

# Sharlene M Day

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

68 papers	2,205 citations	24 h-index	46 g-index
84 ext. papers	3,081 ext. citations	10.1 avg, IF	4.75 L-index

#	Paper	IF	Citations
68	Macrovascular thrombosis is driven by tissue factor derived primarily from the blood vessel wall. <i>Blood</i> , <b>2005</b> , 105, 192-8	2.2	244
67	Genotype and Lifetime Burden of Disease in Hypertrophic Cardiomyopathy: Insights from the Sarcomeric Human Cardiomyopathy Registry (SHaRe). <i>Circulation</i> , <b>2018</b> , 138, 1387-1398	16.7	210
66	Ubiquitin proteasome dysfunction in human hypertrophic and dilated cardiomyopathies. <i>Circulation</i> , <b>2010</b> , 121, 997-1004	16.7	173
65	Chronic iron administration increases vascular oxidative stress and accelerates arterial thrombosis. <i>Circulation</i> , <b>2003</b> , 107, 2601-6	16.7	137
64	Effect of Moderate-Intensity Exercise Training on Peak Oxygen Consumption in Patients With Hypertrophic Cardiomyopathy: A Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , <b>2017</b> , 317, 1349-1357	27.4	107
63	Histidine button engineered into cardiac troponin I protects the ischemic and failing heart. <i>Nature Medicine</i> , <b>2006</b> , 12, 181-9	50.5	94
62	2020 AHA/ACC Guideline for the Diagnosis and Treatment of Patients With Hypertrophic Cardiomyopathy: A Report of the American College of Cardiology/American Heart Association Joint Committee on Clinical Practice Guidelines. <i>Circulation</i> , <b>2020</b> , 142, e558-e631	16.7	77
61	Multidimensional structure-function relationships in human cardiac myosin from population-scale genetic variation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 6701-6	11.5	68
60	Myosin Sequestration Regulates Sarcomere Function, Cardiomyocyte Energetics, and Metabolism, Informing the Pathogenesis of Hypertrophic Cardiomyopathy. <i>Circulation</i> , <b>2020</b> , 141, 828-842	16.7	66
59	Genetic Testing for Inherited Cardiovascular Diseases: A Scientific Statement From the American Heart Association. <i>Circulation Genomic and Precision Medicine</i> , <b>2020</b> , 13, e000067	5.2	59
58	Sarcomere mutation-specific expression patterns in human hypertrophic cardiomyopathy. <i>Circulation: Cardiovascular Genetics</i> , <b>2014</b> , 7, 434-43		58
57	Quantitative approaches to variant classification increase the yield and precision of genetic testing in Mendelian diseases: the case of hypertrophic cardiomyopathy. <i>Genome Medicine</i> , <b>2019</b> , 11, 5	14.4	54
56	Genotype-Dependent and -Independent Calcium Signaling Dysregulation in Human Hypertrophic Cardiomyopathy. <i>Circulation</i> , <b>2016</b> , 134, 1738-1748	16.7	50
55	Role of Genetic Testing in Inherited Cardiovascular Disease: A Review. <i>JAMA Cardiology</i> , <b>2017</b> , 2, 1153-1160	16.2	45
54	Hypertrophic Cardiomyopathy With Left Ventricular Systolic Dysfunction: Insights From the SHaRe Registry. <i>Circulation</i> , <b>2020</b> , 141, 1371-1383	16.7	43
53	Supercomputing for the parallelization of whole genome analysis. <i>Bioinformatics</i> , <b>2014</b> , 30, 1508-13	7.2	41
52	The Burden of Early Phenotypes and the Influence of Wall Thickness in Hypertrophic Cardiomyopathy Mutation Carriers: Findings From the HCMNet Study. <i>JAMA Cardiology</i> , <b>2017</b> , 2, 419-428	16.2	35

