Antonio Esposito

List of Publications by Year
in descending order

212 papers	7,385 citations	66336 42 h-index	74160 75 g-index
222 all docs	222 docs citations	222 times ranked	11290 citing authors

#	Article	IF	Citations
1	Acute myocarditis presenting as a reverse Tako-Tsubo syndrome in a patient with SARS-CoV-2 respiratory infection. European Heart Journal, 2020, 41, 1861-1862.	2.2	415
2	Habitual Physical Activity Is Associated With Intrahepatic Fat Content in Humans. Diabetes Care, 2007, 30, 683-688.	8.6	273
3	Antiplatelet therapy prevents hepatocellular carcinoma and improves survival in a mouse model of chronic hepatitis B. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E2165-72.	7.1	267
4	IL-23 secreted by myeloid cells drives castration-resistant prostate cancer. Nature, 2018, 559, 363-369.	27.8	258
5	Delayed Gadolinium-Enhanced Cardiac Magnetic Resonance in Patients With Chronic Myocarditis Presenting With Heart Failure or Recurrent Arrhythmias. Journal of the American College of Cardiology, 2006, 47, 1649-1654.	2.8	225
6	Effects of metabolic modulation by trimetazidine on left ventricular function and phosphocreatine/adenosine triphosphate ratio in patients with heart failure. European Heart Journal, 2006, 27, 942-948.	2.2	210
7	In Vivo Quantification of Helical Blood Flow in Human Aorta by Time-Resolved Three-Dimensional Cine Phase Contrast Magnetic Resonance Imaging. Annals of Biomedical Engineering, 2009, 37, 516-531.	2.5	191
8	Mechanistic insight into the physiological relevance of helical blood flow in the human aorta: an in vivo study. Biomechanics and Modeling in Mechanobiology, 2011, 10, 339-355.	2.8	190
9	Increased mediastinal fat and impaired left ventricular energy metabolism in young men with newly found fatty liver. Hepatology, 2008, 47, 51-58.	7.3	182
10	Ventricular Arrhythmias in Myocarditis. Journal of the American College of Cardiology, 2020, 75, 1046-1057.	2.8	148
11	Arrhythmias in myocarditis: State of the art. Heart Rhythm, 2019, 16, 793-801.	0.7	142
12	2-Deoxy-d-Glucose Ameliorates PKD Progression. Journal of the American Society of Nephrology: JASN, 2016, 27, 1958-1969.	6.1	140
13	Commensal bacteria promote endocrine resistance in prostate cancer through androgen biosynthesis. Science, 2021, 374, 216-224.	12.6	135
14	Cardiac CT With Delayed Enhancement inÂthe Characterization of Ventricular Tachycardia Structural Substrate. JACC: Cardiovascular Imaging, 2016, 9, 822-832.	5.3	111
15	Maturing Dendritic Cells Depend on RAGE for In Vivo Homing to Lymph Nodes. Journal of Immunology, 2008, 180, 2270-2275.	0.8	109
16	Insulin resistance and whole body energy homeostasis in obese adolescents with fatty liver disease. American Journal of Physiology - Endocrinology and Metabolism, 2006, 291, E697-E703.	3.5	105
17	Delayed-Enhanced Cardiac MRI for Differentiation of Fabry's Disease from Symmetric Hypertrophic Cardiomyopathy. American Journal of Roentgenology, 2009, 192, W97-W102.	2.2	105
18	Two Different Mechanisms of Myocardial Ischemia Involving 2 Separate Myocardial Segments in a Patient With Normal Coronary Angiography. Circulation, 2010, 121, e1-3.	1.6	95

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19	Apparent diffusion coefficient modifications in assessing gastro-oesophageal cancer response to neoadjuvant treatment: comparison with tumour regression grade at histology. European Radiology, 2013, 23, 2165-2174.	4.5	94
20	Gastric cancer: texture analysis from multidetector computed tomography as a potential preoperative prognostic biomarker. European Radiology, 2017, 27, 1831-1839.	4.5	93
21	Autologous Pancreatic Islet Transplantation in Human Bone Marrow. Diabetes, 2013, 62, 3523-3531.	0.6	90
