

Eylem Levelt

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

1,351
citations

516710

16
h-index

361022

35
g-index

56
all docs

56
docs citations

56
times ranked

2291
citing authors

#	ARTICLE	IF	CITATIONS
1	Relationship Between Left Ventricular Structural and Metabolic Remodeling in Type 2 Diabetes. <i>Diabetes</i> , 2016, 65, 44-52.	0.6	177
2	Ectopic and Visceral Fat Deposition in Lean and Obese Patients With Type 2 Diabetes. <i>Journal of the American College of Cardiology</i> , 2016, 68, 53-63.	2.8	165
3	Cardiac energetics, oxygenation, and perfusion during increased workload in patients with type 2 diabetes mellitus. <i>European Heart Journal</i> , 2016, 37, 3461-3469.	2.2	124
4	Metabolic remodelling in diabetic cardiomyopathy. <i>Cardiovascular Research</i> , 2017, 113, 422-430.	3.8	104
5	Adenosine stress native T1 mapping in severe aortic stenosis: evidence for a role of the intravascular compartment on myocardial T1 values. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2014, 16, 92.	3.3	94
6	Splenic T1-mapping: a novel quantitative method for assessing adenosine stress adequacy for cardiovascular magnetic resonance. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 19, 1.	3.3	81
7	Lone Atrial Fibrillation Is Associated With Impaired Left Ventricular Energetics That Persists Despite Successful Catheter Ablation. <i>Circulation</i> , 2016, 134, 1068-1081.	1.6	70
8	Adenosine stress CMR T1-mapping detects early microvascular dysfunction in patients with type 2 diabetes mellitus without obstructive coronary artery disease. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2016, 19, 81.	3.3	57
9	Diabetic cardiomyopathy: Pathophysiology, theories and evidence to date. <i>World Journal of Diabetes</i> , 2019, 10, 490-510.	3.5	56
10	MECHANISMS IN ENDOCRINOLOGY: Diabetic cardiomyopathy: pathophysiology and potential metabolic interventions state of the art review. <i>European Journal of Endocrinology</i> , 2018, 178, R127-R139.	3.7	52
11	The interplay between metabolic alterations, diastolic strain rate and exercise capacity in mild heart failure with preserved ejection fraction: a cardiovascular magnetic resonance study. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2018, 20, 88.	3.3	51
12	Relation of Aortic Stiffness to Left Ventricular Remodeling in Younger Adults With Type 2 Diabetes. <i>Diabetes</i> , 2018, 67, 1395-1400.	0.6	36
13	Empagliflozin Treatment Is Associated With Improvements in Cardiac Energetics and Function and Reductions in Myocardial Cellular Volume in Patients With Type 2 Diabetes. <i>Diabetes</i> , 2021, 70, 2810-2822.	0.6	36
14	Dilated Cardiomyopathy: Phosphorus 31 MR Spectroscopy at 7 T. <i>Radiology</i> , 2016, 281, 409-417.	7.3	31
15	Predicting myocardial infarction through retinal scans and minimal personal information. <i>Nature Machine Intelligence</i> , 2022, 4, 55-61.	16.0	30
16	Regression of Left Ventricular Mass in Athletes Undergoing Complete Detraining Is Mediated by Decrease in Intracellular but Not Extracellular Compartments. <i>Circulation: Cardiovascular Imaging</i> , 2019, 12, e009417.	2.6	18
17	Rapid Cardiovascular Magnetic Resonance for Ischemic Heart Disease Investigation (RAPID-IHD). <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 1632-1634.	5.3	16
18	Multimodality imaging approach to left ventricular dysfunction in diabetes: an expert consensus document from the European Association of Cardiovascular Imaging. <i>European Heart Journal Cardiovascular Imaging</i> , 2022, 23, e62-e84.	1.2	16

