

Martin Magnusson

List of Publications by Year in descending order

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Version: 2024-02-01

90
papers

3,677
citations

257101

24
h-index

143772

57
g-index

97
all docs

97
docs citations

97
times ranked

6641
citing authors

#	ARTICLE	IF	CITATIONS
1	Metabolite Profiling Identifies Pathways Associated With Metabolic Risk in Humans. <i>Circulation</i> , 2012, 125, 2222-2231.	1.6	514
2	Novel and Conventional Biomarkers for Prediction of Incident Cardiovascular Events in the Community. <i>JAMA - Journal of the American Medical Association</i> , 2009, 302, 49.	3.8	474
3	2-Amino adipic acid is a biomarker for diabetes risk. <i>Journal of Clinical Investigation</i> , 2013, 123, 4309-4317.	3.9	397
4	Genomic and drug target evaluation of 90 cardiovascular proteins in 30,931 individuals. <i>Nature Metabolism</i> , 2020, 2, 1135-1148.	5.1	327
5	A diabetes-predictive amino acid score and future cardiovascular disease. <i>European Heart Journal</i> , 2013, 34, 1982-1989.	1.0	223
6	Prevalence of Subclinical Coronary Artery Atherosclerosis in the General Population. <i>Circulation</i> , 2021, 144, 916-929.	1.6	164
7	Cardiac Natriuretic Peptides, Obesity, and Insulin Resistance: Evidence from Two Community-Based Studies. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011, 96, 3242-3249.	1.8	141
8	Low Plasma Level of Atrial Natriuretic Peptide Predicts Development of Diabetes: The Prospective Malmö Diet and Cancer Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, 638-645.	1.8	123
9	Distinct metabolomic signatures are associated with longevity in humans. <i>Nature Communications</i> , 2015, 6, 6791.	5.8	120
10	Elevated Plasma Levels of Nt-proBNP in Patients With Type 2 Diabetes Without Overt Cardiovascular Disease. <i>Diabetes Care</i> , 2004, 27, 1929-1935.	4.3	95
11	Dimethylglycine Deficiency and the Development of Diabetes. <i>Diabetes</i> , 2015, 64, 3010-3016.	0.3	61
12	Mild Renal Dysfunction and Metabolites Tied to Low HDL Cholesterol Are Associated With Monocytosis and Atherosclerosis. <i>Circulation</i> , 2013, 127, 988-996.	1.6	51
13	High levels of cystatin C predict the metabolic syndrome: the prospective Malmö Diet and Cancer Study. <i>Journal of Internal Medicine</i> , 2013, 274, 192-199.	2.7	44
14	Cardiovascular risk after hospitalisation for unexplained syncope and orthostatic hypotension. <i>Heart</i> , 2018, 104, 487-493.	1.2	39
15	Machine Learning-Derived Echocardiographic Phenotypes Predict Heart Failure Incidence in Asymptomatic Individuals. <i>JACC: Cardiovascular Imaging</i> , 2022, 15, 193-208.	2.3	39
16	Atrial Natriuretic Peptide and Type 2 Diabetes Development – Biomarker and Genotype Association Study. <i>PLoS ONE</i> , 2014, 9, e89201.	1.1	38
17	The shrunken pore syndrome is associated with declined right ventricular systolic function in a heart failure population – the HARVEST study. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2016, 76, 568-574.	0.6	34
18	Cognitive test results are associated with mortality and rehospitalization in heart failure: Swedish prospective cohort study. <i>ESC Heart Failure</i> , 2020, 7, 2948-2955.	1.4	34

