Jan Gustav Smith

List of Publications by Year
in descending order

95 papers	5,428 citations	117625 34 h-index	95266 68 g-index
104 all docs	104 docs citations	104 times ranked	9444 citing authors

#	Article	IF	Citations
1	Metabolic Profiling of Obesity With and Without the Metabolic Syndrome: A Multisample Evaluation. Journal of Clinical Endocrinology and Metabolism, 2022, , .	3.6	9
2	Temporal trends in characteristics and outcome of heart failure patients with and without significant coronary artery disease. ESC Heart Failure, 2022, 9, 1812-1822.	3.1	8
3	Hemodynamic force analysis is not ready for clinical trials on HFpEF. Scientific Reports, 2022, 12, 4017.	3.3	10
4	Healthcare resource use of patients with transthyretin amyloid cardiomyopathy. ESC Heart Failure, 2022, 9, 1636-1642.	3.1	4
5	Genetic insights into cardiac relaxation and filling. , 2022, 1, 291-293.		0
6	Prevalence, characteristics, and mortality of patients with transthyretin amyloid cardiomyopathy in the Nordic countries. ESC Heart Failure, 2022, 9, 2528-2537.	3.1	12
7	Genetically determined NLRP3 inflammasome activation associates with systemic inflammation and cardiovascular mortality. European Heart Journal, 2021, 42, 1742-1756.	2.2	63
8	Proteomic profiling reveals biomarkers and pathways in type 2 diabetes risk. JCI Insight, 2021, 6, .	5.0	26
9	Hydraulic force is a novel mechanism of diastolic function that may contribute to decreased diastolic filling in HFpEF and facilitate filling in HFrEF. Journal of Applied Physiology, 2021, 130, 993-1000.	2.5	2
10	Technological readiness and implementation of genomicâ€driven precision medicine for complex diseases. Journal of Internal Medicine, 2021, 290, 602-620.	6.0	18
11	The genomics of heart failure: design and rationale of the HERMES consortium. ESC Heart Failure, 2021, 8, 5531-5541.	3.1	11
12	Nationwide prevalence and characteristics of transthyretin amyloid cardiomyopathy in Sweden. Open Heart, 2021, 8, e001755.	2.3	19
13	Myocardial injury biomarkers at point of care for early identification of primary graft dysfunction after heart transplantation. Clinical Transplantation, 2021, , e14526.	1.6	1
14	Mortality risks associated with sibling heart failure. International Journal of Cardiology, 2020, 307, 114-118.	1.7	4
15	Genome-wide association and Mendelian randomisation analysis provide insights into the pathogenesis of heart failure. Nature Communications, 2020, 11, 163.	12.8	466
16	HEARTBiT: A Transcriptomic Signature for Excluding Acute Cellular Rejection in Adult Heart Allograft Patients. Canadian Journal of Cardiology, 2020, 36, 1217-1227.	1.7	11
17	Microbial Imidazole Propionate Affects Responses to Metformin through p38Î³-Dependent Inhibitory AMPK Phosphorylation. Cell Metabolism, 2020, 32, 643-653.e4.	16.2	83
18	Using proximity extension proteomics assay to identify biomarkers associated with infarct size and ejection fraction after ST-elevation myocardial infarction. Scientific Reports, 2020, 10, 18663.	3.3	10