22	Apparent Diffusion Coefficient Value and Ratio as Noninvasive Potential Biomarkers to Predict Prostate Cancer Grading: Comparison With Prostate Biopsy and Radical Prostatectomy Specimen. American Journal of Roentgenology, 2015, 204, 550-557.	2.2	78
23	A Wearable Brainâ€“Computer Interface Instrument for Augmented Reality-Based Inspection in Industry 4.0. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 1530-1539.	4.7	72
24	Heart and Lung Multimodality ImagingÂinÂCOVID-19. JACC: Cardiovascular Imaging, 2020, 13, 1792-1808.	5.3	67
25	Reduced intrahepatic fat content is associated with increased whole-body lipid oxidation in patients with type 1 diabetes. Diabetologia, 2005, 48, 2615-2621.	6.3	65
26	Abnormal Left Ventricular Energy Metabolism in Obese Men With Preserved Systolic and Diastolic Functions Is Associated With Insulin Resistance. Diabetes Care, 2007, 30, 1520-1526.	8.6	59
27	Interreader variability in prostate MRI reporting using Prostate Imaging Reporting and Data System version 2.1. European Radiology, 2020, 30, 3383-3392.	4.5	58
28	Cross-Sectional Assessment of the Effect of Kidney and Kidney-Pancreas Transplantation on Resting Left Ventricular Energy Metabolism in Type 1 Diabetic-Uremic Patients. Journal of the American College of Cardiology, 2005, 46, 1085-1092.	2.8	56
29	Effect of the sporting discipline on the right and left ventricular morphology and function of elite male track runners: A magnetic resonance imaging and phosphorus 31 spectroscopy study. American Heart Journal, 2007, 154, 937-942.	2.7	56
30	Cardiac Magnetic Resonance Characterization of Myocarditis-Like Acute Cardiac Syndrome in COVID-19. JACC: Cardiovascular Imaging, 2020, 13, 2462-2465.	5.3	56
31	Pre-treatment MDCT-based texture analysis for therapy response prediction in gastric cancer: Comparison with tumour regression grade at final histology. European Journal of Radiology, 2017, 90, 129-137.	2.6	55
32	Not All Multiparametric Magnetic Resonance Imagingâ€“targeted Biopsies Are Equal: The Impact of the Type of Approach and Operator Expertise on the Detection of Clinically Significant Prostate Cancer. European Urology Oncology, 2018, 1, 120-128.	5.4	55
33	Myofilament Degradation and Dysfunction of Human Cardiomyocytes in Fabry Disease. American Journal of Pathology, 2008, 172, 1482-1490.	3.8	51
34	Clinical indications for cardiac computed tomography. From the Working Group of the Cardiac Radiology Section of the Italian Society of Medical Radiology (SIRM). Radiologia Medica, 2012, 117, 901-938.	7.7	51
35	Defining the optimal biological dose of NGR-hTNF, a selective vascular targeting agent, in advanced solid tumours. European Journal of Cancer, 2010, 46, 198-206.	2.8	50
36	Serum Retinol-Binding Protein-4, Leptin, and Adiponectin Concentrations Are Related to Ectopic Fat Accumulation. Journal of Clinical Endocrinology and Metabolism, 2007, 92, 4883-4888.	3.6	49

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37	Response to chemotherapy in gastric adenocarcinoma with diffusionâ€weighted MRI and ¹⁸Fâ€FDGâ€PET/CT: Correlation of apparent diffusion coefficient and partial volume corrected standardized uptake value with histological tumor regression grade. Journal of Magnetic Resonance Imaging, 2014, 40, 1147-1157.	3.4	49
38	On the use of superparamagnetic hydroxyapatite nanoparticles as an agent for magnetic and nuclear in vivo imaging. Acta Biomaterialia, 2018, 73, 458-469.	8.3	49
39	Imaging and epicardial substrate ablation of ventricular tachycardia in patients late after myocarditis. Europace, 2014, 16, 1363-1372.	1.7	48
