

## 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.

64 papers	1,209 citations	17 h-index	33 g-index
70 ext. papers	1,582 ext. citations	3.8 avg, IF	4.43 L-index

#	Paper	IF	Citations
64	Chest pathology detection using deep learning with non-medical training <b>2015</b> ,		160
63	The prevalence and anatomical patterns of intramuscular coronary arteries: a coronary computed tomography angiographic study. <i>Journal of the American College of Cardiology</i> , <b>2007</b> , 49, 587-93	15.1	122
62	Inverse Relationship Between Membranous Septal Length and the Risk of Atrioventricular Block in Patients Undergoing Transcatheter Aortic Valve Implantation. <i>JACC: Cardiovascular Interventions</i> , <b>2015</b> , 8, 1218-1228	5	104
61	The role of ECG-gated MDCT in the evaluation of aortic and mitral mechanical valves: initial experience. <i>American Journal of Roentgenology</i> , <b>2008</b> , 191, 26-31	5.4	75
60	Congenital pulmonary venolobar syndrome: spectrum of helical CT findings with emphasis on computerized reformatting. <i>Radiographics</i> , <b>2003</b> , 23, 1175-84	5.4	68
59	Titin mutation in familial restrictive cardiomyopathy. <i>International Journal of Cardiology</i> , <b>2014</b> , 171, 24-30.	3.2	64
58	No evidence for myocardial iron overload in multitransfused patients with myelodysplastic syndrome using cardiac magnetic resonance T2 technique. <i>American Journal of Hematology</i> , <b>2007</b> , 82, 1013-6	7.1	63
57	Deep Learning for Natural Language Processing in Radiology-Fundamentals and a Systematic Review. <i>Journal of the American College of Radiology</i> , <b>2020</b> , 17, 639-648	3.5	47
56	Macrophages dictate the progression and manifestation of hypertensive heart disease. <i>International Journal of Cardiology</i> , <b>2016</b> , 203, 381-95	3.2	38
55	Coronary CT angiography for the detection of coronary artery stenosis in patients referred for transcatheter aortic valve replacement. <i>Journal of Cardiovascular Computed Tomography</i> , <b>2015</b> , 9, 31-41	2.8	37
54	Creating Artificial Images for Radiology Applications Using Generative Adversarial Networks (GANs) - A Systematic Review. <i>Academic Radiology</i> , <b>2020</b> , 27, 1175-1185	4.3	34
53	Overuse of Head CT Examinations for the Investigation of Minor Head Trauma: Analysis of Contributing Factors. <i>Journal of the American College of Radiology</i> , <b>2017</b> , 14, 171-176	3.5	25
52	Chest pathology identification using deep feature selection with non-medical training. <i>Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization</i> , <b>2018</b> , 6, 259-263	0.9	24
51	Application of MR morphologic, diffusion tensor, and perfusion imaging in the classification of brain tumors using machine learning scheme. <i>Neuroradiology</i> , <b>2019</b> , 61, 757-765	3.2	23
50	Are referring clinicians aware of patients at risk from intravenous injection of iodinated contrast media?. <i>Clinical Radiology</i> , <b>2002</b> , 57, 132-5	2.9	21
49	Giant right coronary aneurysm: CT angiographic and echocardiographic findings. <i>American Journal of Roentgenology</i> , <b>2001</b> , 177, 689-91	5.4	18
48	CT Image-based Decision Support System for Categorization of Liver Metastases Into Primary Cancer Sites: Initial Results. <i>Academic Radiology</i> , <b>2017</b> , 24, 1501-1509	4.3	17