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19	Circulating testican-2 is a podocyte-derived marker of kidney health. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 25026-25035.	7.1	19
20	Incidence of Ischemic Stroke in Individuals With and Without Aortic Valve Stenosis. Stroke, 2020, 51, 1364-1371.	2.0	16
21	Multi-ancestry GWAS of the electrocardiographic PR interval identifies 202 loci underlying cardiac conduction. Nature Communications, 2020, 11, 2542.	12.8	59
22	Genetic and InÂVitro Inhibition of PCSK9 and Calcific Aortic Valve Stenosis. JACC Basic To Translational Science, 2020, 5, 649-661.	4.1	45
23	Neighborhood socioeconomic status and aortic stenosis: A Swedish study based on nationwide registries and an echocardiographic screening cohort. International Journal of Cardiology, 2020, 318, 153-159.	1.7	8
24	Lipoprotein-associated phospholipase A2 activity, genetics and calcific aortic valve stenosis in humans. Heart, 2020, 106, 1407-1412.	2.9	12
25	Association of FADS1/2 Locus Variants and Polyunsaturated Fatty Acids With Aortic Stenosis. JAMA Cardiology, 2020, 5, 694.	6.1	32
26	Î²-blockers after myocardial infarction and 1-year clinical outcome â€“ a retrospective study. BMC Cardiovascular Disorders, 2020, 20, 165.	1.7	2
27	Methods for isolation and transcriptional profiling of individual cells from the human heart. Heliyon, 2020, 6, e05810.	3.2	10
28	Whole-genome sequencing based on formalin-fixed paraffin-embedded endomyocardial biopsies for genetic studies on outcomes after heart transplantation. PLoS ONE, 2019, 14, e0217747.	2.5	2
29	Outcomes associated with dual antiplatelet therapy after myocardial infarction in patients with aortic stenosis. International Journal of Cardiology, 2019, 281, 140-145.	1.7	2
30	Subsequent Event Risk in Individuals With Established Coronary Heart Disease. Circulation Genomic and Precision Medicine, 2019, 12, e002470.	3.6	17
31	Association of Chromosome 9p21 With Subsequent Coronary Heart Disease Events. Circulation Genomic and Precision Medicine, 2019, 12, e002471.	3.6	22
32	Accelerating Biomarker Discovery Through Electronic Health Records, Automated Biobanking, and Proteomics. Journal of the American College of Cardiology, 2019, 73, 2195-2205.	2.8	35
33	Prevalence of heart failure and other risk factors among first-degree relatives of women with peripartum cardiomyopathy. Heart, 2019, 105, 1057-1062.	2.9	10
34	Profiling of the plasma proteome across different stages of human heart failure. Nature Communications, 2019, 10, 5830.	12.8	53
35	Phenotypic Refinement of Heart Failure in a National Biobank Facilitates Genetic Discovery. Circulation, 2019, 139, 489-501.	1.6	109
36	Effects of the coronary artery disease associated LPA and 9p21 loci on risk of aortic valve stenosis. International Journal of Cardiology, 2019, 276, 212-217.	1.7	9

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37	Increased vascular endothelial growth factor D is associated with atrial fibrillation and ischaemic stroke. Heart, 2019, 105, 553-558.	2.9	29
38	Functional Screening Identifies MicroRNA Regulators of Corin Activity and Atrial Natriuretic Peptide Biogenesis. Molecular and Cellular Biology, 2019, 39, .	2.3	13
39	Genome-wide analysis yields new loci associating with aortic valve stenosis. Nature Communications, 2018, 9, 987.	12.8	91
40	Longitudinal evaluation of ventricular ejection fraction and NT-proBNP across heart failure subgroups. Scandinavian Cardiovascular Journal, 2018, 52, 205-210.	1.2	8
41	Current evidence of oral anticoagulant reversal: A systematic review. Thrombosis Research, 2018, 162, 22-31.	1.7	37
42	Genetic Architecture of the Cardiovascular Risk Proteome. Circulation, 2018, 137, 1158-1172.	1.6	64
43	No Benefit of Ticagrelor Pretreatment Compared With Treatment During Percutaneous Coronary Intervention in Patients With ST-Segmentâ€“Elevation Myocardial Infarction Undergoing Primary Percutaneous Coronary Intervention. Circulation: Cardiovascular Interventions, 2018, 11, e005528.	3.9	25
44	Familial Mortality Risks in Patients With Heart Failureâ€”A Swedish Sibling Study. Journal of the American Heart Association, 2018, 7, e010181.	3.7	6
45	Probing the Virtual Proteome to Identify Novel Disease Biomarkers. Circulation, 2018, 138, 2469-2481.	1.6	42
46	A Swedish Nationwide Adoption Study of the Heritability of Heart Failure. JAMA Cardiology, 2018, 3, 703.	6.1	44
47	Blood lactate is a predictor of short-term mortality in patients with myocardial infarction complicated by heart failure but without cardiogenic shock. BMC Cardiovascular Disorders, 2018, 18, 8.	1.7	31
48	Predictive Value of High-Sensitivity Troponin T for Systolic Dysfunction and Infarct Size (Six Months) After ST-Elevation Myocardial Infarction. American Journal of Cardiology, 2018, 122, 735-743.	1.6	10
49	Multi-ethnic genome-wide association study for atrial fibrillation. Nature Genetics, 2018, 50, 1225-1233.	21.4	552
50	Pro-atrial natriuretic peptide and prediction of atrial fibrillation and stroke: The MalmÃ¶ Preventive Project. European Journal of Preventive Cardiology, 2017, 24, 788-795.	1.8	15
51	Epidemiology of valvular heart disease in a Swedish nationwide hospital-based register study. Heart, 2017, 103, 1696-1703.	2.9	195
52	Lp-PLA2 activity and mass for prediction of incident abdominal aortic aneurysms: A prospective longitudinal cohort study. Atherosclerosis, 2017, 262, 14-18.	0.8	11
53	Emerging Affinity-Based Proteomic Technologies for Large-Scale Plasma Profiling in Cardiovascular Disease. Circulation, 2017, 135, 1651-1664.	1.6	136
54	Large-scale analyses of common and rare variants identify 12 new loci associated with atrial fibrillation. Nature Genetics, 2017, 49, 946-952.	21.4	279