40	Prospective comparison of MR with diffusion-weighted imaging, endoscopic ultrasound, MDCT and positron emission tomography-CT in the pre-operative staging of oesophageal cancer: results from a pilot study. British Journal of Radiology, 2016, 89, 20160087.	2.2	47
41	Magnetic Resonance Imaging at 7T Reveals Common Events in Age-Related Sarcopenia and in the Homeostatic Response to Muscle Sterile Injury. PLoS ONE, 2013, 8, e59308.	2.5	46
42	Pulmonary Vascular Thrombosis in COVID-19 Pneumonia. Journal of Cardiothoracic and Vascular Anesthesia, 2021, 35, 3631-3641.	1.3	46
43	Image quality and radiation dose of single heartbeat 640-slice coronary CT angiography: A comparison between patients with chronic Atrial Fibrillation and subjects in normal sinus rhythm by propensity analysis. European Journal of Radiology, 2015, 84, 631-636.	2.6	45
44	Preoperative locoregional staging of gastric cancer: is there a place for magnetic resonance imaging? Prospective comparison with EUS and multidetector computed tomography. Gastric Cancer, 2016, 19, 216-225.	5.3	44
45	Serum Resistin and Hepatic Fat Content in Nondiabetic Individuals. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 5122-5125.	3.6	43
46	Association Between Prostate Imaging Reporting and Data System (PI-RADS) Score for the Index Lesion and Multifocal, Clinically Significant Prostate Cancer. European Urology Oncology, 2018, 1, 29-36.	5.4	43
47	Chest CTâ€“derived pulmonary artery enlargement at the admission predicts overall survival in COVID-19 patients: insight from 1461 consecutive patients in Italy. European Radiology, 2021, 31, 4031-4041.	4.5	43
48	Tocilizumab for the treatment of immune-related adverse events: a systematic literature review and a multicentre case series. European Journal of Internal Medicine, 2021, 93, 87-94.	2.2	41
49	There Is No Way to Avoid Systematic Prostate Biopsies in Addition to Multiparametric Magnetic Resonance Imaging Targeted Biopsies. European Urology Oncology, 2020, 3, 112-118.	5.4	40
50	Leukocyte HMGB1 Is Required for Vessel Remodeling in Regenerating Muscles. Journal of Immunology, 2014, 192, 5257-5264.	0.8	39
51	Inflammation as a Predictor of RecurrentÂVentricular Tachycardia After Ablation in Patients With Myocarditis. Journal of the American College of Cardiology, 2020, 76, 1644-1656.	2.8	39
52	MRI of Cardiomyopathy. American Journal of Roentgenology, 2008, 191, 1702-1710.	2.2	38
53	Correlation between ADC values and Gleason score in evaluation of prostate cancer: multicentre experience and review of the literature. Gland Surgery, 2019, 8, S216-S222.	1.1	38
54	Late iodine enhancement cardiac computed tomography for detection of myocardial scars: impact of experience in the clinical practice. Radiologia Medica, 2020, 125, 128-136.	7.7	38

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55	Mesenchymal stem cells expressing therapeutic genes induce autochthonous prostate tumour regression. European Journal of Cancer, 2014, 50, 2478-2488.	2.8	37
56	Preoperative multiparametric MRI of the prostate for the prediction of lymph node metastases in prostate cancer patients treated with extended pelvic lymph node dissection. European Radiology, 2018, 28, 1969-1976.	4.5	37
57	Identification of High-Risk Patients After ST-Segmentâ€“Elevation Myocardial Infarction. Circulation: Cardiovascular Imaging, 2017, 10, e005841.	2.6	35
58	Systemic sclerosis myocarditis has unique clinical, histological and prognostic features: a comparative histological analysis. Rheumatology, 2020, 59, 2523-2533.	1.9	35
59	First Experience With the Coronary Sinus Reducer System for the Management of Refractory Angina in Patients Without Obstructive Coronary Artery Disease. JACC: Cardiovascular Interventions, 2017, 10, 1901-1903.	2.9	33
