Quinn Stanton Wells

List of Publications by Year
in descending order

109 papers	4,797 citations	134610 34 h-index	124990 64 g-index
117 all docs	117 docs citations	117 times ranked	10017 citing authors

#	Article	IF	Citations
1	Free fatty acid receptor 4 responds to endogenous fatty acids to protect the heart from pressure overload. Cardiovascular Research, 2022, 118, 1061-1073.	1.8	17
2	Systems Approach to Integrating Preclinical Apolipoprotein E-Knockout Investigations Reveals Novel Etiologic Pathways and Master Atherosclerosis Network in Humans. Arteriosclerosis, Thrombosis, and Vascular Biology, 2022, 42, 35-48.	1.1	4
3	Common Ancestry-Specific Ion Channel Variants Predispose to Drug-Induced Arrhythmias. Circulation, 2022, 145, 299-308.	1.6	12
4	Characterizing a Clinical Trial â€“ Representative, Real-World Population with Heart Failure with Reduced Ejection Fraction. Clinical Epidemiology, 2022, Volume 14, 39-49.	1.5	1
5	Genome-wide association study reveals novel genetic loci: a new polygenic risk score for mitral valve prolapse. European Heart Journal, 2022, 43, 1668-1680.	1.0	25
6	Arrhythmia Variant Associations and Reclassifications in the eMERGE-III Sequencing Study. Circulation, 2022, 145, 877-891.	1.6	18
7	Mortality Among Patients With Early-Onset Atrial Fibrillation and Rare Variants in Cardiomyopathy and Arrhythmia Genes. JAMA Cardiology, 2022, 7, 733.	3.0	14
8	Arrhythmias as Presentation of Genetic Cardiomyopathy. Circulation Research, 2022, 130, 1698-1722.	2.0	19
9	Genetic Determinants of Body Mass Index and Fasting Glucose Are Mediators of Grade 1 Diastolic Dysfunction. Journal of the American Heart Association, 2022, 11, .	1.6	1
10	A MUC<scp>5</scp>B Gene Polymorphism, rs35705950-T, Confers Protective Effects Against COVID-19 Hospitalization but Not Severe Disease or Mortality. American Journal of Respiratory and Critical Care Medicine, 2022, 206, 1220-1229.	2.5	14
11	Genetic risk for major depressive disorder and loneliness in sex-specific associations with coronary artery disease. Molecular Psychiatry, 2021, 26, 4254-4264.	4.1	26
12	Prognostic implications of pre-existing medical comorbidity in Takotsubo cardiomyopathy. Heart and Vessels, 2021, 36, 492-498.	0.5	2
13	BMI Is Causally Associated With Pulmonary Artery Pressure But Not Hemodynamic Evidence of Pulmonary Vascular Remodeling. Chest, 2021, 159, 302-310.	0.4	9
14	A retrospective approach to evaluating potential adverse outcomes associated with delay of procedures for cardiovascular and cancer-related diagnoses in the context of COVID-19. Journal of Biomedical Informatics, 2021, 113, 103657.	2.5	20
15	Low Prevalence of Clinically Apparent Cardiac Amyloidosis Among Carriers of Transthyretin V122I Variant in a Large Electronic Medical Record. American Journal of Medicine, 2021, 134, e98-e100.	0.6	2
16	Unexpectedly Low Natriuretic Peptide Levels in Patients With HeartÂFailure. JACC: Heart Failure, 2021, 9, 192-200.	1.9	32
17	Phenotyping coronavirus disease 2019 during a global health pandemic: Lessons learned from the characterization of an early cohort. Journal of Biomedical Informatics, 2021, 117, 103777.	2.5	11
18	Characteristics Associated With Multisystem Inflammatory Syndrome Among Adults With SARS-CoV-2 Infection. JAMA Network Open, 2021, 4, e2110323.	2.8	65

