

Bart Mertens

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

1,267
citations

430754

18
h-index

395590

33
g-index

61
all docs

61
docs citations

61
times ranked

2457
citing authors

#	ARTICLE	IF	CITATIONS
1	Left Atrial Size and Function in Hypertrophic Cardiomyopathy Patients and Risk of New-Onset Atrial Fibrillation. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2017, 10, .	2.1	116
2	Association of Left Ventricular Global Longitudinal Strain With Asymptomatic Severe Aortic Stenosis. <i>JAMA Cardiology</i> , 2018, 3, 839.	3.0	114
3	Prognostic Implications of Right Ventricular Remodeling and Function in Patients With Significant Secondary Tricuspid Regurgitation. <i>Circulation</i> , 2019, 140, 836-845.	1.6	99
4	Short-term outpatient follow-up of COVID-19 patients: A multidisciplinary approach. <i>EClinicalMedicine</i> , 2021, 32, 100731.	3.2	78
5	Sex Differences in Phenotypes of Bicuspid Aortic Valve and Aortopathy. <i>Circulation: Cardiovascular Imaging</i> , 2017, 10, .	1.3	63
6	Prognostic Value of Left Ventricular Global Longitudinal Strain in Patients With Secondary Mitral Regurgitation. <i>Journal of the American College of Cardiology</i> , 2020, 75, 750-758.	1.2	63
7	Prognostic implications of global, left ventricular myocardial work efficiency before cardiac resynchronization therapy. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 20, 1388-1394.	0.5	56
8	Mass Spectrometry Proteomic Diagnosis: Enacting the Double Cross-Validatory Paradigm. <i>Journal of Computational Biology</i> , 2006, 13, 1591-1605.	0.8	53
9	Measurement of Right and Left Ventricular Function by ECG-Synchronized CT Scanning in Patients With Acute Pulmonary Embolism. <i>Chest</i> , 2011, 140, 1008-1015.	0.4	50
10	Inter-ethnic differences in valve morphology, valvular dysfunction, and aortopathy between Asian and European patients with bicuspid aortic valve. <i>European Heart Journal</i> , 2018, 39, 1308-1313.	1.0	50
11	Surgical Sutureless and Transcatheter Aortic Valves. <i>JACC: Cardiovascular Interventions</i> , 2015, 8, 670-677.	1.1	38
12	Impact of Clinical Characteristics and Statins on Coronary Plaque Progression by Serial Computed Tomography Angiography. <i>Circulation: Cardiovascular Imaging</i> , 2020, 13, e009750.	1.3	37
13	Coronary anomalies in tetralogy of Fallot " A meta-analysis. <i>International Journal of Cardiology</i> , 2020, 306, 78-85.	0.8	27
14	Effect of ultraviolet light on mood, depressive disorders and well-being. <i>Photodermatology Photoimmunology and Photomedicine</i> , 2018, 34, 288-297.	0.7	25
15	Time course of left ventricular remodelling and mechanics after aortic valve surgery: aortic stenosis vs. aortic regurgitation. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 20, 1105-1111.	0.5	25
16	Incidence and predictors of vasoplegia after heart failure surgery. <i>European Journal of Cardio-thoracic Surgery</i> , 2017, 51, ezw316.	0.6	21
17	Impact of <sc>QRS</sc> complex duration and morphology on left ventricular reverse remodelling and left ventricular function improvement after cardiac resynchronization therapy. <i>European Journal of Heart Failure</i> , 2017, 19, 1145-1151.	2.9	20
18	Using Smart Technology to Improve Outcomes in Myocardial Infarction Patients: Rationale and Design of a Protocol for a Randomized Controlled Trial, The Box. <i>JMIR Research Protocols</i> , 2017, 6, e186.	0.5	19