60	Impact of systemic immune-mediated diseases on clinical features and prognosis of patients with biopsy-proved myocarditis. International Journal of Cardiology, 2019, 280, 110-116.	1.7	33
61	The sub-millisievert era in CTCA: the technical basis of the new radiation dose approach. Radiologia Medica, 2020, 125, 1024-1039.	7.7	33
62	MR Imaging Monitoring of Iron-Labeled Pancreatic Islets in a Small Series of Patients: Islet Fate in Successful, Unsuccessful, and Autotransplantation. Cell Transplantation, 2015, 24, 2285-2296.	2.5	32
63	The current landscape of imaging recommendations in cardiovascular clinical guidelines: toward an imaging-guided precision medicine. Radiologia Medica, 2020, 125, 1013-1023.	7.7	32
64	Immunosuppressive Therapy and Risk Stratification of Patients With Myocarditis Presenting With Ventricular Arrhythmias. JACC: Clinical Electrophysiology, 2020, 6, 1221-1234.	3.2	32
65	Chest CT in the emergency department for suspected COVID-19 pneumonia. Radiologia Medica, 2021, 126, 498-502.	7.7	32
66	Gene Modification and Three-Dimensional Scaffolds as Novel Tools to Allow the Use of Postnatal Thymic Epithelial Cells for Thymus Regeneration Approaches. Stem Cells Translational Medicine, 2019, 8, 1107-1122.	3.3	31
67	Prognostic Role of Diffusion-weighted MR Imaging for Resectable Gastric Cancer. Radiology, 2015, 276, 444-452.	7.3	30
68	Pharmacological blockade of TNFÎ± prevents sarcopenia and prolongs survival in aging mice. Aging, 2020, 12, 23497-23508.	3.1	30
69	Impaired left ventricular energy metabolism in patients with hypertrophic cardiomyopathy is related to the extension of fibrosis at delayed gadolinium-enhanced magnetic resonance imaging. Heart, 2008, 95, 228-233.	2.9	29
70	<scp>IFN</scp>Î± gene/cell therapy curbs colorectal cancer colonization of the liver by acting on the hepatic microenvironment. EMBO Molecular Medicine, 2016, 8, 155-170.	6.9	29
71	Early T1 Myocardial MRI Mapping: Value in Detecting Myocardial Hyperemia in Acute Myocarditis. Radiology, 2020, 295, 316-325.	7.3	29
72	â€œQuadruple Rule-Outâ€•With Computed Tomography in a COVID-19 Patient With Equivocal Acute Coronary Syndrome Presentation. JACC: Cardiovascular Imaging, 2020, 13, 1854-1856.	5.3	29

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73	Magnetic Resonance Imaging Allows the Evaluation of Tissue Damage and Regeneration in a Mouse Model of Critical Limb Ischemia. PLoS ONE, 2015, 10, e0142111.	2.5	29
74	CMR in the Assessment of Cardiac Masses. JACC: Cardiovascular Imaging, 2014, 7, 1057-1061.	5.3	28
75	Adaptive immunity against gut microbiota enhances apoE-mediated immune regulation and reduces atherosclerosis and western-diet-related inflammation. Scientific Reports, 2016, 6, 29353.	3.3	28
76	A TCP-based early regression index predicts the pathological response in neo-adjuvant radio-chemotherapy of rectal cancer. Radiotherapy and Oncology, 2018, 128, 564-568.	0.6	28
77	Patterns of Regional Myocardial Perfusion Following Coronary Sinus Reducer Implantation. Circulation: Cardiovascular Imaging, 2019, 12, e009148.	2.6	28
78	Beneficial effects of betaâ€blockers on left ventricular function and cellular energy reserve in patients with heart failure. Fundamental and Clinical Pharmacology, 2013, 27, 455-464.	1.9	27
79	Cardiac Computed Tomography in Troponin-Positive Chest Pain. JACC: Cardiovascular Imaging, 2019, 12, 745-748.	5.3	27
80	Myocardial Late Contrast Enhancement CT in Troponin-Positive Acute Chest Pain Syndrome. Radiology, 2022, 302, 545-553.	7.3	27
81	Apparent diffusion coefficient in the evaluation of side-specific extracapsular extension in prostate cancer: Development and external validation of a nomogram of clinical use. Urologic Oncology: Seminars and Original Investigations, 2016, 34, 291.e9-291.e17.	1.6	26