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19	Polygenic Risk Score to Identify Subclinical Coronary Heart Disease Risk in Young Adults. Circulation Genomic and Precision Medicine, 2021, 14, e003341.	1.6	12
20	The genomics of heart failure: design and rationale of the HERMES consortium. ESC Heart Failure, 2021, 8, 5531-5541.	1.4	11
21	Using genetics to detangle the relationships between red cell distribution width and cardiovascular diseases: a unique role for body mass index. Open Heart, 2021, 8, e001713.	0.9	3
22	Deep learning analysis of electrocardiogram for risk prediction of drug-induced arrhythmias and diagnosis of long QT syndrome. European Heart Journal, 2021, 42, 3948-3961.	1.0	27
23	Early-Onset Atrial Fibrillation and the Prevalence of Rare Variants in Cardiomyopathy and Arrhythmia Genes. JAMA Cardiology, 2021, 6, 1371.	3.0	66
24	Heart failure clinical care analysis uncovers risk reduction opportunities for preserved ejection fraction subtype. Scientific Reports, 2021, 11, 18618.	1.6	0
25	484. Identification of Early Features to Differentiate Hospitalized Children Admitted for Suspected MIS-C from Alternative Diagnoses. Open Forum Infectious Diseases, 2021, 8, S343-S344.	0.4	0
26	Initial changes in peak aortic jet velocity and mean gradient predict progression to severe aortic stenosis. IJC Heart and Vasculature, 2020, 30, 100592.	0.6	2
27	PROVIDE-HF primary results: Patient-Reported Outcomes inVestigation following Initiation of Drug therapy with Entresto (sacubitril/valsartan) in heart failure. American Heart Journal, 2020, 230, 35-43.	1.2	8
28	Characterisation of aortic stenosis severity: a retrospective analysis of echocardiography reports in a clinical laboratory. Open Heart, 2020, 7, e001331.	0.9	3
29	Optimizing Genetic Analyses of Serum Lipids in Longitudinal Data. Circulation Research, 2020, 127, 1337-1339.	2.0	0
30	Assessment of gadolinium deposition in the brain tissue of pediatric and adult congenital heart disease patients after contrast enhanced cardiovascular magnetic resonance. Journal of Cardiovascular Magnetic Resonance, 2020, 22, 82.	1.6	3
31	The polygenic architecture of left ventricular mass mirrors the clinical epidemiology. Scientific Reports, 2020, 10, 7561.	1.6	13
32	Avoiding Burnout From Hypertrophic Cardiomyopathy. Journal of the American College of Cardiology, 2020, 75, 3044-3047.	1.2	5
33	The Role of Bone Morphogenetic Protein Signaling in Non-Alcoholic Fatty Liver Disease. Scientific Reports, 2020, 10, 9831.	1.6	10
34	Genetic Susceptibility for Atrial Fibrillation in Patients Undergoing Atrial Fibrillation Ablation. Circulation: Arrhythmia and Electrophysiology, 2020, 13, e007676.	2.1	30
35	American Heart Association Vascular Disease Strategically Focused Research Network. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, e47-e54.	1.1	0
36	Association of FADS1/2 Locus Variants and Polyunsaturated Fatty Acids With Aortic Stenosis. JAMA Cardiology, 2020, 5, 694.	3.0	32

