

# Hildo J Lamb

## List of Publications by Year in descending order

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313  
papers

16,061  
citations

15504

65  
h-index

19749

117  
g-index

327  
all docs

327  
docs citations

327  
times ranked

13415  
citing authors

#	ARTICLE	IF	CITATIONS
1	Consensus-Based Technical Recommendations for Clinical Translation of Renal Phase Contrast MRI. Journal of Magnetic Resonance Imaging, 2022, 55, 323-335.	3.4	22
2	Estimated pulse wave velocity (ePWV) as a potential gatekeeper for MRI-assessed PWV: a linear and deep neural network based approach in 2254 participants of the Netherlands Epidemiology of Obesity study. International Journal of Cardiovascular Imaging, 2022, 38, 183-193.	1.5	8
3	Extracardiac conduit adequacy along the respiratory cycle in adolescent Fontan patients. European Journal of Cardio-thoracic Surgery, 2022, 62, .	1.4	7
4	Repeatability and reproducibility of deep-learning-based liver volume and Couinaud segment volume measurement tool. Abdominal Radiology, 2022, 47, 143-151.	2.1	14
5	Illness perceptions and health-related quality of life in individuals with overweight and obesity. International Journal of Obesity, 2022, 46, 417-426.	3.4	3
6	Nonsustained Ventricular Tachycardia Is Independently Associated With Sustained Ventricular Arrhythmias in Nonischemic Dilated Cardiomyopathy. Circulation: Arrhythmia and Electrophysiology, 2022, 15, CIRCEP121009979.	4.8	7
7	Use of personal protective equipment by European Radiologists during the COVID-19 pandemic, a survey of the European Union of Medical Specialists (UEMS). Insights Into Imaging, 2022, 13, 20.	3.4	1
8	Evaluation of the Value of Waist Circumference and Metabolomics in the Estimation of Visceral Adipose Tissue. American Journal of Epidemiology, 2022, , .	3.4	7
9	4D flow cardiovascular magnetic resonance derived energetics in the Fontan circulation correlate with exercise capacity and CMR-derived liver fibrosis/congestion. Journal of Cardiovascular Magnetic Resonance, 2022, 24, 21.	3.3	14
10	Echo planar imaging-induced errors in intracardiac 4D flow MRI quantification. Magnetic Resonance in Medicine, 2022, 87, 2398-2411.	3.0	11
11	4D Flow MRI in Ascending Aortic Aneurysms: Reproducibility of Hemodynamic Parameters. Applied Sciences (Switzerland), 2022, 12, 3912.	2.5	1
12	Confirmatory factor analysis including MRI-derived adipose tissues quantification improves associations of metabolic dysregulation to diastolic dysfunction. Journal of Diabetes and Its Complications, 2022, 36, 108202.	2.3	1
13	Reproducibility of Aorta Segmentation on 4D Flow MRI in Healthy Volunteers. Journal of Magnetic Resonance Imaging, 2021, 53, 1268-1279.	3.4	22
14	Multiparametric MRI in Patients With Nonalcoholic Fatty Liver Disease. Journal of Magnetic Resonance Imaging, 2021, 53, 1623-1631.	3.4	37
15	Response to letter: Multiparametric magnetic resonance imaging in patients with nonalcoholic fatty liver disease. Journal of Magnetic Resonance Imaging, 2021, 53, 1941-1941.	3.4	0
16	Associations between left ventricular function, vascular function and measures of cerebral small vessel disease: a cross-sectional magnetic resonance imaging study of the UK Biobank. European Radiology, 2021, 31, 5068-5076.	4.5	4
17	Quantification of Myocardial Creatine and Triglyceride Content in the Human Heart: Precision and Accuracy of in vivo Proton Magnetic Resonance Spectroscopy. Journal of Magnetic Resonance Imaging, 2021, 54, 411-420.	3.4	9
18	The Clinical Spectrum of Kommerell's Diverticulum in Adults with a Right-Sided Aortic Arch: A Case Series and Literature Overview. Journal of Cardiovascular Development and Disease, 2021, 8, 25.	1.6	10

