

Vimal Raj

List of Publications by Year in descending order

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72
papers

1,236
citations

623734

14
h-index

377865

34
g-index

74
all docs

74
docs citations

74
times ranked

1586
citing authors

#	ARTICLE	IF	CITATIONS
1	Qualitative Analysis of High-Resolution CT Scans in Severe Asthma. <i>Chest</i> , 2009, 136, 1521-1528.	0.8	190
2	Targeted post-mortem computed tomography cardiac angiography: proof of concept. <i>International Journal of Legal Medicine</i> , 2011, 125, 609-616.	2.2	116
3	Quantitative computed tomography-derived clusters: Redefining airway remodeling in asthmatic patients. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 133, 729-738.e18.	2.9	108
4	Diagnostic accuracy of post-mortem CT with targeted coronary angiography versus autopsy for coroner-requested post-mortem investigations: a prospective, masked, comparison study. <i>Lancet</i> , The, 2017, 390, 145-154.	13.7	102
5	The Role of CT Scanning in Multidimensional Phenotyping of COPD. <i>Chest</i> , 2011, 140, 634-642.	0.8	96
6	Post-mortem computed tomography angiography: past, present and future. <i>Forensic Science, Medicine, and Pathology</i> , 2011, 7, 271-277.	1.4	82
7	Regional Thicknesses and Thickening of Compacted and Trabeculated Myocardial Layers of the Normal Left Ventricle Studied by Cardiovascular Magnetic Resonance. <i>Circulation: Cardiovascular Imaging</i> , 2011, 4, 139-146.	2.6	78
8	Accuracy of targeted post-mortem computed tomography coronary angiography compared to assessment of serial histological sections. <i>International Journal of Legal Medicine</i> , 2013, 127, 809-817.	2.2	53
9	Emphysema- and airway-dominant COPD phenotypes defined by standardised quantitative computed tomography. <i>European Respiratory Journal</i> , 2016, 48, 92-103.	6.7	46
10	Multidetector CT imaging of pleura: comparison of two contrast infusion protocols. <i>British Journal of Radiology</i> , 2011, 84, 796-799.	2.2	38
11	Imaging protocols for CT chest: A recommendation. <i>Indian Journal of Radiology and Imaging</i> , 2019, 29, 236-246.	0.8	35
12	Phenotyping airways disease: an A to E approach. <i>Clinical and Experimental Allergy</i> , 2012, 42, 1664-1683.	2.9	34
13	Targeted cardiac post-mortem computed tomography angiography: a pictorial review. <i>Forensic Science, Medicine, and Pathology</i> , 2012, 8, 40-47.	1.4	26
14	CSI position statement on management of heart failure in India. <i>Indian Heart Journal</i> , 2018, 70, S1-S72.	0.5	18
15	Case report: Completely unroofed coronary sinus with a left superior vena cava draining into the left atrium studied by cardiovascular magnetic resonance. <i>Indian Journal of Radiology and Imaging</i> , 2010, 20, 215-217.	0.8	13
16	Cardiac Magnetic Resonance of Acute Myocarditis in an Human Immunodeficiency Virus Patient Presenting With Acute Chest Pain Syndrome. <i>Circulation</i> , 2010, 121, 2777-2779.	1.6	13
17	The use of post-mortem computed tomography in the investigation of intentional neonatal upper airway obstruction: an illustrated case. <i>International Journal of Legal Medicine</i> , 2010, 124, 641-645.	2.2	12
18	Demonstrating the origin of cardiac air embolism using post-mortem computed tomography; an illustrated case. <i>Legal Medicine</i> , 2011, 13, 79-82.	1.3	11