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37	Precision nicotine metabolism-informed care for smoking cessation in Crohnâ€™s disease: A pilot study. PLoS ONE, 2020, 15, e0230656.	1.1	7
38	Predictive Accuracy of a Polygenic Risk Score Compared With a Clinical Risk Score for Incident Coronary Heart Disease. JAMA - Journal of the American Medical Association, 2020, 323, 627.	3.8	234
39	Prediction of Type II Diabetes Onset with Computed Tomography and Electronic Medical Records. Lecture Notes in Computer Science, 2020, 12445, 13-23.	1.0	9
40	Metabolomics reveals the impact of Type 2 diabetes on local muscle and vascular responses to ischemic stress. Clinical Science, 2020, 134, 2369-2379.	1.8	7
41	Microvascular Disease, Peripheral Artery Disease, and Amputation. Circulation, 2019, 140, 449-458.	1.6	114
42	Discretionary Thrombophilia Test Acquisition and Outcomes in Patients With Venous Thromboembolism in a Realâ€World Clinical Setting. Journal of the American Heart Association, 2019, 8, e013395.	1.6	3
43	Association of Mild Echocardiographic Pulmonary Hypertension With Mortality and Right Ventricular Function. JAMA Cardiology, 2019, 4, 1112.	3.0	73
44	Harmonizing Clinical Sequencing and Interpretation for the eMERGE III Network. American Journal of Human Genetics, 2019, 105, 588-605.	2.6	99
45	Detecting time-evolving phenotypic topics via tensor factorization on electronic health records: Cardiovascular disease case study. Journal of Biomedical Informatics, 2019, 98, 103270.	2.5	32
46	Learning from Longitudinal Data in Electronic Health Record and Genetic Data to Improve Cardiovascular Event Prediction. Scientific Reports, 2019, 9, 717.	1.6	115
47	Evaluating the Clinical Validity of Hypertrophic Cardiomyopathy Genes. Circulation Genomic and Precision Medicine, 2019, 12, e002460.	1.6	267
48	Association of Thyroid Function Genetic Predictors With Atrial Fibrillation. JAMA Cardiology, 2019, 4, 136.	3.0	23
49	Attitudes toward Precision Treatment of Smoking in the Southern Community Cohort Study. Cancer Epidemiology Biomarkers and Prevention, 2019, 28, 1345-1352.	1.1	11
50	Accelerating Biomarker Discovery Through Electronic Health Records, Automated Biobanking, and Proteomics. Journal of the American College of Cardiology, 2019, 73, 2195-2205.	1.2	35
51	Profiling of the plasma proteome across different stages of human heart failure. Nature Communications, 2019, 10, 5830.	5.8	53
52	Phenotypic Refinement of Heart Failure in a National Biobank Facilitates Genetic Discovery. Circulation, 2019, 139, 489-501.	1.6	109
53	Clinical Features Associated With Nascent Left Ventricular Diastolic Dysfunction in a Population Aged 40 to 55 Years. American Journal of Cardiology, 2018, 121, 1552-1557.	0.7	8
54	Benefit of Preemptive Pharmacogenetic Information on Clinical Outcome. Clinical Pharmacology and Therapeutics, 2018, 103, 787-794.	2.3	77

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55	Psychiatric Illness in Takotsubo (Stress) Cardiomyopathy: A Review. Psychosomatics, 2018, 59, 220-226.	2.5	36
56	A Metabolic Basis for Endothelial-to-Mesenchymal Transition. Molecular Cell, 2018, 69, 689-698.e7.	4.5	164
57	Opportunities and Challenges in Cardiovascular Pharmacogenomics. Circulation Research, 2018, 122, 1176-1190.	2.0	23
58	Prognostic Significance and Clinical Utility of Intraventricular Conduction Delays on the Preoperative Electrocardiogram. American Journal of Cardiology, 2018, 121, 997-1003.	0.7	4
59	Phenotype risk scores identify patients with unrecognized Mendelian disease patterns. Science, 2018, 359, 1233-1239.	6.0	164
60	Nicotine Metabolism-informed Care for Smoking Cessation: A Pilot Precision RCT. Nicotine and Tobacco Research, 2018, 20, 1489-1496.	1.4	17
61	Response to Letter to the Editor: Psychiatric Disease Among Patients with Takotsubo Syndrome. Psychosomatics, 2018, 59, 102.	2.5	2
62	Varicose Veins Reach New Heights. Circulation, 2018, 138, 2881-2883.	1.6	6
63	Frequency and phenotype consequence of APOC3 rare variants in patients with very low triglyceride levels. BMC Medical Genomics, 2018, 11, 66.	0.7	5
64	Features Associated With Discordance Between Pulmonary Arterial Wedge Pressure and Left Ventricular End Diastolic Pressure in Clinical Practice. Chest, 2018, 154, 1099-1107.	0.4	29
65	A study paradigm integrating prospective epidemiologic cohorts and electronic health records to identify disease biomarkers. Nature Communications, 2018, 9, 3522.	5.8	13
66	Lack of a Tricuspid Regurgitation Doppler Signal and Pulmonary Hypertension by Invasive Measurement. Journal of the American Heart Association, 2018, 7, .	1.6	53
67	B-Type Natriuretic Peptide Levels andÂMortality in Patients With and Without Heart Failure. Journal of the American College of Cardiology, 2018, 71, 2079-2088.	1.2	99
68	Racial differences in patients referred for right heart catheterization and risk of pulmonary hypertension. Pulmonary Circulation, 2018, 8, 1-9.	0.8	17
69	Multi-ethnic genome-wide association study for atrial fibrillation. Nature Genetics, 2018, 50, 1225-1233.	9.4	552
70	Bid maintains mitochondrial cristae structure and function and protects against cardiac disease in an integrative genomics study. ELife, 2018, 7, .	2.8	19
71	Hi-MC: a novel method for high-throughput mitochondrial haplogroup classification. PeerJ, 2018, 6, e5149.	0.9	9
72	Temperature variability during targeted temperature management is not associated with neurological outcomes following cardiac arrest. American Journal of Emergency Medicine, 2017, 35, 889-892.	0.7	10