47	Diagnostic and Prognostic Value of Chest Radiographs for COVID-19 at Presentation. <i>Western Journal of Emergency Medicine</i> , <b>2020</b> , 21, 1067-1075	3.3	17
46	Noncontrast Breast MRI During Pregnancy Using Diffusion Tensor Imaging: A Feasibility Study. <i>Journal of Magnetic Resonance Imaging</i> , <b>2019</b> , 49, 508-517	5.6	17
45	Classification of contrast-enhanced spectral mammography (CESM) images. <i>International Journal of Computer Assisted Radiology and Surgery</i> , <b>2019</b> , 14, 249-257	3.9	17
44	Cardiac CT Angiography (CCTA) predicts left atrial appendage occluder device size and procedure outcome. <i>International Journal of Cardiovascular Imaging</i> , <b>2017</b> , 33, 739-747	2.5	15
43	Myocardial bridging, a common anatomical variant rather than a congenital anomaly. <i>Seminars in Ultrasound, CT and MRI</i> , <b>2008</b> , 29, 195-203	1.7	15
42	Sex differences in aortic root and vascular anatomy in patients undergoing transcatheter aortic valve implantation: A computed-tomographic study. <i>Journal of Cardiovascular Computed Tomography</i> , <b>2017</b> , 11, 87-96	2.8	14
41	X-ray image categorization and retrieval using patch-based visualwords representation <b>2009</b> ,		14
40	Breast MRI during lactation: effects on tumor conspicuity using dynamic contrast-enhanced (DCE) in comparison with diffusion tensor imaging (DTI) parametric maps. <i>European Radiology</i> , <b>2020</b> , 30, 767-777	8	14
39	Deformable registration of trans-rectal ultrasound (TRUS) and magnetic resonance imaging (MRI) for focal prostate brachytherapy. <i>International Journal of Computer Assisted Radiology and Surgery</i> , <b>2016</b> , 11, 1015-23	3.9	13
38	Prevalence of the juxtaphrenic peak after upper lobectomy. <i>American Journal of Roentgenology</i> , <b>2001</b> , 177, 869-73	5.4	12
37	Automated Detection of Crohn's Disease Intestinal Strictures on Capsule Endoscopy Images Using Deep Neural Networks. <i>Journal of Crohn's and Colitis</i> , <b>2021</b> , 15, 749-756	1.5	11
36	Promoting head CT exams in the emergency department triage using a machine learning model. <i>Neuroradiology</i> , <b>2020</b> , 62, 153-160	3.2	11
35	3-D Neural denoising for low-dose Coronary CT Angiography (CCTA). <i>Computerized Medical Imaging and Graphics</i> , <b>2018</b> , 70, 185-191	7.6	9
34	Comparison of deep learning models for natural language processing-based classification of non-English head CT reports. <i>Neuroradiology</i> , <b>2020</b> , 62, 1247-1256	3.2	7
33	Quantitative CT Assessment of Gynecomastia in the General Population and in Dialysis, Cirrhotic, and Obese Patients. <i>Academic Radiology</i> , <b>2018</b> , 25, 626-635	4.3	7
32	Survival without surgical repair of acute rupture of the right ventricular free wall. <i>Clinical Cardiology</i> , <b>1999</b> , 22, 319-20	3.3	7
31	Automated processing of thermal imaging to detect COVID-19. <i>Scientific Reports</i> , <b>2021</b> , 11, 17489	4.9	7
30	Deep learning for pulmonary embolism detection on computed tomography pulmonary angiogram: a systematic review and meta-analysis. <i>Scientific Reports</i> , <b>2021</b> , 11, 15814	4.9	6