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19	Rationale, design and study protocol of the randomised controlled trial: Diabetes Interventional Assessment of Slimming or Training to Lessen Inconspicuous Cardiovascular Dysfunction (the Tj ETQq1 1 0.784314rgBT /Overlock 10	14.9	10
20	Acute Microstructural Changes after ST-Segment Elevation Myocardial Infarction Assessed with Diffusion Tensor Imaging. <i>Radiology</i> , 2021, 299, 86-96.	7.3	13
21	Unique Transcriptome Signature Distinguishes Patients With Heart Failure With Myopathy. <i>Journal of the American Heart Association</i> , 2020, 9, e017091.	3.7	11
22	A comparison of standard and high dose adenosine protocols in routine vasodilator stress cardiovascular magnetic resonance: dosage affects hyperaemic myocardial blood flow in patients with severe left ventricular systolic impairment. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2021, 23, 37.	3.3	11
23	Clinical Translation of Three-Dimensional Scar, Diffusion Tensor Imaging, Four-Dimensional Flow, and Quantitative Perfusion in Cardiac MRI: A Comprehensive Review. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 682027.	2.4	11
24	Does stress perfusion imaging improve the diagnostic accuracy of late gadolinium enhanced cardiac magnetic resonance for establishing the etiology of heart failure?. <i>BMC Cardiovascular Disorders</i> , 2017, 17, 98.	1.7	8
25	Myocardial inflammation and energetics by cardiac MRI: a review of emerging techniques. <i>BMC Medical Imaging</i> , 2021, 21, 164.	2.7	8
26	Feasibility and validation of trans-valvular flow derived by four-dimensional flow cardiovascular magnetic resonance imaging in patients with atrial fibrillation. <i>Wellcome Open Research</i> , 2021, 6, 73.	1.8	7
27	Coronary microvascular function and visceral adiposity in patients with normal body weight and type 2 diabetes. <i>Obesity</i> , 2022, 30, 1079-1090.	3.0	7
28	Male sex adversely affects the phenotypic expression of diabetic heart disease. <i>Therapeutic Advances in Endocrinology and Metabolism</i> , 2020, 11, 204201882092717.	3.2	6
29	Exercise cardiovascular magnetic resonance: feasibility and development of biventricular function and great vessel flow assessment, during continuous exercise accelerated by Compressed SENSE: preliminary results in healthy volunteers. <i>International Journal of Cardiovascular Imaging</i> , 2021, 37, 685-698.	1.5	6
30	Feasibility and validation of trans-valvular flow derived by four-dimensional flow cardiovascular magnetic resonance imaging in patients with atrial fibrillation. <i>Wellcome Open Research</i> , 2021, 6, 73.	1.8	5
31	Prospective Longitudinal Characterization of the Relationship between Diabetes and Cardiac Structural and Functional Changes. <i>Cardiology Research and Practice</i> , 2022, 2022, 1-12.	1.1	4
32	Coexistent Diabetes Is Associated With the Presence of Adverse Phenotypic Features in Patients With Hypertrophic Cardiomyopathy. <i>Diabetes Care</i> , 0, , .	8.6	4
33	Detrimental Immediate- and Medium-Term Clinical Effects of Right Ventricular Pacing in Patients With Myocardial Fibrosis. <i>Circulation: Cardiovascular Imaging</i> , 2021, 14, e012256.	2.6	3
34	Integrated Care Pathway for Acute Coronary Syndromes: Does It Help?. <i>Journal of Integrated Care Pathways</i> , 2008, 12, 5-9.	0.2	2
35	A 30-Year-Old Man With Primary Cardiac Angiosarcoma. <i>JACC: Case Reports</i> , 2021, 3, 944-949.	0.6	2
36	Multiple Etiologies to Myocardial Injury in COVID-19. <i>JACC: Case Reports</i> , 2021, 3, 971-972.	0.6	2

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37	A comparison of liver fat fraction measurement on MRI at 3T and 1.5T. PLoS ONE, 2021, 16, e0252928.	2.5	2
38	Reply. Journal of the American College of Cardiology, 2016, 68, 2595.	2.8	1
39	Rare finding in Takayasu arteritis. European Heart Journal Cardiovascular Imaging, 2017, 18, 1292-1292.	1.2	1
40	Effects of Vildagliptin on Ventricular Function in Patients With Type 2 Diabetes Mellitus and Heart Failure. JACC: Heart Failure, 2018, 6, 443-444.	4.1	1
41	Rationale and design of the randomised controlled cross-over trial: Cardiovascular effects of empaglifozin in diabetes mellitus. Diabetes and Vascular Disease Research, 2021, 18, 147916412110215.	2.0	1
42	Diabetes mellitus and the causes of hospitalisation in people with heart failure. Diabetes and Vascular Disease Research, 2022, 19, 147916412110739.	2.0	1
43	A Woman in Her Late 50s With Palpitations and Light-headedness. JAMA Cardiology, 2018, 3, 262.	6.1	0
44	Global microvascular ischaemia following Takotsubo cardiomyopathy with left ventricular function recovery. European Heart Journal - Case Reports, 2021, 5, ytab093.	0.6	0
45	125â€¦Cardiac metabolic flexibility and myocardial substrate utilisation in response to pharmacological stress in type 2 diabetes. , 2021, , .		0
46	19â€¦Prospective longitudinal characterization of the relationship between diabetes and cardiac structural and functional changes. , 2021, , .		0
47	154â€¦Empaglifozin on cardiac energetics and function. , 2021, , .		0
48	15â€¦Biventricular assessment and quantification of primary mitral regurgitation is feasible and reproducible during continuous supine exercise cardiovascular magnetic resonance. , 2021, , .		0
49	10â€¦Primary mitral regurgitation successfully treated by percutaneous mitral valve leaflet repair results in positive cardiac reverse remodelling and functional improvement. , 2021, , .		0
50	Abstract 12183: Strain Dispersion is an Early Subclinical Manifestation of Diabetic Cardiomyopathy Assessed by 3D Echocardiography. Circulation, 2014, 130, .	1.6	0
51	Abstract 15822: Phosphorus Magnetic Resonance Spectroscopy is More Precise at 7 Tesla Field Strength Than 3 Tesla in Patients With Dilated Cardiomyopathy. Circulation, 2015, 132, .	1.6	0
52	Abstract 13435: Deranged Intra-Cardiac Blood Flow Components and Kinetic Energy in Dilated Cardiomyopathy Are an Additional Marker of Disease Severity and Correlate With Established Markers of Prognosis. Circulation, 2015, 132, .	1.6	0
53	14â€¦The presence of diabetes as a comorbidity adversely affects the phenotypic expression of hypertrophic cardiomyopathy. , 2021, , .		0
54	Progressive myocardial dysfunction following COVID-19. BMJ Case Reports, 2021, 14, e246291.	0.5	0