 82, 503-513.	0.9	21
21	Iatrogenic injury to the bile duct: a working classification for radiologists.. <i>Radiology</i> , 1994, 193, 523-526.	3.6	20
22	Phase 1-2 Study of Dual-Energy Computed Tomography for Assessment of Pulmonary Function in Radiation Therapy Planning. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 99, 334-343.	0.4	20
23	Yield of CT pulmonary angiography in the diagnosis of acute pulmonary embolism: short report. <i>BMC Research Notes</i> , 2019, 12, 41.	0.6	20
24	Increased carotid artery wall stiffness and plaque prevalence in HIV infected patients measured with ultrasound elastography. <i>European Radiology</i> , 2020, 30, 3178-3187.	2.3	20
25	Pulmonary arteriovenous malformation (PAVM) reperfusion after percutaneous embolization: Sensitivity and specificity of non-enhanced CT. <i>European Journal of Radiology</i> , 2016, 85, 150-157.	1.2	19
26	Circulating β -Glucan as a Marker of Subclinical Coronary Plaque in Antiretroviral Therapy-Treated People With Human Immunodeficiency Virus. <i>Open Forum Infectious Diseases</i> , 2021, 8, ofab109.	0.4	19
27	Prevalence and Characterization of Subclinical Coronary Atherosclerotic Plaque with CT among Individuals with HIV: Results from the Canadian HIV and Aging Cohort Study. <i>Radiology</i> , 2021, 299, 571-580.	3.6	17
28	Postoperative imaging after lung transplantation. <i>Clinical Imaging</i> , 2013, 37, 617-623.	0.8	16
29	Coronary artery noninvasive imaging in adult Kawasaki disease. <i>Clinical Imaging</i> , 2009, 33, 181-187.	0.8	15
30	Hemorrhagic infiltration of the aortopulmonary adventitia: A complication of acute aortic dissection. <i>European Journal of Radiology</i> , 2016, 85, 239-247.	1.2	15
31	Respiratory bronchiolitis: radiographic and CT findings in a pathologically proven case. <i>European Radiology</i> , 1998, 8, 1674-1676.	2.3	14
32	Comparison of the Effect of Low- and Iso-Osmolar Contrast Agents on Heart Rate during Chest CT Angiography: Results of a Prospective Randomized Multicenter Study. <i>Radiology</i> , 2011, 258, 930-937.	3.6	14
33	256-Slice CT Angiographic Evaluation of Coronary Artery Bypass Grafts: Effect of Heart Rate, Heart Rate Variability and Z-Axis Location on Image Quality. <i>PLoS ONE</i> , 2014, 9, e91861.	1.1	14
34	Off-pump Versus On-pump Coronary Artery Bypass Surgery: Graft Patency Assessment With Coronary Computed Tomographic Angiography. <i>Journal of Thoracic Imaging</i> , 2017, 32, 370-377.	0.8	14
35	In vivo coronary artery plaque assessment with computed tomography angiography: is there an impact of iterative reconstruction on plaque volume and attenuation metrics?. <i>Acta Radiologica</i> , 2017, 58, 660-669.	0.5	14
36	Coronary computed tomography angiography: overview of technical aspects, current concepts, and perspectives. <i>Canadian Association of Radiologists Journal</i> , 2007, 58, 92-108.	1.1	14

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37	In a Heartbeat: An Assessment of Dynamic Dose Variation to Cardiac Structures Using Dual Source Computed Tomography. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 102, 950-959.	0.4	13
38	<p>Ultrasound Evaluation of the Quadriceps Muscle Contractile Index in Patients with Stable Chronic Obstructive Pulmonary Disease: Relationships with Clinical Symptoms, Disease Severity and Diaphragm Contractility</p>. <i>International Journal of COPD</i> , 2020, Volume 15, 79-88.	0.9	13