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19	Cardiovascular Magnetic Resonance Determinants of Left Ventricular Noncompaction. American Journal of Cardiology, 2014, 114, 456-462.	1.6	11
20	Aortic calcification, arterial stiffness and bone mineral density in patients with COPD. Artery Research, 2011, 5, 30.	0.6	9
21	Temporal Assessment of Airway Remodeling in Severe Asthma Using Quantitative Computed Tomography. American Journal of Respiratory and Critical Care Medicine, 2015, 191, 107-110.	5.6	9
22	Illustrated Imaging Essay on Congenital Heart Diseases: Multimodality Approach Part I: Clinical Perspective, Anatomy and Imaging Techniques. Journal of Clinical and Diagnostic Research JCDR, 2016, 10, TE01-6.	0.8	8
23	Ischaemic heart disease assessment by cardiovascular magnetic resonance imaging. Postgraduate Medical Journal, 2010, 86, 532-540.	1.8	7
24	Complications of myocardial infarction on multidetector-row computed tomography of chest. Clinical Radiology, 2010, 65, 930-936.	1.1	7
25	Cardiovascular magnetic resonance imaging in assessment of intracaval and intracardiac extension of renal cell carcinoma. Journal of Thoracic and Cardiovascular Surgery, 2012, 144, 845-851.	0.8	7
26	Pulmonary complications in the non-HIV immunocompromised patient. Clinical Radiology, 2012, 67, 1001-1010.	1.1	7
27	Cardiac CT: non-coronary applications. Postgraduate Medical Journal, 2010, 86, 165-173.	1.8	6
28	Air as a Contrast Medium for Targeted Post-mortem Computed Tomography Cardiac Angiography. Academic Forensic Pathology, 2011, 1, 144-145.	0.3	6
29	An Unusual Cause of Acute Limb Ischemia: Aortic Intimal Sarcoma. Annals of Thoracic Surgery, 2011, 91, e33-e35.	1.3	6
30	Illustrated Imaging Essay on Congenital Heart Diseases: Multimodality Approach Part III: Cyanotic Heart Diseases and Complex Congenital Anomalies. Journal of Clinical and Diagnostic Research JCDR, 2016, 10, TE01-10.	0.8	6
31	Levoatrial cardinal vein with normal left ventricle: A forgotten cause of pulmonary arterial hypertension. Indian Journal of Radiology and Imaging, 2017, 27, 413-416.	0.8	6
32	Imaging advances in asthma. Expert Opinion on Medical Diagnostics, 2011, 5, 453-465.	1.6	5
33	Implications of New (Seventh) TNM Classification of Lung Cancer on General Radiologists: A Pictorial Review. Current Problems in Diagnostic Radiology, 2011, 40, 85-93.	1.4	5
34	A Case of Giant Right Atrial Aneurysm in a Child. World Journal for Pediatric & Congenital Heart Surgery, 2016, 7, 516-519.	0.8	5
35	MRI and cardiac pacing devices - beware the rules are changing. British Journal of Radiology, 2011, 84, 857-859.	2.2	4
36	Cardiac magnetic resonance imaging of non-ischaemic cardiomyopathy. Postgraduate Medical Journal, 2012, 88, 38-48.	1.8	4

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37	Illustrated Imaging Essay on Congenital Heart Diseases: Multimodality Approach Part II: Acyanotic Congenital Heart Disease and Extracardiac Abnormalities. Journal of Clinical and Diagnostic Research JCDR, 2016, 10, TE01-6.	0.8	4
38	The Spectrum of Cardiac Anomalies Associated with Heterotaxy: A Single-Center Study of a Large Series Based on Computed Tomography. Pediatric Cardiology, 2020, 41, 1414-1424.	1.3	4
39	Safety profile of adenosine stress cardiac MRI in a tertiary hospital in India. Indian Journal of Radiology and Imaging, 2020, 30, 459-464.	0.8	4
40	Cardiac magnetic resonance techniques: Our experience on wide bore 3 tesla magnetic resonance system. Indian Journal of Radiology and Imaging, 2017, 27, 404-412.	0.8	4
41	Mimics of acute coronary syndrome on MDCT. Emergency Radiology, 2013, 20, 235-242.	1.8	3
42	Quantification of Liver Iron Overload: Correlation of MRI and Liver Tissue Biopsy in Pediatric Thalassemia Major Patients Undergoing Bone Marrow Transplant. Indian Journal of Hematology and Blood Transfusion, 2020, 36, 667-673.	0.6	3
43	Isolated left ventricular apical hypoplasia in a young child. BMJ Case Reports, 2021, 14, e239297.	0.5	3
44	IASLC Lung Cancer Staging Project—A Radiologist Perspective. Journal of Thoracic Oncology, 2008, 3, 318-319.	1.1	3
45	Iatrogenic Tracheoesophageal Fistula. Journal of Thoracic Oncology, 2009, 4, 1572.	1.1	2
46	Influence of imaging on touch imprint cytology of breast lesions. Cancer Epidemiology, 2010, 34, 457-460.	1.9	2
47	Unusual Cause of Hoarseness of Voice: Giant Pulmonary Artery Aneurysm. Annals of Thoracic Surgery, 2011, 91, 285-287.	1.3	2
48	Current Role of Multidetector Computed Tomography in Imaging of Wrist Injuries. Current Problems in Diagnostic Radiology, 2013, 42, 13-25.	1.4	2
49	Retroesophageal course of left brachiocephalic vein: The garland vein. Journal of Cardiac Surgery, 2017, 32, 394-395.	0.7	2
50	Giant Right Coronary Artery Aneurysm Mimicking Pericardial Mass. Journal of the American College of Cardiology, 2010, 56, 677.	2.8	1
51	State of Overall Cardiovascular Risk and Imaging Strategies in India. Current Cardiovascular Imaging Reports, 2015, 8, 1.	0.6	1
52	Prevalence and pattern of total and partial anomalous pulmonary venous connection in Indian patients with congenital heart disease. Journal of Cardiovascular Magnetic Resonance, 2015, 17, .	3.3	1
53	MDCT Assessment of Pulmonary Arterial Hypertension. Current Radiology Reports, 2017, 5, 1.	1.4	1
54	Meandering pulmonary veins mimicking scimitar syndrome. Cardiology in the Young, 2018, 28, 1171-1173.	0.8	1