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55	Circulating cadmium concentration and risk of aortic aneurysms: A nested case-control study within the MalmÃ¶ Diet and Cancer cohort. Atherosclerosis, 2017, 261, 37-43.	0.8	14
56	Relations between lipoprotein(a) concentrations, LPA genetic variants, and the risk of mortality in patients with established coronary heart disease: a molecular and genetic association study. Lancet Diabetes and Endocrinology,the, 2017, 5, 534-543.	11.4	84
57	Heritability of Mitral Regurgitation. Circulation: Cardiovascular Genetics, 2017, 10, .	5.1	16
58	Genetic Interactions with Age, Sex, Body Mass Index, and Hypertension in Relation to Atrial Fibrillation: The AFGen Consortium. Scientific Reports, 2017, 7, 11303.	3.3	15
59	Familial Aggregation of Aortic Valvular Stenosis. Circulation: Cardiovascular Genetics, 2017, 10, .	5.1	27
60	Immunological Serum Protein Profiles for Noninvasive Detection of Acute Cellular Rejection After Heart Transplantation. Journal of the American College of Cardiology, 2017, 70, 2946-2947.	2.8	3
61	Genetic Risk Prediction of Atrial Fibrillation. Circulation, 2017, 135, 1311-1320.	1.6	87
62	Assessment of Use vs Discontinuation of Oral Anticoagulation After Pulmonary Vein Isolation in Patients With Atrial Fibrillation. JAMA Cardiology, 2017, 2, 146.	6.1	54
63	Molecular Epidemiology of Heart Failure. JACC Basic To Translational Science, 2017, 2, 757-769.	4.1	25
64	Heritability of Atrial Fibrillation. Circulation: Cardiovascular Genetics, 2017, 10, .	5.1	72
65	Orthogonal P-wave morphology is affected by intra-atrial pressures. BMC Cardiovascular Disorders, 2017, 17, 288.	1.7	5
66	Sibling risk of hospitalization for heart failure â€“ A nationwide study. International Journal of Cardiology, 2016, 223, 379-384.	1.7	14
67	Diagnostic Accuracy of High-Sensitivity Cardiac Troponin T at Presentation Combined With History and ECG for Ruling Out Major Adverse Cardiac Events. Annals of Emergency Medicine, 2016, 68, 649-658.e3.	0.6	28
68	Orosomucoid, Carotid Plaque, and Incidence of Stroke. Stroke, 2016, 47, 1858-1863.	2.0	22
69	Novel MicroRNA Regulators of Atrial Natriuretic Peptide Production. Molecular and Cellular Biology, 2016, 36, 1977-1987.	2.3	20
70	Discovery of Genetic Variation on Chromosome 5q22 Associated with Mortality in Heart Failure. PLoS Genetics, 2016, 12, e1006034.	3.5	34
71	Total and Differential Leukocyte Counts in Relation to Incidence of Diabetes Mellitus: A Prospective Population-Based Cohort Study. PLoS ONE, 2016, 11, e0148963.	2.5	11
72	Response to Letter Regarding Article â€œTemporal Trends in the Incidence and Prognosis of Aortic Stenosis: A Nationwide Study of the Swedish Populationâ€• Circulation, 2015, 132, e240.	1.6	0