39	Composite versus conventional coronary artery bypass grafting strategy for the anterolateral territory: study protocol for a randomized controlled trial. <i>Trials</i> , 2013, 14, 270.	0.7	12
40	Left heart disease: a frequent cause of early pulmonary hypertension in systemic sclerosis, unrelated to elevated NT-proBNP levels or overt cardiac fibrosis but associated with increased levels of MR-proANP and MR-proADM: retrospective analysis of a French Canadian cohort. <i>Scandinavian Journal of Rheumatology</i> , 2014, 43, 314-323.	0.6	12
41	Coronary Stent Artifact Reduction with an Edge-Enhancing Reconstruction Kernel â€“ A Prospective Cross-Sectional Study with 256-Slice CT. <i>PLoS ONE</i> , 2016, 11, e0154292.	1.1	12
42	Pericardial Fat Necrosis Presenting as Acute Pleuritic Chest Pain. <i>Journal of Emergency Medicine</i> , 2013, 44, e269-e271.	0.3	11
43	A novel composite coronary bypass graft strategy: the saphenous vein bridgeâ€”a pilot study. <i>European Journal of Cardio-thoracic Surgery</i> , 2013, 44, e302-e307.	0.6	10
44	Antiretroviral therapy-treated HIV-infected adults with coronary artery disease are characterized by a distinctive regulatory T-cell signature. <i>Aids</i> , 2021, 35, 1003-1014.	1.0	10
45	Accuracy and rate of coronary artery segment visualization with CT angiography for the non-invasive detection of coronary artery stenoses. <i>International Journal of Cardiovascular Imaging</i> , 2007, 23, 771-780.	0.7	9
46	HIV Infection and Subclinical Coronary Atherosclerosis. <i>Annals of Internal Medicine</i> , 2014, 161, 923.	2.0	9
47	Pandemic Influenza A (H1N1) 2009: Chest Radiographic Findings from 147 Proven Cases in the Montreal Area. <i>Canadian Association of Radiologists Journal</i> , 2010, 61, 233-240.	1.1	7
48	Safety and Efficacy of Endovascular Fiducial Marker Insertion for CyberKnife Stereotactic Radiation Therapy Planning in Early-Stage Lung Cancer. <i>Journal of Vascular and Interventional Radiology</i> , 2017, 28, 1090-1097.	0.2	7
49	Incidental findings in CT imaging of coronary artery bypass grafts: results from a Canadian multicenter prospective cohort. <i>BMC Research Notes</i> , 2018, 11, 72.	0.6	7
50	A rare case of anomalous origin of the left main coronary artery in an adult patient. <i>Journal of Cardiothoracic Surgery</i> , 2013, 8, 15.	0.4	6
51	Quantification of epicardial fat using non contrast cardiac CT in an HIV population: Reproducibility and association with other body fat indices. <i>European Journal of Radiology Open</i> , 2021, 8, 100317.	0.7	6
52	Lack of Effect of Position Restriction after Transthoracic Biopsy. <i>Radiology</i> , 2001, 219, 295-295.	3.6	5
53	Peritoneal and Pericardial Communication after Cardiac Surgery with Delayed Clinical Manifestations. <i>Peritoneal Dialysis International</i> , 2002, 22, 515-518.	1.1	5
54	Iterative Reconstruction in 256-MDCT of Coronary Artery Bypass Grafts: Assessment of Radiation Dose Reduction and Image Quality. <i>American Journal of Roentgenology</i> , 2014, 202, W599-W599.	1.0	5

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55	A morphometric 3D model of coronary artery bypass graft dysfunction with multidetector computed tomography. <i>Clinical Imaging</i> , 2015, 39, 1006-1011.	0.8	5
56	Diagnostic Yield of Rescreening Adults for Pulmonary Arteriovenous Malformations. <i>Journal of Vascular and Interventional Radiology</i> , 2019, 30, 1982-1987.	0.2	5
57	Association of Epicardial Fat with Non-Calcified Coronary Plaque Volume and With Low Attenuation Plaque in People Living with HIV. <i>Aids</i> , 2021, Publish Ahead of Print, 1575-1584.	1.0	5