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19	Microarrays, pattern recognition and exploratory data analysis. <i>Statistics in Medicine</i> , 2003, 22, 1879-1899.	0.8	18
20	Typing <i>Pseudomonas aeruginosa</i> Isolates with Ultrahigh Resolution MALDI-FTICR Mass Spectrometry. <i>Analytical Chemistry</i> , 2016, 88, 5996-6003.	3.2	18
21	Relationship Between Coronary Contrast-Flow Quantitative Flow Ratio and Myocardial Ischemia Assessed by SPECT MPI. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2017, 44, 1888-1896.	3.3	18
22	Usefulness of the CRT-SCORE for Shared Decision Making in Cardiac Resynchronization Therapy in Patients With a Left Ventricular Ejection Fraction of $\geq 35\%$. <i>American Journal of Cardiology</i> , 2017, 120, 2008-2016.	0.7	17
23	Referral of patients for fractional flow reserve using quantitative flow ratio. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 20, 1231-1238.	0.5	17
24	Regurgitant Volume/Left Ventricular End-Diastolic Volume Ratio. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 730-739.	2.3	17
25	Relationship Between Myocardial Function, Body Mass Index, and Outcome After ST-Segmentâ€Elevation Myocardial Infarction. <i>Circulation: Cardiovascular Imaging</i> , 2017, 10, .	1.3	15
26	A clinical prediction score for transient versus persistent childhood immune thrombocytopenia. <i>Journal of Thrombosis and Haemostasis</i> , 2021, 19, 121-130.	1.9	13
27	Inclusion of emergency department patients in early stages of sepsis in a quality improvement programme has the potential to improve survival: a prospective dual-centre study. <i>Emergency Medicine Journal</i> , 2017, 34, 578-585.	0.4	12
28	Mini-, Micro-, and Conventional Electrodes. <i>JACC: Clinical Electrophysiology</i> , 2021, 7, 197-205.	1.3	12
29	Reduced left ventricular mechanical dispersion at 6 months follow-up after cardiac resynchronization therapy is associated with superior long-term outcome. <i>Heart Rhythm</i> , 2018, 15, 1683-1689.	0.3	11
30	Staging right heart failure in patients with tricuspid regurgitation undergoing tricuspid surgery. <i>European Journal of Cardio-thoracic Surgery</i> , 2022, 62, .	0.6	11
31	Construction and assessment of prediction rules for binary outcome in the presence of missing predictor data using multiple imputation and crossâ€validation: Methodological approach and dataâ€based evaluation. <i>Biometrical Journal</i> , 2020, 62, 724-741.	0.6	10
32	Application of a Serum Protein Signature for Pancreatic Cancer to Separate Cases from Controls in a Pancreatic Surveillance Cohort. <i>Translational Oncology</i> , 2016, 9, 242-247.	1.7	9
33	Impact of hepatic encephalopathy on liver transplant waiting list mortality in regions with different transplantation rates. <i>Clinical Transplantation</i> , 2018, 32, e13412.	0.8	9
34	The Effect of Ultraviolet B Irradiation Compared with Oral Vitamin D Supplementation on the Well-being of Nursing Home Residents with Dementia: A Randomized Controlled Trial. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 1684.	1.2	9
35	Mitral valve repair for isolated posterior mitral valve leaflet prolapse: The effect of respect and resect techniques on left ventricular function. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, 164, 1488-1497.e3.	0.4	9
36	Long-term prognostic value of single-photon emission computed tomography myocardial perfusion imaging after primary PCI for STEMI. <i>European Heart Journal Cardiovascular Imaging</i> , 2018, 19, 1287-1293.	0.5	8