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19	Plasma metabolite profiles, cellular cholesterol efflux, and non-traditional cardiovascular risk in patients with CKD. <i>Journal of Molecular and Cellular Cardiology</i> , 2017, 112, 114-122.	0.9	31
20	Monitoring of cerebral oximetry during head-up tilt test in adults with history of syncope and orthostatic intolerance. <i>Europace</i> , 2018, 20, 1535-1542.	0.7	30
21	Postprandial Levels of Branch Chained and Aromatic Amino Acids Associate with Fasting Glycaemia. <i>Journal of Amino Acids</i> , 2016, 2016, 1-9.	5.8	27
22	Longitudinal and postural changes of blood pressure predict dementia: the Malmö Preventive Project. <i>European Journal of Epidemiology</i> , 2017, 32, 327-336.	2.5	27
23	Biomarkers of microvascular endothelial dysfunction predict incident dementia: a population-based prospective study. <i>Journal of Internal Medicine</i> , 2017, 282, 94-101.	2.7	26
24	Orthostatic Hypotension and Cardiac Changes After Long-Term Follow-Up. <i>American Journal of Hypertension</i> , 2016, 29, 847-852.	1.0	25
25	Amino Acid Signatures to Evaluate the Beneficial Effects of Weight Loss. <i>International Journal of Endocrinology</i> , 2017, 2017, 1-12.	0.6	25
26	Autonomic dysfunction is associated with cardiac remodelling in heart failure patients. <i>ESC Heart Failure</i> , 2018, 5, 46-52.	1.4	25
27	Cardiovascular biomarkers predict post-discharge re-hospitalization risk and mortality among Swedish heart failure patients. <i>ESC Heart Failure</i> , 2019, 6, 992-999.	1.4	25
28	Using a Targeted Proteomics Chip to Explore Pathophysiological Pathways for Incident Diabetes – The Malmö Preventive Project. <i>Scientific Reports</i> , 2019, 9, 272.	1.6	25
29	Metabolically healthy obesity (MHO) in the Malmö diet cancer study – Epidemiology and prospective risks. <i>Obesity Research and Clinical Practice</i> , 2019, 13, 548-554.	0.8	23
30	Bioactive adrenomedullin, proenkephalin A and clinical outcomes in an acute heart failure setting. <i>Open Heart</i> , 2019, 6, e001048.	0.9	21
31	Glycaemic and nonglycaemic effects of pioglitazone in triple oral therapy of patients with type 2 diabetes. <i>Journal of Internal Medicine</i> , 2006, 260, 125-133.	2.7	20
32	Glucose-Dependent Insulinotropic Peptide in the High-Normal Range Is Associated With Increased Carotid Intima-Media Thickness. <i>Diabetes Care</i> , 2021, 44, 224-230.	4.3	20
33	Beta-blocker therapy and risk of vascular dementia: A population-based prospective study. <i>Vascular Pharmacology</i> , 2020, 125-126, 106649.	1.0	19
34	NT-PROBNP, LEFT VENTRICULAR STRUCTURE AND FUNCTION, AND LONG-TERM CARDIOVASCULAR EVENTS: INSIGHTS FROM A PROSPECTIVE POPULATION-BASED COHORT STUDY. <i>Journal of the American College of Cardiology</i> , 2017, 69, 750.	1.2	18
35	Single and multiple cardiovascular biomarkers in subjects without a previous cardiovascular event. <i>European Journal of Preventive Cardiology</i> , 2017, 24, 1648-1659.	0.8	18
36	Glucose-dependent insulinotropic peptide and risk of cardiovascular events and mortality: a prospective study. <i>Diabetologia</i> , 2020, 63, 1043-1054.	2.9	18

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37	Atrial Natriuretic Peptide in the High Normal Range Is Associated With Lower Prevalence of Insulin Resistance. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 1372-1380.	1.8	17
38	Metabolically Healthy Obesity (MHO) – New Research Directions for Personalised Medicine in Cardiovascular Prevention. <i>Current Hypertension Reports</i> , 2020, 22, 18.	1.5	17
39	Brain natriuretic peptide is related to diastolic dysfunction whereas urinary albumin excretion rate is related to left ventricular mass in asymptomatic type 2 diabetes patients. <i>Cardiovascular Diabetology</i> , 2010, 9, 2.	2.7	16
40	Plasma S1P (Sphingosine-1-Phosphate) Links to Hypertension and Biomarkers of Inflammation and Cardiovascular Disease: Findings From a Translational Investigation. <i>Hypertension</i> , 2021, 78, 195-209.	1.3	16
41	Characteristics and prognosis of healthy severe obesity (HSO) subjects - The Malmo Preventive Project. <i>Obesity Medicine</i> , 2018, 11, 6-12.	0.5	13
42	Selenoprotein P Deficiency and Risk of Mortality and Rehospitalization in Acute Heart Failure. <i>Journal of the American College of Cardiology</i> , 2019, 74, 1009-1011.	1.2	13
43	The Shrunken pore syndrome is associated with poor prognosis and lower quality of life in heart failure patients: the HARVEST – Malmö study. <i>ESC Heart Failure</i> , 2021, 8, 3577-3586.	1.4	13
44	Obesity and metabolic features associated with long-term developing diastolic dysfunction in an initially healthy population-based cohort. <i>Clinical Research in Cardiology</i> , 2018, 107, 887-896.	1.5	12
45	Proteomic exploration of common pathophysiological pathways in diabetes and cardiovascular disease. <i>ESC Heart Failure</i> , 2020, 7, 4151-4158.	1.4	12
46	Exploration of pathophysiological pathways for incident atrial fibrillation using a multiplex proteomic chip. <i>Open Heart</i> , 2020, 7, e001190.	0.9	12
47	Proteins linked to atherosclerosis and cell proliferation are associated with the shrunken pore syndrome in heart failure patients. <i>Proteomics - Clinical Applications</i> , 2021, 15, e2000089.	0.8	11
48	Cystatin C and Risk of Diabetes and the Metabolic Syndrome – Biomarker and Genotype Association Analyses. <i>PLoS ONE</i> , 2016, 11, e0155735.	1.1	11
49	Hemodynamic force analysis is not ready for clinical trials on HFpEF. <i>Scientific Reports</i> , 2022, 12, 4017.	1.6	10
50	A genetic variant of the atrial natriuretic peptide gene is associated with left ventricular hypertrophy in a non-diabetic population – the Malmö preventive project study. <i>BMC Medical Genetics</i> , 2013, 14, 64.	2.1	9
51	Skin autofluorescence as a measure of advanced glycation end product levels is associated with carotid atherosclerotic plaque burden in an elderly population. <i>Diabetes and Vascular Disease Research</i> , 2019, 16, 466-473.	0.9	9
52	Exploring biomarkers associated with deteriorating vascular health using a targeted proteomics chip. <i>Medicine (United States)</i> , 2021, 100, e25936.	0.4	8
53	How to calculate ventricular – arterial coupling?. <i>European Journal of Heart Failure</i> , 2022, 24, 600-602.	2.9	8
54	HIGH-SENSITIVITY TROPONIN-T, LEFT VENTRICULAR SIZE AND FUNCTION, AND LONG-TERM OUTCOMES IN CLINICALLY STABLE, APPARENTLY HEALTHY OLDER SUBJECTS. <i>Journal of the American College of Cardiology</i> , 2017, 69, 948.	1.2	7