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19	Identification of cardiovascular abnormalities by multiparametric magnetic resonance imaging in end-stage renal disease patients with preserved left ventricular ejection fraction. <i>European Radiology</i> , 2021, 31, 7098-7109.	4.5	5
20	Multicenter Consistency Assessment of Valvular Flow Quantification With Automated Valve Tracking in 4D Flow CMR. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 1354-1366.	5.3	21
21	Characterization of Ascending Aortic Flow in Patients With Degenerative Aneurysms. <i>Investigative Radiology</i> , 2021, Publish Ahead of Print, 494-500.	6.2	11
22	Reduced scan time and superior image quality with 3D flow MRI compared to 4D flow MRI for hemodynamic evaluation of the Fontan pathway. <i>Scientific Reports</i> , 2021, 11, 6507.	3.3	7
23	Non-uniform mixing of hepatic venous flow and inferior vena cava flow in the Fontan conduit. <i>Journal of the Royal Society Interface</i> , 2021, 18, 20201027.	3.4	6
24	Normal and reference values for cardiovascular magnetic resonance-based pulse wave velocity in the middle-aged general population. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2021, 23, 46.	3.3	15
25	Hemodynamic interplay of vorticity, viscous energy loss, and kinetic energy from 4D Flow MRI and link to cardiac function in healthy subjects and Fontan patients. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021, 320, H1687-H1698.	3.2	6
26	Objectively Measured Physical Activity and Body Fatness: Associations with Total Body Fat, Visceral Fat, and Liver Fat. <i>Medicine and Science in Sports and Exercise</i> , 2021, 53, 2309-2317.	0.4	11
27	Effectiveness of a multidisciplinary clinical pathway for women with systemic lupus erythematosus and/or antiphospholipid syndrome. <i>Lupus Science and Medicine</i> , 2021, 8, e000472.	2.7	6
28	The effect of physical activity level and exercise training on the association between plasma branched-chain amino acids and intrahepatic lipid content in participants with obesity. <i>International Journal of Obesity</i> , 2021, 45, 1510-1520.	3.4	10
29	Geometrically induced wall shear stress variability in CFD-MRI coupled simulations of blood flow in the thoracic aortas. <i>Computers in Biology and Medicine</i> , 2021, 133, 104385.	7.0	28
30	Computed Tomography Derived Coronary Triangulated Orifice Area—Deduction of a New Parameter for Follow-up After Surgical Correction of Anomalous Aortic Origin of Coronary Arteries and Call for Validation. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 668503.	2.4	1
31	Imaging of Congenital Heart Disease: Expect the Unexpected. <i>Radiology</i> , 2021, 300, 174-175.	7.3	0
32	Cardiorenal Syndrome: Emerging Role of Medical Imaging for Clinical Diagnosis and Management. <i>Journal of Personalized Medicine</i> , 2021, 11, 734.	2.5	8
33	Association of measures of body fat with serum alpha-tocopherol and its metabolites in middle-aged individuals. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2021, 31, 2407-2415.	2.6	2
34	Assessment of turbulent blood flow and wall shear stress in aortic coarctation using image-based simulations. <i>BioMedical Engineering OnLine</i> , 2021, 20, 84.	2.7	16
35	The Influence of Respiration on Blood Flow in the Fontan Circulation: Insights for Imaging-Based Clinical Evaluation of the Total Cavopulmonary Connection. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 683849.	2.4	14
36	Segmental assessment of blood flow efficiency in the total cavopulmonary connection using four-dimensional flow magnetic resonance imaging: vortical flow is associated with increased viscous energy loss rate. <i>European Heart Journal Open</i> , 2021, 1, .	2.3	10