51	Complement Destabilizes Cardiomyocyte Function In Vivo after Polymicrobial Sepsis and In Vitro. <i>Journal of Immunology</i> , <b>2016</b> , 197, 2353-61	5.3	35
50	Impaired assembly and post-translational regulation of 26S proteasome in human end-stage heart failure. <i>Circulation: Heart Failure</i> , <b>2013</b> , 6, 544-9	7.6	35
49	Tuning cardiac performance in ischemic heart disease and failure by modulating myofilament function. <i>Journal of Molecular Medicine</i> , <b>2007</b> , 85, 911-21	5.5	31
48	Proinflammatory effects of interferon gamma in mouse adenovirus 1 myocarditis. <i>Journal of Virology</i> , <b>2015</b> , 89, 468-79	6.6	28
47	Care in Specialized Centers and Data Sharing Increase Agreement in Hypertrophic Cardiomyopathy Genetic Test Interpretation. <i>Circulation: Cardiovascular Genetics</i> , <b>2017</b> , 10,		27
46	Deficient cMyBP-C protein expression during cardiomyocyte differentiation underlies human hypertrophic cardiomyopathy cellular phenotypes in disease specific human ES cell derived cardiomyocytes. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2016</b> , 99, 197-206	5.8	25
45	MYBPC3 truncation mutations enhance actomyosin contractile mechanics in human hypertrophic cardiomyopathy. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2019</b> , 127, 165-173	5.8	24
44	17- $\beta$ -Estradiol ameliorates age-associated sarcopenia and improves late-life physical function in male mice but not in females or castrated males. <i>Aging Cell</i> , <b>2019</b> , 18, e12920	9.9	23
43	Cardiac risks associated with marathon running. <i>Sports Health</i> , <b>2010</b> , 2, 301-6	4.7	23
42	Association of Race With Disease Expression and Clinical Outcomes Among Patients With Hypertrophic Cardiomyopathy. <i>JAMA Cardiology</i> , <b>2020</b> , 5, 83-91	16.2	23
41	Left Atrial structure and function in hypertrophic cardiomyopathy sarcomere mutation carriers with and without left ventricular hypertrophy. <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2017</b> , 19, 107	6.9	22
40	Epidemiology and Clinical Aspects of Genetic Cardiomyopathies. <i>Heart Failure Clinics</i> , <b>2018</b> , 14, 119-128	3.3	22
39	Genetic testing impacts the utility of prospective familial screening in hypertrophic cardiomyopathy through identification of a nonfamilial subgroup. <i>Genetics in Medicine</i> , <b>2018</b> , 20, 69-75	8.1	21
38	Incident Atrial Fibrillation Is Associated With MYH7 Sarcomeric Gene Variation in Hypertrophic Cardiomyopathy. <i>Circulation: Heart Failure</i> , <b>2018</b> , 11, e005191	7.6	21
37	Exercise and Hypertrophic Cardiomyopathy: Time for a Change of Heart. <i>Circulation</i> , <b>2018</b> , 137, 419-421	16.7	20
36	Effects of MYBPC3 loss-of-function mutations preceding hypertrophic cardiomyopathy. <i>JCI Insight</i> , <b>2020</b> , 5,	9.9	20
35	Clinical characteristics and outcomes in childhood-onset hypertrophic cardiomyopathy. <i>European Heart Journal</i> , <b>2021</b> , 42, 1988-1996	9.5	20
34	Spatial and Functional Distribution of Pathogenic Variants and Clinical Outcomes in Patients With Hypertrophic Cardiomyopathy. <i>Circulation Genomic and Precision Medicine</i> , <b>2020</b> , 13, 396-405	5.2	19