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73	Relation of Obstructive Sleep Apnea and a Common Variant at Chromosome 4q25 to Atrial Fibrillation. American Journal of Cardiology, 2017, 119, 1387-1391.	0.7	6
74	Pre-existing Psychiatric Illness is Associated With Increased Risk of Recurrent Takotsubo Cardiomyopathy. Psychosomatics, 2017, 58, 527-532.	2.5	43
75	Investigating the Genetic Architecture of the PR Interval Using Clinical Phenotypes. Circulation: Cardiovascular Genetics, 2017, 10, .	5.1	8
76	Pre-existing medical comorbidity is not associated with neurological outcomes in patients undergoing targeted temperature management following cardiac arrest. Heart and Vessels, 2017, 32, 1358-1363.	0.5	4
77	Prognostic Significance of Early Rehospitalization After Takotsubo Cardiomyopathy. American Journal of Cardiology, 2017, 119, 1572-1575.	0.7	5
78	Prognostic Effect and Longitudinal Hemodynamic Assessment of Borderline Pulmonary Hypertension. JAMA Cardiology, 2017, 2, 1361.	3.0	122
79	Temporal Pattern and Prognostic Significance of Hypokalemia in Patients Undergoing Targeted Temperature Management Following Cardiac Arrest. American Journal of Cardiology, 2017, 120, 1110-1113.	0.7	8
80	Pulmonary hypertension in patients with chronic kidney disease: invasive hemodynamic etiology and outcomes. Pulmonary Circulation, 2017, 7, 674-683.	0.8	40
81	Genome-wide association and pathway analysis of left ventricular function after anthracycline exposure in adults. Pharmacogenetics and Genomics, 2017, 27, 247-254.	0.7	54
82	Faculty Development on Clinical Teaching Skills: An Effective Model for the Busy Clinician. Journal of Medical Education and Curricular Development, 2016, 3, JMECD.S40798.	0.7	12
83	Clinical and Biological Insights Into Combined Post- and Pre-Capillary Pulmonary Hypertension. Journal of the American College of Cardiology, 2016, 68, 2525-2536.	1.2	160
84	Hemodynamic Evidence of Vascular Remodeling in Combined Postâ€•and Precapillary Pulmonary Hypertension. Pulmonary Circulation, 2016, 6, 313-321.	0.8	38
85	Defining a Contemporary Ischemic Heart Disease Genetic Risk Profile Using Historical Data. Circulation: Cardiovascular Genetics, 2016, 9, 521-530.	5.1	7
86	Long QT Syndrome and Potentially Pathogenic Genetic Variantsâ€”In Reply. JAMA - Journal of the American Medical Association, 2016, 315, 2467.	3.8	5
87	Association of Arrhythmia-Related Genetic Variants With Phenotypes Documented in Electronic Medical Records. JAMA - Journal of the American Medical Association, 2016, 315, 47.	3.8	148
88	A genome-wide association study of heparin-induced thrombocyto - penia using an electronic medical record. Thrombosis and Haemostasis, 2015, 113, 772-781.	1.8	49
89	Phenotype-Driven Plasma Biobanking Strategies and Methods. Journal of Personalized Medicine, 2015, 5, 140-152.	1.1	15
90	Racial Differences in Circulating Natriuretic Peptide Levels: The Atherosclerosis Risk in Communities Study. Journal of the American Heart Association, 2015, 4, .	1.6	53