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37	4D flow MRI of type B dissection with later retrograde progression to type A dissection in Marfan: a case report. <i>European Heart Journal - Case Reports</i> , 2021, 5, ytab288.	0.6	1
38	Mendelian randomization study of the relation between adiponectin and heart function, unravelling the paradox. <i>Peptides</i> , 2021, 146, 170664.	2.4	7
39	Renal sinus fat volume in type 2 diabetes mellitus is associated with glycated hemoglobin and metabolic risk factors. <i>Journal of Diabetes and Its Complications</i> , 2021, 35, 107973.	2.3	16
40	19F-nanoparticles: Platform for in vivo delivery of fluorinated biomaterials for 19F-MRI. <i>Journal of Controlled Release</i> , 2021, 338, 870-889.	9.9	12
41	The Effect of Glycemic Control on Renal Triglyceride Content Assessed by Proton Spectroscopy in Patients With Type 2 Diabetes Mellitus: A Single-Center Parallel-Group Trial. , 2021, 31, 611-619.		8
42	COVID-19 associated perimyocarditis. <i>Magnetic Resonance Imaging</i> , 2021, 84, 132-134.	1.8	1
43	Wall shear stress in the thoracic aorta at rest and with dobutamine stress after arterial switch operation. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 59, 814-822.	1.4	2
44	Mediation of the association between obesity and osteoarthritis by blood pressure, vessel wall stiffness and subclinical atherosclerosis. <i>Rheumatology</i> , 2021, 60, 3268-3277.	1.9	4
45	Altered Ascending Aorta Hemodynamics in Patients After Arterial Switch Operation for Transposition of the Great Arteries. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 51, 1105-1116.	3.4	7
46	Adherence to dietary guidelines in relation to visceral fat and liver fat in middle-aged men and women: the NEO study. <i>International Journal of Obesity</i> , 2020, 44, 297-306.	3.4	4
47	The impact of visceral and general obesity on vascular and left ventricular function and geometry: a cross-sectional magnetic resonance imaging study of the UK Biobank. <i>European Heart Journal Cardiovascular Imaging</i> , 2020, 21, 273-281.	1.2	22
48	Liraglutide decreases energy expenditure and does not affect the fat fraction of supraclavicular brown adipose tissue in patients with type 2 diabetes. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2020, 30, 616-624.	2.6	16
49	Lifetime Transfusion Burden and Transfusion-Related Iron Overload in Adult Survivors of Solid Malignancies. <i>Oncologist</i> , 2020, 25, e341-e350.	3.7	5
50	Consensus-based technical recommendations for clinical translation of renal T1 and T2 mapping MRI. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2020, 33, 163-176.	2.0	52
51	Effect of Liraglutide on Cardiovascular Function and Myocardial Tissue Characteristics in Type 2 Diabetes Patients of South Asian Descent Living in the Netherlands: A Double-Blind, Randomized, Placebo-Controlled Trial. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 51, 1679-1688.	3.4	25
52	The role of insulin resistance in the relation of visceral, abdominal subcutaneous and total body fat to cardiovascular function. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2020, 30, 2230-2241.	2.6	2
53	ASSOCIATIONS OF VASCULAR AND LEFT VENTRICULAR FUNCTION WITH BRAIN VOLUMES AND WHITE MATTER HYPERINTENSITIES: A CROSS-SECTIONAL MAGNETIC RESONANCE IMAGING STUDY OF THE UK BIOBANK. <i>Journal of the American College of Cardiology</i> , 2020, 75, 1549.	2.8	0
54	Association Between Hepatic Triglyceride Content and Coagulation Factors. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, 3004-3014.	2.4	3