58	Loss of CD96 Expression as a Marker of HIV-Specific CD8+ T-Cell Differentiation and Dysfunction. <i>Frontiers in Immunology</i> , 2021, 12, 673061.	2.2	5
59	Percutaneous CT-guided lung interventionsâ€”local pleural anesthesia. <i>Clinical Imaging</i> , 2015, 39, 1024-1026.	0.8	4
60	Analysis of Pulmonary Vein Antrums Motion with Cardiac Contraction Using Dual-Source Computed Tomography. <i>Cureus</i> , 2016, 8, e712.	0.2	4
61	Chest Computed Tomography Screening in Colorectal Cancer Patients. <i>World Journal of Surgery</i> , 2009, 33, 1325-1326.	0.8	3
62	Coronary artery bypass graft imaging with 256-slice MDCT: surgical concepts, current techniques, and interpretation. <i>Clinical Imaging</i> , 2014, 38, 571-579.	0.8	3
63	Brief Report: Subclinical Carotid Artery Atherosclerosis Is Associated With Increased Expression of Peripheral Blood IL-32 Isoforms Among Women Living With HIV. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2021, 88, 186-191.	0.9	3
64	Outcome of Toxic Megacolon during Pregnancy. <i>Canadian Journal of Gastroenterology & Hepatology</i> , 1990, 4, 230-234.	1.8	2
65	Stepladder artifact in coronary computed tomography angiography. <i>Catheterization and Cardiovascular Interventions</i> , 2007, 69, 922-922.	0.7	2
66	Computed tomography angiography in the diagnosis of pulmonary embolism: interobserver agreement. <i>American Journal of Emergency Medicine</i> , 2011, 29, 118-119.	0.7	2
67	Peritoneal and pericardial communication after cardiac surgery with delayed clinical manifestations. <i>Peritoneal Dialysis International</i> , 2002, 22, 515-8.	1.1	2
68	CT angiography for coronary graft assessment. <i>Journal of Thoracic Disease</i> , 2018, 10, E77-E78.	0.6	1
69	Successful Treatment of a Stenotic Pulmonary Vein to Left Atrium Conduit With a Drug-Eluting Stent. <i>CJC Open</i> , 2019, 1, 147-149.	0.7	1
70	Cystic fibrosis in the 21st century: what every radiologist should know. <i>Clinical Imaging</i> , 2022, 84, 118-129.	0.8	1
71	Quel est votre diagnosticÂ?. <i>Journal De Radiologie</i> , 2008, 89, 527.	0.0	0
72	Case of the Month #174: Papillary Fibroelastoma of the Aortic Valve. <i>Canadian Association of Radiologists Journal</i> , 2012, 63, 69-72.	1.1	0

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73	Radiation Dose Reduction in Computed Tomography: Implementation of an Iterative Image Reconstruction Method. Canadian Association of Radiologists Journal, 2013, 64, 386-386.	1.1	0
74	HIV Infection and Subclinical Coronary Atherosclerosis. Annals of Internal Medicine, 2014, 161, 923.	2.0	0
75	Reply to Lobo Filho et al.. European Journal of Cardio-thoracic Surgery, 2015, 47, 940.2-941.	0.6	0
76	Coronary calcium assessment with computed tomography in HIV-infected patients. Atherosclerosis, 2016, 249, 99-100.	0.4	0
77	Phase 1-2 Study on the Role of Dual-Energy Computed Tomography (DECT) for Assessment of Pulmonary Function in Radiation Therapy Planning. International Journal of Radiation Oncology Biology Physics, 2016, 96, S45.	0.4	0
78	Effect of low-osmolar iopamidol or iso-osmolar iodixanol on heart rate and experienced pain during ECG-gated cardiac CT. Clinical Imaging, 2020, 68, 13.	0.8	0
79	Associative prediction of carotid artery plaques based on ultrasound strain imaging and cardiovascular risk factors in people living with HIV and age-matched control subjects of the CHACS cohort. Journal of Acquired Immune Deficiency Syndromes (1999), 2022, Publish Ahead of Print, .	0.9	0