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73	Risk Profiles for Aortic Dissection and Ruptured or Surgically Treated Aneurysms: A Prospective Cohort Study. Journal of the American Heart Association, 2015, 4, e001513.	3.7	250
74	Temporal Trends in the Incidence and Prognosis of Aortic Stenosis. Circulation, 2015, 131, 988-994.	1.6	94
75	Î²â€Blocker Use and Mortality in COPD Patients After Myocardial Infarction: A Swedish Nationwide Observational Study. Journal of the American Heart Association, 2015, 4, .	3.7	46
76	Genome-wide association studies of late-onset cardiovascular disease. Journal of Molecular and Cellular Cardiology, 2015, 83, 131-141.	1.9	42
77	Concomitant use of warfarin and ticagrelor as an alternative to triple antithrombotic therapy after an acute coronary syndrome. Thrombosis Research, 2015, 135, 26-30.	1.7	58
78	Smoking Modifies the Associated Increased Risk of Future Cardiovascular Disease by Genetic Variation on Chromosome 9p21. PLoS ONE, 2014, 9, e85893.	2.5	24
79	Red cell distribution width in relation to incidence of coronary events and case fatality rates: a population-based cohort study. Heart, 2014, 100, 1119-1124.	2.9	54
80	Impact of chronic obstructive pulmonary disease on morbidity and mortality after myocardial infarction. Open Heart, 2014, 1, e000002.	2.3	56
81	Nationwide trends in development of heart failure and mortality after first-time myocardial infarction 1997â€“2010: A Danish cohort study. European Journal of Internal Medicine, 2014, 25, 731-738.	2.2	33
82	Association of Low-Density Lipoprotein Cholesterolâ€“Related Genetic Variants With Aortic Valve Calcium and Incident Aortic Stenosis. JAMA - Journal of the American Medical Association, 2014, 312, 1764.	7.4	184
83	Carotid Plaque, Intima-Media Thickness, and Incident Aortic Stenosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 2343-2348.	2.4	33
84	Twelveâ€“Single Nucleotide Polymorphism Genetic Risk Score Identifies Individuals at Increased Risk for Future Atrial Fibrillation and Stroke. Stroke, 2014, 45, 2856-2862.	2.0	95
85	Genetic association study of QT interval highlights role for calcium signaling pathways in myocardial repolarization. Nature Genetics, 2014, 46, 826-836.	21.4	281
86	Carotid intima-media thickness is associated with incidence of hospitalized atrial fibrillation. Atherosclerosis, 2014, 233, 673-678.	0.8	31
87	Acute right ventricular failure caused by concomitant coronary and pulmonary embolism: successful treatment with endovascular coronary and pulmonary thrombectomy. European Heart Journal: Acute Cardiovascular Care, 2013, 2, 131-136.	1.0	15
88	Genetic polymorphisms confer risk of atrial fibrillation in patients with heart failure: a populationâ€based study. European Journal of Heart Failure, 2013, 15, 250-257.	7.1	20
89	Impact of Ancestry and Common Genetic Variants on QT Interval in African Americans. Circulation: Cardiovascular Genetics, 2012, 5, 647-655.	5.1	38
90	Genetic Polymorphisms for Estimating Risk of Atrial Fibrillation in the General Population: A Prospective Study. Archives of Internal Medicine, 2012, 172, 742.	3.8	18

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91	Triple antithrombotic therapy following an acute coronary syndrome: prevalence, outcomes and prognostic utility of the HAS-BLED score. EuroIntervention, 2012, 8, 672-678.	3.2	73
92	Genome-Wide Association Studies of the PR Interval in African Americans. PLoS Genetics, 2011, 7, e1001304.	3.5	88
93	Atrial fibrillation in the MalmÃ¶ diet and cancer study: a study of occurrence, risk factors and diagnostic validity. European Journal of Epidemiology, 2010, 25, 95-102.	5.7	236
94	Assessment of Conventional Cardiovascular Risk Factors and Multiple Biomarkers for the Prediction of Incident Heart Failure and Atrial Fibrillation. Journal of the American College of Cardiology, 2010, 56, 1712-1719.	2.8	273
95	Genome-Wide Association Study in Humans. Methods in Molecular Biology, 2009, 573, 231-258.	0.9	23