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55	Exploring the Interaction between Liver and Heart Disease. <i>Radiology</i> , 2020, 297, 62-63.	7.3	1
56	Editorial for "Evaluation of Cardiac Shunts With 4D Flow Cardiac Magnetic Resonance: Intra- and Interobserver Variability". <i>Journal of Magnetic Resonance Imaging</i> , 2020, 52, 1064-1065.	3.4	0
57	How to Measure the Aorta Using MRI: A Practical Guide. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 52, 971-977.	3.4	17
58	T1 mapping performance and measurement repeatability: results from the multi-national T1 mapping standardization phantom program (TIMES). <i>Journal of Cardiovascular Magnetic Resonance</i> , 2020, 22, 31.	3.3	23
59	The role of C-reactive protein, adiponectin and leptin in the association between abdominal adiposity and insulin resistance in middle-aged individuals. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2020, 30, 1306-1314.	2.6	8
60	Fasting in diabetes treatment (FIT) trial: study protocol for a randomised, controlled, assessor-blinded intervention trial on the effects of intermittent use of a fasting-mimicking diet in patients with type 2 diabetes. <i>BMC Endocrine Disorders</i> , 2020, 20, 94.	2.2	9
61	Novel artificial neural network and linear regression based equation for estimating visceral adipose tissue volume. <i>Clinical Nutrition</i> , 2020, 39, 3182-3188.	5.0	9
62	The Separate Contributions of Visceral Fat and Liver Fat to Chronic Kidney Disease-Related Renal Outcomes. , 2020, 30, 286-295.		6
63	The Effect of Multi-Parametric Magnetic Resonance Imaging in Standard of Care for Nonalcoholic Fatty Liver Disease: Protocol for a Randomized Control Trial. <i>JMIR Research Protocols</i> , 2020, 9, e19189.	1.0	5
64	Study design of the Fasting In diabetes Treatment (FIT) trial: a randomised, controlled, assessor blinded intervention trial which examines the effect of intermittent use of a fasting mimicking diet in patients with type 2 diabetes. <i>British Journal of General Practice</i> , 2020, 70, bjgp20X711173.	1.4	1
65	Adult weight change in relation to visceral fat and liver fat at middle age: The Netherlands epidemiology of obesity study. <i>International Journal of Obesity</i> , 2019, 43, 790-799.	3.4	11
66	The effects of age at correction of aortic coarctation and recurrent obstruction on adolescent patients: MRI evaluation of wall shear stress and pulse wave velocity. <i>European Radiology Experimental</i> , 2019, 3, 24.	3.4	5
67	A double-blind, placebo-controlled, randomised trial to assess the effect of liraglutide on ectopic fat accumulation in South Asian type 2 diabetes patients. <i>Cardiovascular Diabetology</i> , 2019, 18, 87.	6.8	44
68	Predictive imaging for thoracic aortic dissection and rupture: moving beyond diameters. <i>European Radiology</i> , 2019, 29, 6396-6404.	4.5	49
69	Hepatic triglyceride content does not affect circulating CETP: lessons from a liraglutide intervention trial and a population-based cohort. <i>Scientific Reports</i> , 2019, 9, 9996.	3.3	5
70	Stress increases intracardiac 4D flow cardiovascular magnetic resonance -derived energetics and vorticity and relates to VO2max in Fontan patients. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2019, 21, 43.	3.3	18
71	Electrocardiographic Detection of Left Ventricular Hypertrophy; Adding Body Mass Index and Spatial QRS-T Angle: A Cross-Sectional Study. <i>Cardiology and Therapy</i> , 2019, 8, 345-356.	2.6	7
72	Phenotyping diabetic cardiomyopathy in Europeans and South Asians. <i>Cardiovascular Diabetology</i> , 2019, 18, 133.	6.8	22

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73	Abdominal visceral adipose tissue is associated with unsuspected pulmonary embolism on routine CT scans in patients with gastrointestinal cancer. <i>British Journal of Radiology</i> , 2019, 92, 20190526.	2.2	2
74	New Adjusted Cutoffs for “Normal” Endocardial Voltages in Patients With Post-Infarct LV Remodeling. <i>JACC: Clinical Electrophysiology</i> , 2019, 5, 1115-1126.	3.2	10
75	The Association between Adult Weight Gain and Insulin Resistance at Middle Age: Mediation by Visceral Fat and Liver Fat. <i>Journal of Clinical Medicine</i> , 2019, 8, 1559.	2.4	16
76	Metabolomics: a search for biomarkers of visceral fat and liver fat content. <i>Metabolomics</i> , 2019, 15, 139.	3.0	23
77	Sweet Snacks Are Positively and Fruits and Vegetables Are Negatively Associated with Visceral or Liver Fat Content in Middle-Aged Men and Women. <i>Journal of Nutrition</i> , 2019, 149, 304-313.	2.9	14
78	Late effects of pediatric hematopoietic stem cell transplantation on left ventricular function, aortic stiffness and myocardial tissue characteristics. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2019, 21, 6.	3.3	7
79	Association of cardiovascular magnetic resonance-derived circumferential strain parameters with the risk of ventricular arrhythmia and all-cause mortality in patients with prior myocardial infarction and primary prevention implantable cardioverter defibrillator. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2019, 21, 28.	3.3	9
80	Primary Osteosarcoma of the Breast. <i>Radiographics</i> , 2019, 39, 626-629.	3.3	14
81	Obesity, Brain Volume, and White Matter Microstructure at MRI: A Cross-sectional UK Biobank Study. <i>Radiology</i> , 2019, 291, 763-771.	7.3	129
82	Fatty acid binding protein 4 (FABP4) as a potential biomarker reflecting myocardial lipid storage in type 2 diabetes. <i>Metabolism: Clinical and Experimental</i> , 2019, 96, 12-21.	3.4	35
83	Metabolomics Profiling of Visceral Adipose Tissue: Results From MESA and the NEO Study. <i>Journal of the American Heart Association</i> , 2019, 8, e010810.	3.7	24
84	Entropy as a Novel Measure of Myocardial Tissue Heterogeneity for Prediction of Ventricular Arrhythmias and Mortality in Post-Infarct Patients. <i>JACC: Clinical Electrophysiology</i> , 2019, 5, 480-489.	3.2	40
85	Consumption of Alcoholic and Sugar-Sweetened Beverages is Associated with Increased Liver Fat Content in Middle-Aged Men and Women. <i>Journal of Nutrition</i> , 2019, 149, 649-658.	2.9	10
86	Can We Convert a Comfort Blanket to an MRI Coil?. <i>Radiology</i> , 2019, 291, 186-187.	7.3	1
87	Reproducibility of native T <sub>1</sub> mapping for renal tissue characterization at 3T. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, 588-596.	3.4	15
88	Associations of different body fat deposits with serum 25-hydroxyvitamin D concentrations. <i>Clinical Nutrition</i> , 2019, 38, 2851-2857.	5.0	14
89	Automated Cardiac Valve Tracking for Flow Quantification with Four-dimensional Flow MRI. <i>Radiology</i> , 2019, 290, 70-78.	7.3	43
90	Deep Learning-based Method for Fully Automatic Quantification of Left Ventricle Function from Cine MR Images: A Multivendor, Multicenter Study. <i>Radiology</i> , 2019, 290, 81-88.	7.3	152