29	CT measurement of breast glandular tissue and its association with testicular cancer. <i>European Radiology</i> , <b>2017</b> , 27, 536-542	8	5
28	Injectable collagen implant improves survival, cardiac remodeling, and function in the early period after myocarditis in rats. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , <b>2014</b> , 19, 470-80	2.6	5
27	Mitral Annulus Calcium Score. <i>Circulation: Cardiovascular Imaging</i> , <b>2019</b> , 12, e007508	3.9	5
26	Role of Emergency Magnetic Resonance Imaging for the Workup of Suspected Appendicitis in Pregnant Women. <i>Israel Medical Association Journal</i> , <b>2016</b> , 18, 600-604	0.9	5
25	Patient-specific image denoising for ultra-low-dose CT-guided lung biopsies. <i>International Journal of Computer Assisted Radiology and Surgery</i> , <b>2017</b> , 12, 2145-2155	3.9	4
24	Deep-learning natural language processing for oncological applications. <i>Lancet Oncology</i> , <b>2020</b> , 21, 1553-1556	21.7	4
23	Association of normal systolic blood pressure in the emergency department with higher in-hospital mortality among hypertensive patients. <i>Journal of Clinical Hypertension</i> , <b>2019</b> , 21, 1841-1848	2.3	4
22	Visibility of normal thoracic anatomic landmarks on storage phosphor digital radiography versus conventional radiography. <i>Israel Medical Association Journal</i> , <b>2005</b> , 7, 495-7	0.9	4
21	V-Net Light - Parameter-Efficient 3-D Convolutional Neural Network for Prostate MRI Segmentation <b>2020</b> ,		3
20	Imaging Findings in Four COVID-19 Patients. <i>Israel Medical Association Journal</i> , <b>2020</b> , 22, 214-215	0.9	3
19	Automatic Segmentation of White Matter Tracts Using Multiple Brain MRI Sequences <b>2020</b> ,		2
18	An innovative appendage invagination procedure to reduce thrombus formation - a numerical model. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , <b>2018</b> , 21, 370-378	2.1	2
17	Gastric Banding: Complications Identified by CT. <i>Obesity Surgery</i> , <b>2019</b> , 29, 499-505	3.7	2
16	Yield of head CT for acute findings in patients presenting to the emergency department. <i>Clinical Imaging</i> , <b>2021</b> , 73, 1-5	2.7	2
15	Anisotropic neural deblurring for MRI acceleration. <i>International Journal of Computer Assisted Radiology and Surgery</i> , <b>2021</b> , 1	3.9	1
14	Identification of Iron Agglomerates by T2* MRI In Major Organs of Patients with End-Stage Renal Disease Who Receive Regularly Erythropoietin with Intravenous Iron. <i>Blood</i> , <b>2010</b> , 116, 2058-2058	2.2	1
13	The Diffusion Tensor Imaging Properties of the Normal Testicles at 3 Tesla Magnetic Resonance Imaging. <i>Academic Radiology</i> , <b>2019</b> , 26, 1010-1016	4.3	1
12	Artificial Intelligence for Interstitial Lung Disease Analysis on Chest Computed Tomography: A Systematic Review. <i>Academic Radiology</i> , <b>2021</b> ,	4.3	1

11	A Convolutional Neural Network Deep Learning Model Trained on CD Ulcers Images Accurately Identifies NSAID Ulcers. <i>Frontiers in Medicine</i> , <b>2021</b> , 8, 656493	4.9	1
10	Ultra-Low Dose Chest CT with Denoising for Lung Nodule Detection. <i>Israel Medical Association Journal</i> , <b>2021</b> , 23, 550-555	0.9	1
9	Trend in radiologist workload compared to number of admissions in the emergency department.. <i>European Journal of Radiology</i> , <b>2022</b> , 149, 110195	4.7	0
8	Incidental pulmonary embolism in CT scans of oncological patients with metastatic disease undergoing clinical trials: frequency and linkage with onset of disease progression (PE-PD association). <i>British Journal of Radiology</i> , <b>2020</b> , 93, 20200591	3.4	0
7	FDG PET/CT radiomics as a tool to differentiate between reactive axillary lymphadenopathy following COVID-19 vaccination and metastatic breast cancer axillary lymphadenopathy: a pilot study.. <i>European Radiology</i> , <b>2022</b> , 1	8	0
6	Weakly supervised attention model for RV strain classification from volumetric CTPA scans.. <i>Computer Methods and Programs in Biomedicine</i> , <b>2022</b> , 220, 106815	6.9	0
5	No Evidence for Iron Overload in the Heart of Multitransfused Elderly Patients with Sideroblastic Anemia (RARS) Measured by T2* MRI.. <i>Blood</i> , <b>2005</b> , 106, 2536-2536	2.2	
4	Target versus non-target lesions in determining disease progression: Analysis of 581 patients.. <i>Journal of Clinical Oncology</i> , <b>2019</b> , 37, e18053-e18053	2.2	
3	A template for generic assessment of tumor response: "myRECIST".. <i>Journal of Clinical Oncology</i> , <b>2020</b> , 38, e14149-e14149	2.2	
2	Incidental Detection of COVID-2019 on Magnetic Resonance Imaging. <i>Israel Medical Association Journal</i> , <b>2020</b> , 22, 521-522	0.9	
1	Pericardial Involvement in ST-Segment Elevation Myocardial Infarction as Detected by Cardiac MRI.. <i>Frontiers in Cardiovascular Medicine</i> , <b>2022</b> , 9, 752626	5.4	