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37	Growth Differentiation Factor-15 Levels at Admission Provide Incremental Prognostic Information on All-Cause Long-term Mortality in ST-Segment Elevation Myocardial Infarction Patients Treated with Primary Percutaneous Coronary Intervention. <i>Cardiology and Therapy</i> , 2019, 8, 29-41.	1.1	7
38	Clamping versus nonclamping thoroscopic box ablation in long-standing persistent atrial fibrillation. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 160, 399-405.	0.4	7
39	Risk factors and clinical significance of elevated mitral valve gradient following valve repair for degenerative disease. <i>European Journal of Cardio-thoracic Surgery</i> , 2020, 57, 293-299.	0.6	6
40	Sex differences in coronary plaque changes assessed by serial computed tomography angiography. <i>International Journal of Cardiovascular Imaging</i> , 2021, 37, 2311-2321.	0.7	6
41	Trends in quality of care and dying perceived by family caregivers of nursing home residents with dementia 2005–2019. <i>Palliative Medicine</i> , 2021, 35, 026921632110308.	1.3	6
42	Association between reduced heart rate variability components and supraventricular tachyarrhythmias in patients with a systemic right ventricle. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2020, 227, 102696.	1.4	5
43	Predicting early reconnection after cryoballoon ablation with procedural and biophysical parameters. <i>Heart Rhythm O2</i> , 2021, 2, 290-297.	0.6	5
44	Proteomic diagnosis competition: Design, concepts, participants and first results. <i>Journal of Proteomics</i> , 2009, 72, 785-790.	1.2	4
45	Case series, Chemotherapy-induced cardiomyopathy: mind the family history!. <i>European Heart Journal - Case Reports</i> , 2021, 5, ytab333.	0.3	4
46	To what extent do autoantibodies help to identify high-risk patients in systemic sclerosis?. <i>Clinical and Experimental Rheumatology</i> , 2018, 36 Suppl 113, 109-117.	0.4	4
47	Correlates and Long-Term Implications of Left Ventricular Mechanical Dispersion by Two-Dimensional Speckle-Tracking Echocardiography in Patients with ST-Segment Elevation Myocardial Infarction. <i>Journal of the American Society of Echocardiography</i> , 2020, 33, 964-972.	1.2	3
48	Biological stratification of clinical disease courses in childhood immune thrombocytopenia. <i>Journal of Thrombosis and Haemostasis</i> , 2021, 19, 1071-1081.	1.9	3
49	Validation and Feasibility of Echocardiographic Assessment of Systemic Right Ventricular Function: Serial Correlation With MRI. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 644193.	1.1	3
50	Long-term follow-up of thoroscopic ablation in long-standing persistent atrial fibrillation. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2022, 34, 990-998.	0.5	3
51	Bayesian variable selection logistic regression with paired proteomic measurements. <i>Biometrical Journal</i> , 2018, 60, 1003-1020.	0.6	2
52	Adapting censored regression methods to adjust for the limit of detection in the calibration of diagnostic rules for clinical mass spectrometry proteomic data. <i>Statistical Methods in Medical Research</i> , 2018, 27, 2742-2755.	0.7	2
53	The effect of ultraviolet irradiation compared to oral vitamin D supplementation on blood pressure of nursing home residents with dementia. <i>BMC Geriatrics</i> , 2021, 21, 577.	1.1	2
54	Assessment of Patient-Specific Surgery Effect Based on Weighted Estimation and Propensity Scoring in the Re-Analysis of the Sciatica Trial. <i>PLoS ONE</i> , 2014, 9, e111325.	1.1	1

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55	Long-term prognosis after ST-elevation myocardial infarction in cancer patients. <i>European Heart Journal</i> , 2021, 42, .	1.0	0
56	Identification of Self-Limiting Pediatric Immune Thrombocytopenia at Diagnosis. <i>Blood</i> , 2018, 132, 1145-1145.	0.6	0
57	Original Research: Long-Term Prognosis After ST-Elevation Myocardial Infarction in Patients with a Prior Cancer Diagnosis. <i>Cardiology and Therapy</i> , 2021, , 1.	1.1	0
58	Emergency Heart failure Mortality Risk Grade may help to reduce heart failure admissions. <i>Netherlands Heart Journal</i> , 2022, , 1.	0.3	0
59	Myocardial function in COVID-19 patients after hospital discharge: a descriptive study comparing the first and second "wave"™ patients. <i>International Journal of Cardiovascular Imaging</i> , 2022, 38, 1951-1960.	0.2	0
60	Comment on: Ocular abnormalities at diagnosis and after the completion of treatment in children and adolescents with newly diagnosed acute lymphoblastic leukemia. <i>Pediatric Blood and Cancer</i> , 2022, 69, e29700.	0.8	0