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91	<sup>1</sup> <sup>1</sup> MRS for the assessment of renal triglyceride content in humans at 3T: A primer and reproducibility study. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 48, 507-513.	3.4	15
92	High spatial resolution free-breathing 3D late gadolinium enhancement cardiac magnetic resonance imaging in ischaemic and non-ischaemic cardiomyopathy: quantitative assessment of scar mass and image quality. <i>European Radiology</i> , 2018, 28, 4027-4035.	4.5	21
93	Metabolic imaging of fatty kidney in diabetes: validation and dietary intervention. <i>Nephrology Dialysis Transplantation</i> , 2018, 33, 224-230.	0.7	21
94	Associations of Abdominal Subcutaneous and Visceral Fat with Insulin Resistance and Secretion Differ Between Men and Women: The Netherlands Epidemiology of Obesity Study. <i>Metabolic Syndrome and Related Disorders</i> , 2018, 16, 54-63.	1.3	82
95	Caloric restriction lowers endocannabinoid tonus and improves cardiac function in type 2 diabetes. <i>Nutrition and Diabetes</i> , 2018, 8, 6.	3.2	26
96	Relation of Overall and Abdominal Adiposity With Electrocardiogram Parameters of Subclinical Cardiovascular Disease in Individuals Aged 45 to 65 Years (from the Netherlands Epidemiology of) Tj ETQq0 0 0 rgBILd Overlock 10 Tf 50		
97	Associations between normal range albuminuria, renal function and cardiovascular function in a population-based imaging study. <i>Atherosclerosis</i> , 2018, 272, 94-100.	0.8	4
98	Cardiac metabolic imaging: current imaging modalities and future perspectives. <i>Journal of Applied Physiology</i> , 2018, 124, 168-181.	2.5	8
99	Incidental findings in research: A focus group study about the perspective of the research participant. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 47, 230-237.	3.4	15
100	Robust motion correction for myocardial T <sub>1</sub> and extracellular volume mapping by principle component analysis-based groupwise image registration. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 47, 1397-1405.	3.4	18
101	Habitual Sleep Measures are Associated with Overall Body Fat, and not Specifically with Visceral Fat, in Men and Women. <i>Obesity</i> , 2018, 26, 1651-1658.	3.0	11
102	Sex differences in body fat distribution are related to sex differences in serum leptin and adiponectin. <i>Peptides</i> , 2018, 107, 25-31.	2.4	65
103	Clinical application and technical considerations of <i>T<sub>1</sub></i> & <i>T<sub>2</sub></i> (*) mapping in cardiac, liver, and renal imaging. <i>British Journal of Radiology</i> , 2018, 91, 20170825.	2.2	25
104	Combined brain and heart magnetic resonance imaging in systemic vasculitides: fiction or real need?. <i>Clinical and Experimental Rheumatology</i> , 2018, 36 Suppl 111, 152-159.	0.8	4
105	When should we use contrast material in cardiac MRI?. <i>Journal of Magnetic Resonance Imaging</i> , 2017, 46, 1551-1572.	3.4	9
106	Is Hepatic Triglyceride Content Associated with Aortic Pulse Wave Velocity and Carotid Intima-Media Thickness? The Netherlands Epidemiology of Obesity Study. <i>Radiology</i> , 2017, 285, 73-82.	7.3	3
107	Metabolic syndrome is associated with electrocardiographic markers of subclinical cardiovascular disease. <i>Atherosclerosis</i> , 2017, 263, e92.	0.8	0
108	Body fat distribution, in particular visceral fat, is associated with cardiometabolic risk factors in women with obesity. <i>Atherosclerosis</i> , 2017, 263, e175.	0.8	4