82	Utrophin up-regulation by artificial transcription factors induces muscle rescue and impacts the neuromuscular junction in mdx mice. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2018, 1864, 1172-1182.	3.8	26
83	Appropriate use criteria for cardiovascular magnetic resonance imaging (CMR): SICâ€”SIRM position paper part 1 (ischemic and congenital heart diseases, cardio-oncology, cardiac masses and heart) Tj ETQq1 1 0.784314 rgBT /Overlock	2.1	26
84	Coronary sinus Reducer non-responders: insights and perspectives. EuroIntervention, 2018, 13, 1667-1669.	3.2	26
85	Lights and shadows of cardiac magnetic resonance imaging in acute myocarditis. Insights Into Imaging, 2016, 7, 99-110.	3.4	25
86	The impact of the coronary sinus reducer upon left ventricular function in patients with refractory angina pectoris. Catheterization and Cardiovascular Interventions, 2020, 95, 1104-1108.	1.7	24
87	Improving the Procedure for Detection of Intrahepatic Transplanted Islets by Magnetic Resonance Imaging. American Journal of Transplantation, 2009, 9, 2372-2382.	4.7	22
88	Italian registry of cardiac magnetic resonance. European Journal of Radiology, 2014, 83, e15-e22.	2.6	22
89	Prognostic utility of diffusion-weighted MRI in oesophageal cancer: is apparent diffusion coefficient a potential marker of tumour aggressiveness?. Radiologia Medica, 2016, 121, 173-180.	7.7	22
90	Hybrid FDG-PET/MR or FDG-PET/CT to Detect Disease Activity in Patients With Persisting Arrhythmias After Myocarditis. JACC: Cardiovascular Imaging, 2021, 14, 288-292.	5.3	22

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91	Coronary and total thoracic calcium scores predict mortality and provides pathophysiologic insights in COVID-19 patients. Journal of Cardiovascular Computed Tomography, 2021, 15, 421-430.	1.3	22
92	Advanced Magnetic Resonance Imaging (MRI) Techniques: Technical Principles and Applications in Nanomedicine. Cancers, 2022, 14, 1626.	3.7	22
93	Two-dimensional and three-dimensional cardiac magnetic resonance feature-tracking myocardial strain analysis in acute myocarditis patients with preserved ejection fraction. International Journal of Cardiovascular Imaging, 2019, 35, 1101-1109.	1.5	21
94	Late gadolinium enhancement role in arrhythmic risk stratification of patients with LMNA cardiomyopathy: results from a long-term follow-up multicentre study. Europace, 2020, 22, 1864-1872.	1.7	21
95	Epicardial adipose tissue characteristics, obesity and clinical outcomes in COVID-19: A post-hoc analysis of a prospective cohort study. Nutrition, Metabolism and Cardiovascular Diseases, 2021, 31, 2156-2164.	2.6	21
96	Late Enhancement of a Left Ventricular Cardiac Fibroma Assessed With Gadolinium-Enhanced Cardiovascular Magnetic Resonance. Circulation, 2005, 112, e242-3.	1.6	20
97	Leukocytes recruited by tumor-derived HMGB1 sustain peritoneal carcinomatosis. OncoImmunology, 2016, 5, e1122860.	4.6	20
98	Efficacy and safety of mycophenolate mofetil in patients with virus-negative lymphocytic myocarditis: A prospective cohort study. Journal of Autoimmunity, 2020, 106, 102330.	6.5	20
99	Left ventricular function and energy metabolism in middle-aged men undergoing long-lasting sustained aerobic oxidative training. Heart, 2008, 95, 630-635.	2.9	19
100	Hypoxia-Induced miR-210 Is Necessary for Vascular Regeneration upon Acute Limb Ischemia. International Journal of Molecular Sciences, 2020, 21, 129.	4.1	19
101	Assessment of Remote Myocardium Heterogeneity in Patients with Ventricular Tachycardia Using Texture Analysis of Late Iodine Enhancement (LIE) Cardiac Computed Tomography (cCT) Images. Molecular Imaging and Biology, 2018, 20, 816-825.	2.6	18