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91	A Robust e-Epidemiology Tool in Phenotyping Heart Failure with Differentiation for Preserved and Reduced Ejection Fraction: the Electronic Medical Records and Genomics (eMERGE) Network. Journal of Cardiovascular Translational Research, 2015, 8, 475-483.	1.1	44
92	Vitamin D Deficiency and Heart Failure Risk. JACC: Heart Failure, 2015, 3, 357-359.	1.9	5
93	Extraction of echocardiographic data from the electronic medical record is a rapid and efficient method for study of cardiac structure and function. Journal of Clinical Bioinformatics, 2014, 4, 12.	1.2	25
94	Biobanks and Electronic Medical Records: Enabling Cost-Effective Research. Science Translational Medicine, 2014, 6, 234cm3.	5.8	118
95	Exome Sequencing Implicates an Increased Burden of Rare Potassium Channel Variants in the Risk of Drug-Induced Long QT Interval Syndrome. Journal of the American College of Cardiology, 2014, 63, 1430-1437.	1.2	70
96	Integrating EMR-Linked and In Vivo Functional Genetic Data to Identify New Genotype-Phenotype Associations. PLoS ONE, 2014, 9, e100322.	1.1	4
97	Whole Exome Sequencing Identifies a Causal RBM20 Mutation in a Large Pedigree With Familial Dilated Cardiomyopathy. Circulation: Cardiovascular Genetics, 2013, 6, 317-326.	5.1	57
98	QT variability during initial exposure to sotalol: experience based on a large electronic medical record. Europace, 2013, 15, 1791-1797.	0.7	19
99	Use of an Antibacterial Envelope is Associated with Reduced Cardiac Implantable Electronic Device Infections in Highâ€Risk Patients. PACE - Pacing and Clinical Electrophysiology, 2013, 36, 354-361.	0.5	72
100	Mechanistic Phenotypes: An Aggregative Phenotyping Strategy to Identify Disease Mechanisms Using GWAS Data. PLoS ONE, 2013, 8, e81503.	1.1	15
101	Genetic determinants of response to cardiovascular drugs. Current Opinion in Cardiology, 2012, 27, 253-261.	0.8	14
102	Implementation of a Standardized Pathway for the Treatment of Cardiac Arrest Patients Using Therapeutic Hypothermia. Critical Pathways in Cardiology, 2012, 11, 91-98.	0.2	13
103	HERITABLE PULMONARY ARTERIAL HYPERTENSION IS ASSOCIATED WITH WORSE PULMONARY CAPACITANCE AND RIGHT VENTRICULAR STROKE WORK INDEX COMPARED TO IDIOPATHIC PULMONARY ARTERIAL HYPERTENSION. Journal of the American College of Cardiology, 2012, 59, E1600.	1.2	0
104	Familial Dilated Cardiomyopathy Associated with Congenital Defects in the Setting of a Novel VCL Mutation (Lys815Arg) in Conjunction with a Known MYPBC3 Variant. Neurology International, 2011, 1, e10.	0.2	17
105	Familial Evaluation for Diagnosis of Arrhythmogenic Right Ventricular Dysplasia. Cardiology, 2011, 119, 47-53.	0.6	5
106	Reversibility of Left Ventricular Dysfunction Resulting from Chemotherapy: Can This Be Expected?. Progress in Cardiovascular Diseases, 2010, 53, 140-148.	1.6	39
107	Sotalol-induced torsades de pointes precipitated during treatment with oseltamivir for H1N1 influenza. Heart Rhythm, 2010, 7, 1454-1457.	0.3	14
108	Sex Differences in Medical Care and Early Death After Acute Myocardial Infarction. Circulation, 2008, 118, 2803-2810.	1.6	455

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109	Association of Kidney Comorbidities and Acute Kidney Failure With Unfavorable Outcomes After COVID-19 in Individuals With the Sickle Cell Trait. JAMA Internal Medicine, 0, , .	2.6	15