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55	A rare complication of pulmonary tuberculosis - Pulmonary venous thrombosis with atrial extension. Journal of Cardiovascular and Thoracic Research, 2017, 9, 60-61.	0.9	1
56	The Role of Multi Detector Computed Tomographic Imaging Prior to Clinic Consultation in Patients Suspected to Have Lung Cancer. World Journal of Oncology, 2012, 3, 113-118.	1.5	1
57	Utility of Magnetic Resonance Imaging (MRI) and It's Comparison with Electroencephalogram (EEG) in First Onset Seizures in Children. International Journal of Contemporary Medicine Surgery and Radiology, 2018, 3, .	0.1	1
58	Cardiac magnetic resonance imaging in infiltrative cardiomyopathy. Journal of the Indian Academy of Echocardiography & Cardiovascular Imaging, 2019, 3, 78.	0.1	1
59	Multidetector computed tomographic assessment of subvalvular aortic stenosis. Clinical Radiology, 2011, 66, 187-189.	1.1	0
60	Old cavity, new cancer " is it time to re-think?. JRSM Short Reports, 2011, 2, 1-2.	0.6	0
61	Prevalence of congenital coronary artery abnormalities in south asian patients with pulmonary stenosis and VSD. Journal of Cardiovascular Magnetic Resonance, 2015, 17, P213.	3.3	0
62	Right atrial hamartoma: a rare entity. Indian Journal of Thoracic and Cardiovascular Surgery, 2017, 33, 241-243.	0.6	0
63	P444Comparison of hemodynamic adenosine response and splenic switch off in Indian subcontinent patients undergoing stress cardiac MRI. European Heart Journal Cardiovascular Imaging, 2019, 20, .	1.2	0
64	P445Detection of myocardial fibrosis in asymptomatic patients on renal replacement therapy. European Heart Journal Cardiovascular Imaging, 2019, 20, .	1.2	0
65	P446Role of native T1 mapping in assessment of patients post correction of tetralogy of Fallot. European Heart Journal Cardiovascular Imaging, 2019, 20, .	1.2	0
66	P184Case series of a rare association of cyanotic congenital heart disease with hypertrophic cardiomyopathy. European Heart Journal Cardiovascular Imaging, 2019, 20, .	1.2	0
67	Are Damaged Lungs Protected from COVID-19? An Interesting Observation. Indian Journal of Radiology and Imaging, 2021, 31, 791-794.	0.8	0
68	Hybrid Aortic Arch Replacement: A Novel Surgical Technique for a Difficult Problem. Surgical Science, 2011, 02, 335-337.	0.1	0
69	Is There a Role of Double Reporting and CT Pelvis for Lung Cancer Staging?. World Journal of Oncology, 2012, 3, 54-58.	1.5	0
70	An elderly male with tingly legs and a heavy heart: Persisting with the diagnosis!. Annals of Indian Academy of Neurology, 2016, 19, 444.	0.5	0
71	Cardiac magnetic resonance of myocardial involvement in leptospirosis. Heart Views, 2017, 18, 149.	0.2	0
72	Routine screening of renal function before intravenous contrast examination: Is this required in the Indian scenario?. Journal of Natural Science, Biology and Medicine, 2019, 10, 87.	1.0	0