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55	The Auto-Complete Graph: Merging and Mutual Correction of Sensor and Prior Maps for SLAM. <i>Robotics</i> , 2019, 8, 40.	2.1	7
56	High levels of arginine, citrulline and ADMA are independent predictors of cardiovascular disease. <i>European Heart Journal</i> , 2013, 34, P5687-P5687.	1.0	6
57	Echocardiographic Findings in Patients with Mild to Moderate Chronic Kidney Disease without Symptomatic Heart Failure: A Population-Based Study. <i>CardioRenal Medicine</i> , 2019, 9, 284-296.	0.7	6
58	Impaired cerebral oxygenation in heart failure patients at rest and during head-up tilt testing. <i>ESC Heart Failure</i> , 2021, 8, 586-594.	1.4	6
59	A clinically confirmed family history for early myocardial infarction is associated with increased risk of obesity, insulin resistance and metabolic syndrome. <i>Journal of Hypertension</i> , 2012, 30, 948-953.	0.3	5
60	N-Terminal Prosomatostatin and Risk of Vascular Dementia. <i>Cerebrovascular Diseases</i> , 2017, 44, 259-265.	0.8	5
61	Towards an Autonomous Unwrapping System for Intralogistics. <i>IEEE Robotics and Automation Letters</i> , 2019, 4, 4603-4610.	3.3	5
62	High circulating levels of midregional proenkephalin A predict vascular dementia: a population-based prospective study. <i>Scientific Reports</i> , 2020, 10, 8027.	1.6	5
63	Delayed retinal vein recovery responses indicate both non-adaptation to stress as well as increased risk for stroke: the SABPA study. <i>Cardiovascular Journal of Africa</i> , 2021, 32, 7-18.	0.2	5
64	Nt-proANP in plasma, a marker of salt sensitivity, is reduced in type 2 diabetes patients. <i>Journal of Internal Medicine</i> , 2005, 257, 281-288.	2.7	4
65	Prospective associations between cardiac stress, glucose dysregulation and executive cognitive function in Black men: The Sympathetic activity and Ambulatory Blood Pressure in Africans study. <i>Diabetes and Vascular Disease Research</i> , 2019, 16, 236-243.	0.9	4
66	Increased pulmonary blood volume variation in patients with heart failure compared to healthy controls: a noninvasive, quantitative measure of heart failure. <i>Journal of Applied Physiology</i> , 2020, 128, 324-337.	1.2	4
67	Natriuretic peptides as indicators of cardiac remodeling in hypertensive patients. <i>Blood Pressure</i> , 2009, 18, 196-203.	0.7	3
68	Defensive coping and essential amino acid markers as possible predictors for structural vascular disease in an African and Caucasian male cohort: The SABPA study. <i>Psychophysiology</i> , 2017, 54, 696-705.	1.2	3
69	Coping facilitated troponin T increases and hypo-responsivity in the copeptin-HPA-axis during acute mental stress in a black cohort: The SABPA study. <i>Physiology and Behavior</i> , 2019, 207, 159-166.	1.0	3
70	BDNF increases associated with constant troponin T levels and may protect against poor cognitive interference control: The SABPA prospective study. <i>European Journal of Clinical Investigation</i> , 2019, 49, e13116.	1.7	3
71	Proteomic and Metabolomic Characterization of Metabolically Healthy Obesity: A Descriptive Study from a Swedish Cohort. <i>Journal of Obesity</i> , 2021, 2021, 1-9.	1.1	3
72	Galectin-4 levels in hospitalized versus non-hospitalized subjects with obesity: the Malmö Preventive Project. <i>Cardiovascular Diabetology</i> , 2022, 21, .	2.7	3