102	SIRMâ€“SIC appropriateness criteria for the use of Cardiac Computed Tomography. Part 1: Congenital heart diseases, primary prevention, risk assessment before surgery, suspected CAD inÂsymptomatic patients, plaque and epicardial adipose tissue characterization, and functional assessment of stenosis. Radiologia Medica, 2021, 126, 1236-1248.	7.7	18
103	Regulation of tumor growth by circulating full-length chromogranin A. Oncotarget, 2016, 7, 72716-72732.	1.8	18
104	Coronary calcium score as a predictor of outcomes in the hypertensive Covid-19 population: results from the Italian (S) Core-Covid-19 Registry. Hypertension Research, 2022, 45, 333-343.	2.7	18
105	Apparent diffusion coefficient by diffusion-weighted magnetic resonance imaging as a sole biomarker for staging and prognosis of gastric cancer. Chinese Journal of Cancer Research: Official Journal of China Anti-Cancer Association, Beijing Institute for Cancer Research, 2017, 29, 118-126.	2.2	17
106	Could early tumour volume changes assessed on morphological MRI predict the response to chemoradiation therapy in locally-advanced rectal cancer?. Clinical Radiology, 2018, 73, 555-563.	1.1	17
107	Telemedicine in myocarditis: Evolution of a mutidisciplinary â€œdisease unitâ€•at the time of COVID-19 pandemic. American Heart Journal, 2020, 229, 121-126.	2.7	17
108	Advanced Imaging Analysis in Prostate MRI: Building a Radiomic Signature to Predict Tumor Aggressiveness. Diagnostics, 2021, 11, 594.	2.6	17

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109	Recommendations for cardiovascular magnetic resonance and computed tomography in congenital heart disease: a consensus paper from the CMR/CCT working group of the Italian Society of Pediatric Cardiology (SICP) and the Italian College of Cardiac Radiology endorsed by the Italian Society of Medical and Interventional Radiology (SIRM) Part I. Radiologia Medica, 2022, 127, 788-802.	7.7	17
110	The Spectrum of COVID-19-Associated Myocarditis: A Patient-Tailored Multidisciplinary Approach. Journal of Clinical Medicine, 2021, 10, 1974.	2.4	16
111	Impact of horizontal aorta on procedural and clinical outcomes in second-generation transcatheter aortic valve implantation. EuroIntervention, 2019, 15, e749-e756.	3.2	16
112	Clinical Applications of FDG-PET Scan in Arrhythmic Myocarditis. JACC: Cardiovascular Imaging, 2022, 15, 1771-1780.	5.3	16
113	Intraindividual Comparison of Gadobutrol and Gadopentetate Dimeglumine for Detection of Myocardial Late Enhancement in Cardiac MRI. American Journal of Roentgenology, 2012, 198, 809-816.	2.2	15
114	CMR in Assessment of Cardiac Masses. JACC: Cardiovascular Imaging, 2014, 7, 733-736.	5.3	15
115	Automatic extraction of threeâ€dimensional thoracic aorta geometric model from phase contrast MRI for morphometric and hemodynamic characterization. Magnetic Resonance in Medicine, 2016, 75, 873-882.	3.0	15
116	Can DCE-MRI reduce the number of PI-RADS v.2 false positive findings? Role of quantitative pharmacokinetic parameters in prostate lesions characterization. European Journal of Radiology, 2019, 118, 51-57.	2.6	15
117	Skeletal Muscle Proteomic Profile Revealed Gender-Related Metabolic Responses in a Diet-Induced Obesity Animal Model. International Journal of Molecular Sciences, 2021, 22, 4680.	4.1	15
118	Advanced cardiac imaging in athleteâ€™s heart: unravelling the grey zone between physiologic adaptation and pathology. Radiologia Medica, 2021, 126, 1518-1531.	7.7	15
119	Myocarditis Associated with Clozapine Studied by Cardiovascular Magnetic Resonance. Journal of Cardiovascular Magnetic Resonance, 2007, 9, 591-593.	3.3	14