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109	Association of metabolic syndrome and electrocardiographic markers of subclinical cardiovascular disease. <i>Diabetology and Metabolic Syndrome</i> , 2017, 9, 40.	2.7	13
110	Body fat distribution, in particular visceral fat, is associated with cardiometabolic risk factors in obese women. <i>PLoS ONE</i> , 2017, 12, e0185403.	2.5	107
111	Improved Cardiac Proton Magnetic Resonance Spectroscopy at 3 T Using High Permittivity Pads. <i>Investigative Radiology</i> , 2016, 51, 134-138.	6.2	13
112	Circulating Long Noncoding RNAs in Personalized Medicine. <i>Journal of the American College of Cardiology</i> , 2016, 68, 2914-2916.	2.8	22
113	Parameter optimization for reproducible cardiac <sup>1</sup> H-MR spectroscopy at 3 Tesla. <i>Journal of Magnetic Resonance Imaging</i> , 2016, 44, 1151-1158.	3.4	21
114	Association between Hepatic Triglyceride Content and Left Ventricular Diastolic Function in a Population-based Cohort: The Netherlands Epidemiology of Obesity Study. <i>Radiology</i> , 2016, 279, 443-450.	7.3	15
115	Serum CETP concentration is not associated with measures of body fat: The NEO study. <i>Atherosclerosis</i> , 2016, 246, 267-273.	0.8	9
116	Rationale, Design, and Methodological Aspects of the BUDAPEST GLOBAL Study (Burden of Tj ETQq0 0 0 rgBT /Overlock Clinical Cardiology, 2015, 38, 699-707.	1.8	18
117	Visceral adipose tissue is associated with microstructural brain tissue damage. <i>Obesity</i> , 2015, 23, 1092-1096.	3.0	26
118	Automated left ventricle segmentation in late gadolinium-enhanced MRI for objective myocardial scar assessment. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 42, 390-399.	3.4	33
119	Super-resolution reconstruction of late gadolinium-enhanced MRI for improved myocardial scar assessment. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 42, 160-167.	3.4	14
120	SP113IMAGING FATTY KIDNEY USING PROTON MR SPECTROSCOPY: VALIDATION BY PORCINE KIDNEY BIOPSIES. <i>Nephrology Dialysis Transplantation</i> , 2015, 30, iii414-iii414.	0.7	1
121	Middle-aged overweight South Asian men exhibit a different metabolic adaptation to short-term energy restriction compared with Europeans. <i>Diabetologia</i> , 2015, 58, 165-177.	6.3	4
122	Individual contributions of visceral fat and total body fat to subclinical atherosclerosis: The NEO study. <i>Atherosclerosis</i> , 2015, 241, 547-554.	0.8	41
123	Preprocedural magnetic resonance imaging for image-guided catheter ablation of scar-related ventricular tachycardia. <i>International Journal of Cardiovascular Imaging</i> , 2015, 31, 369-377.	1.5	12
124	Free-breathing 3D phase-sensitive inversion recovery late gadolinium enhancement at 3.0 Tesla: reliability and image quality in ischemic and non-ischemic cardiomyopathy in comparison with multiple breath-hold 3D imaging. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2015, 17, P97.	3.3	1
125	Very-Low-Calorie Diet Increases Myocardial Triglyceride Content and Decreases Diastolic Left Ventricular Function in Type 2 Diabetes With Cardiac Complications. <i>Diabetes Care</i> , 2014, 37, e1-e2.	8.6	14
126	Pulse wave velocity and flow in the carotid artery versus the aortic arch: Effects of aging. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 40, 287-293.	3.4	28