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73	Diagnostic performance of the Selvester QRS scoring system in relation to clinical ECG assessment of patients with lateral myocardial infarction using cardiac magnetic resonance as reference standard. <i>Journal of Electrocardiology</i> , 2015, 48, 750-757.	0.4	2
74	Metabolomic signatures in atherosclerotic disease: what is the potential use?. <i>Hypertension Research</i> , 2016, 39, 576-577.	1.5	2
75	[PP.05.18] POSTPRANDIAL LEVELS OF BRANCH CHAINED AND AROMATIC AMINO ACIDS ASSOCIATED WITH FASTING GLYCAEMIA. <i>Journal of Hypertension</i> , 2016, 34, e145.	0.3	2
76	Population-Level Analysis to Determine Parameters That Drive Variation in the Plasma Metabolite Profiles. <i>Metabolites</i> , 2018, 8, 78.	1.3	2
77	A diabetes-associated genetic variant is associated with diastolic dysfunction and cardiovascular disease. <i>ESC Heart Failure</i> , 2020, 7, 345-353.	1.4	2
78	Hydraulic force is a novel mechanism of diastolic function that may contribute to decreased diastolic filling in HFpEF and facilitate filling in HFrEF. <i>Journal of Applied Physiology</i> , 2021, 130, 993-1000.	1.2	2
79	Physical Inactivity Is Associated With Post-discharge Mortality and Re-hospitalization Risk Among Swedish Heart Failure Patients—The HARVEST-Malmö Study. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 843029.	1.1	2
80	URSIM: Unique Regions for Sketch Map Interpretation and Matching. <i>Robotics</i> , 2019, 8, 43.	2.1	1
81	Antibodies against phosphorylcholine in hospitalized versus non-hospitalized obese subjects. <i>Scientific Reports</i> , 2021, 11, 20246.	1.6	1
82	Atrial natriuretic peptide and type 2 diabetes development, evidence of causal association from the prospective Malmo diet and cancer study. <i>European Heart Journal</i> , 2013, 34, P5048-P5048.	1.0	0
83	Response to letter to the editor “Serum cystatin C levels correlate with endothelial dysfunction in patients with the metabolic syndrome™. <i>Journal of Internal Medicine</i> , 2013, 274, 496-498.	2.7	0
84	16-43: Hospitalization for syncope and orthostatic hypotension predicts incident cardiovascular disease in older middle-aged patients. <i>Europace</i> , 2016, 18, i11-i11.	0.7	0
85	2D Spatial Keystone Transform for Sub-Pixel Motion Extraction from Noisy Occupancy Grid Map. , 2018, , .		0
86	Heart Failure and Metabolic Factors. <i>Updates in Hypertension and Cardiovascular Protection</i> , 2019, , 123-133.	0.1	0
87	MO071 PROTEINS LINKED TO ATHEROSCLEROSIS AND CELL PROLIFERATION ARE ASSOCIATED WITH SHRUNKEN PORE SYNDROME IN HEART FAILURE PATIENTS. <i>Nephrology Dialysis Transplantation</i> , 2021, 36, .	0.4	0
88	MO131 THE SHRUNKEN PORE SYNDROME IS ASSOCIATED WITH POOR PROGNOSIS AND LOWER QUALITY OF LIFE IN HEART FAILURE PATIENTS- THE HARVEST-MALMÖ STUDY. <i>Nephrology Dialysis Transplantation</i> , 2021, 36, .	0.4	0
89	NT-proBNP and metabolic risk factors in a bi-ethnic cohort: the Ambulatory Blood Pressure in African prospective cohort study. <i>Cardiovascular Journal of Africa</i> , 2020, 31, 11-17.	0.2	0
90	Cardiovascular Profile of South African Adults with Low-Level Viremia during Antiretroviral Therapy. <i>Journal of Clinical Medicine</i> , 2022, 11, 2812.	1.0	0