120	Effects of short-term manipulation of serum FFA concentrations on left ventricular energy metabolism and function in patients with heart failure: no association with circulating bio-markers of inflammation. Acta Diabetologica, 2015, 52, 753-761.	2.5	14
121	A New Model of Chronic Mycobacterium abscessus Lung Infection in Immunocompetent Mice. International Journal of Molecular Sciences, 2020, 21, 6590.	4.1	14
122	The Suv420h histone methyltransferases regulate PPAR-Î³ and energy expenditure in response to environmental stimuli. Science Advances, 2019, 5, eaav1472.	10.3	13
123	Septal Late Gadolinium Enhancement and Arrhythmic Risk in Genetic and Acquired Non-Ischaemic Cardiomyopathies. Heart Lung and Circulation, 2020, 29, 1356-1365.	0.4	13
124	Multimodality imaging in chronic heart failure. Radiologia Medica, 2021, 126, 231-242.	7.7	13
125	Feature tracking and mapping analysis of myocardial response to improved perfusion reserve in patients with refractory angina treated by coronary sinus Reducer implantation: a CMR study. International Journal of Cardiovascular Imaging, 2021, 37, 291-303.	1.5	13
126	Magnetic resonance imaging of a hypereosinophilic endocarditis with apical thrombotic obliteration in Churgâ€“Strauss syndrome complicated with acute abdominal aortic embolic occlusion. International Journal of Cardiology, 2010, 143, e48-e50.	1.7	12

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127	Resting cardiac energy metabolism is inversely associated with heart rate in healthy young adult men. American Heart Journal, 2011, 162, 136-141.	2.7	12
128	7-Tesla Magnetic Resonance Imaging Precisely and Noninvasively Reflects Inflammation and Remodeling of the Skeletal Muscle in a Mouse Model of Antisynthetase Syndrome. BioMed Research International, 2014, 2014, 1-8.	1.9	12
129	Characterization of normal and scarred myocardium based on texture analysis of cardiac computed tomography images. , 2016, 2016, 4161-4164.		12
130	Allo- and auto-percutaneous intra-portal pancreatic islet transplantation (PIPIT) for diabetes cure and prevention: the role of imaging and interventional radiology. Gland Surgery, 2018, 7, 117-131.	1.1	12
131	Accurate outcome prediction after neo-adjuvant radio-chemotherapy for rectal cancer based on a TCP-based early regression index. Clinical and Translational Radiation Oncology, 2019, 19, 12-16.	1.7	12
132	Assessing the Clinical Value of Positive Multiparametric Magnetic Resonance Imaging in Young Men with a Suspicion of Prostate Cancer. European Urology Oncology, 2021, 4, 594-600.	5.4	12
133	Coronary Sinus Reducer Implantation to Reduce the Ischemic Burden in Refractory Angina. JACC: Cardiovascular Interventions, 2019, 12, e11-e13.	2.9	12
134	Cardiac magnetic resonance in arrhythmogenic cardiomyopathies. Radiologia Medica, 2020, 125, 1087-1101.	7.7	12
135	Quantitative assessment of lung involvement on chest CT at admission: Impact on hypoxia and outcome in COVID-19 patients. Clinical Imaging, 2021, 77, 194-201.	1.5	12
136	Validation of an Accurate and Noninvasive Tool to Exclude Female Precocious Puberty: Pelvic Ultrasound With Uterine Artery Pulsatility Index. American Journal of Roentgenology, 2019, 213, 451-457.	2.2	11
137	Immunosuppressive therapy in childhoodâ€onset arrhythmogenic inflammatory cardiomyopathy. PACE - Pacing and Clinical Electrophysiology, 2021, 44, 552-556.	1.2	11
138	Real-world clinical validity of cardiac magnetic resonance tissue tracking in primitive hypertrophic cardiomyopathy. Radiologia Medica, 2021, 126, 1532-1543.	7.7	11
139	Isolated Cardiac Metastasis from Colorectal Cancer in a 35-Year-Old Man. Case Reports in Medicine, 2012, 2012, 1-3.	0.7	10