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127	Effects of bariatric surgery on pericardial ectopic fat depositions and cardiovascular function. <i>Clinical Endocrinology</i> , 2014, 81, 689-695.	2.4	37
128	Short-term effects of a standardized glucose load on region-specific aortic pulse wave velocity assessed by MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 39, 717-721.	3.4	1
129	Computed Tomography Evaluation of Cardiac Structure and Function. <i>Journal of Thoracic Imaging</i> , 2014, 29, 173-184.	1.5	7
130	A 5-Day High-Fat, High-Calorie Diet Impairs Insulin Sensitivity in Healthy, Young South Asian Men but Not in Caucasian Men. <i>Diabetes</i> , 2014, 63, 248-258.	0.6	59
131	High Spatial Resolution Coronary Magnetic Resonance Angiography at 7 T. <i>Investigative Radiology</i> , 2014, 49, 326-330.	6.2	10
132	Fatty kidney: emerging role of ectopic lipid in obesity-related renal disease. <i>Lancet Diabetes and Endocrinology</i> , 2014, 2, 417-426.	11.4	355
133	Abdominal visceral and subcutaneous fat increase, insulin resistance and hyperlipidemia in testicular cancer patients treated with cisplatin-based chemotherapy. <i>Acta Oncologica</i> , 2014, 53, 351-360.	1.8	32
134	Body fat, especially visceral fat, is associated with electrocardiographic measures of sympathetic activation. <i>Obesity</i> , 2014, 22, 1553-1559.	3.0	28
135	Coupling of vessel wall morphology and function in the aorta and the carotid artery: an evaluation with MRI. <i>International Journal of Cardiovascular Imaging</i> , 2014, 30, 91-98.	1.5	5
136	Sustained cardiac remodeling after a short-term very low calorie diet in type 2 diabetes mellitus patients. <i>International Journal of Cardiovascular Imaging</i> , 2014, 30, 121-127.	1.5	10
137	Myocardial scar identification based on analysis of Look-Locker and 3D late gadolinium enhanced MRI. <i>International Journal of Cardiovascular Imaging</i> , 2014, 30, 925-34.	1.5	2
138	Metabolic imaging of the human heart: clinical application of magnetic resonance spectroscopy. <i>Heart</i> , 2014, 100, 881-890.	2.9	29
139	Aortic stiffness is related to left ventricular diastolic function in patients with diabetes mellitus type 1: assessment with MRI and speckle tracking strain analysis. <i>International Journal of Cardiovascular Imaging</i> , 2013, 29, 633-641.	1.5	18
140	Activin a is associated with impaired myocardial glucose metabolism and left ventricular remodeling in patients with uncomplicated type 2 diabetes. <i>Cardiovascular Diabetology</i> , 2013, 12, 150.	6.8	32
141	MRI-assessed regional pulse wave velocity for predicting absence of regional aorta luminal growth in marfan syndrome. <i>International Journal of Cardiology</i> , 2013, 167, 2977-2982.	1.7	41
142	Right Ventricular Involvement in Diabetic Cardiomyopathy. <i>Diabetes Care</i> , 2013, 36, 457-462.	8.6	51
143	Functional and Metabolic Imaging of the Cardiovascular System in Young Healthy South Asians and Caucasians Unveils Early Differences. <i>Diabetes Care</i> , 2013, 36, e178-e179.	8.6	3
144	Exercise and Type 2 Diabetes Mellitus: Changes in Tissue-specific Fat Distribution and Cardiac Function. <i>Radiology</i> , 2013, 269, 434-442.	7.3	47

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145	Dietary modulation of plasma angiotensin-like protein 4 concentrations in healthy volunteers and in patients with type 2 diabetes. <i>American Journal of Clinical Nutrition</i> , 2013, 97, 255-260.	4.7	45
146	Site-Specific Coupling Between Vascular Wall Thickness and Function. <i>Investigative Radiology</i> , 2013, 48, 86-91.	6.2	15
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