140	Liver Perfusion Changes Occurring During Pancreatic Islet Engraftment: A Dynamic Contrast-Enhanced Magnetic Resonance Study. American Journal of Transplantation, 2014, 14, 203-210.	4.7	10
141	Glucose metabolism during tumorigenesis in the genetic mouse model of pancreatic cancer. Acta Diabetologica, 2019, 56, 1013-1022.	2.5	10
142	COVIDâ€19 cardiac involvement in a 38â€day old infant. Pediatric Pulmonology, 2020, 55, 1879-1881.	2.0	10
143	Cardiac magnetic resonance in systemic sclerosis myocarditis: the value of T2 mapping to detect myocardial inflammation. Rheumatology, 2022, 61, 4409-4419.	1.9	10
144	Spatiotemporal Regulation of Tumor Angiogenesis by Circulating Chromogranin A Cleavage and Neuropilin-1 Engagement. Cancer Research, 2019, 79, 1925-1937.	0.9	9

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145	Appropriate use criteria for cardiovascular MRI: SIC â€“ SIRM position paper Part 2 (myocarditis,) Tj ETQq1 1 0.784314 rgBT /Overlock 1 2021, 22, 515-529.	1.5	9
146	Recommendations in pre-procedural imaging assessment for TAVI intervention: SIC-SIRM position paper part 2 (CT and MR angiography, standard medical reporting, future perspectives). Radiologia Medica, 2022, 127, 277-293.	7.7	9
147	New Insights in Abdominal Pain in Paroxysmal Nocturnal Hemoglobinuria (PNH): A MRI Study. PLoS ONE, 2015, 10, e0122832.	2.5	8
148	Improved Myocardial Function With Coronary Sinus Reducer in a Patient With Refractory Angina and Heart Failure With Reduced Ejection Fraction. Canadian Journal of Cardiology, 2020, 36, 589.e1-589.e4.	1.7	8
149	Feature tracking myocardial strain analysis in patients with bileaflet mitral valve prolapse: relationship with LGE and arrhythmias. European Radiology, 2021, 31, 7273-7282.	4.5	8
150	Elevated fasting plasma Câ€peptide occurs in nonâ€diabetic individuals with fatty liver, irrespective of insulin resistance. Diabetic Medicine, 2009, 26, 847-854.	2.3	7
151	Single-centre experience of extending indications for percutaneous intraportal islet autotransplantation (PIPIAT) after pancreatic surgery to prevent diabetes: feasibility, radiological aspects, complications and clinical outcome. British Journal of Radiology, 2016, 89, 20160246.	2.2	7
152	Modeling the Iatrogenic Pancreatic Cancer Risk After Islet Autotransplantation in Mouse. American Journal of Transplantation, 2017, 17, 2720-2727.	4.7	7
153	In vivo radiation dosimetry and image quality of turbo-flash and retrospective dual-source CT coronary angiography. Radiologia Medica, 2020, 125, 117-127.	7.7	7
154	Massive Spontaneous Subcutaneous Emphysema and Pneumomediastinum as Rare Complications of COVID-19 Pneumonia. Journal of Cardiothoracic and Vascular Anesthesia, 2022, 36, 1415-1418.	1.3	7
155	Serum Organ-Specific Anti-Heart and Anti-Intercalated Disk Autoantibodies as New Autoimmune Markers of Cardiac Involvement in Systemic Sclerosis: Frequency, Clinical and Prognostic Correlates. Diagnostics, 2021, 11, 2165.	2.6	7
156	Gender influence on dose saving allowed by prospective-triggered 64-slice multidetector computed tomography coronary angiography as compared with retrospective-gated mode. International Journal of Cardiology, 2012, 158, 253-259.	1.7	6
157	Multidetector Computed Tomography for Coronary Stents Imaging. Journal of Computer Assisted Tomography, 2013, 37, 395-401.	0.9	6
158	Hidden Danger Behind the Prolapse. Circulation: Cardiovascular Imaging, 2019, 12, e009639.	2.6	6
159	Aortic valve area calculation using 3D transesophageal echocardiography: Implications for aortic stenosis severity grading. Echocardiography, 2020, 37, 2071-2081.	0.9	6
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