33	Allelic imbalance and haploinsufficiency in MYBPC3-linked hypertrophic cardiomyopathy. <i>Pflugers Archiv European Journal of Physiology</i> , <b>2019</b> , 471, 781-793	4.6	17
32	Women Representation Among Cardiology Journal Editorial Boards. <i>Circulation</i> , <b>2020</b> , 141, 603-605	16.7	16
31	Temporal Trend of Age at Diagnosis in Hypertrophic Cardiomyopathy: An Analysis of the International Sarcomeric Human Cardiomyopathy Registry. <i>Circulation: Heart Failure</i> , <b>2020</b> , 13, e007230	7.6	16
30	Differential protein expression and basal lamina remodeling in human heart failure. <i>Proteomics - Clinical Applications</i> , <b>2016</b> , 10, 585-96	3.1	16
29	Interferon-dependent immunoproteasome activity during mouse adenovirus type 1 infection. <i>Virology</i> , <b>2016</b> , 498, 57-68	3.6	15
28	Biomarkers of cardiovascular stress and fibrosis in preclinical hypertrophic cardiomyopathy. <i>Open Heart</i> , <b>2017</b> , 4, e000615	3	15
27	Sports and Exercise in Athletes with Hypertrophic Cardiomyopathy. <i>Clinics in Sports Medicine</i> , <b>2015</b> , 34, 489-505	2.6	14
26	Exercise in hypertrophic cardiomyopathy. <i>Journal of Cardiovascular Translational Research</i> , <b>2009</b> , 2, 407-413	14.3	12
25	Associations Between Female Sex, Sarcomere Variants, and Clinical Outcomes in Hypertrophic Cardiomyopathy. <i>Circulation Genomic and Precision Medicine</i> , <b>2021</b> , 14, e003062	5.2	10
24	Worldwide differences in primary prevention implantable cardioverter defibrillator utilization and outcomes in hypertrophic cardiomyopathy. <i>European Heart Journal</i> , <b>2021</b> , 42, 3932-3944	9.5	6
23	Acarbose has sex-dependent and -independent effects on age-related physical function, cardiac health, and lipid biology. <i>JCI Insight</i> , <b>2020</b> , 5,	9.9	5
22	External validation of the HCM Risk-Kids model for predicting sudden cardiac death in childhood hypertrophic cardiomyopathy. <i>European Journal of Preventive Cardiology</i> , <b>2021</b> ,	3.9	5
21	Discordant clinical features of identical hypertrophic cardiomyopathy twins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	5
20	Whole-Exome Sequencing Reveals and Mutations as a Potential Digenic Cause of Left Ventricular Noncompaction. <i>Circulation Genomic and Precision Medicine</i> , <b>2018</b> , 11, e001966	5.2	4
19	Exercise hemodynamics in hypertrophic cardiomyopathy identify risk of incident heart failure but not ventricular arrhythmias or sudden cardiac death. <i>International Journal of Cardiology</i> , <b>2019</b> , 274, 226-231	3.2	4
18	Genetic engineering and therapy for inherited and acquired cardiomyopathies. <i>Annals of the New York Academy of Sciences</i> , <b>2006</b> , 1080, 437-50	6.5	4
17	Combined Effect of Mediterranean Diet and Aerobic Exercise on Weight Loss and Clinical Status in Obese Symptomatic Patients with Hypertrophic Cardiomyopathy. <i>Heart Failure Clinics</i> , <b>2021</b> , 17, 303-313	3.3	4
16	Exercise Prescription for the Athlete with Cardiomyopathy. <i>Cardiology Clinics</i> , <b>2016</b> , 34, 591-601	2.5	4

15	Disease-specific variant pathogenicity prediction significantly improves variant interpretation in inherited cardiac conditions. <i>Genetics in Medicine</i> , <b>2021</b> , 23, 69-79	8.1	4
14	Nonobstructive Hypertrophic Cardiomyopathy-The High-Hanging Fruit. <i>JAMA Cardiology</i> , <b>2019</b> , 4, 235-236	16.2	3
13	Computational prediction of protein subdomain stability in MYBPC3 enables clinical risk stratification in hypertrophic cardiomyopathy and enhances variant interpretation. <i>Genetics in Medicine</i> , <b>2021</b> , 23, 1281-1287	8.1	3
12	Myosin modulators: emerging approaches for the treatment of cardiomyopathies and heart failure.. <i>Journal of Clinical Investigation</i> , <b>2022</b> , 132,	15.9	3
11	Response by Ho et al to Letter Regarding Article, "Genotype and Lifetime Burden of Disease in Hypertrophic Cardiomyopathy: Insights From the Sarcomeric Human Cardiomyopathy Registry (SHaRe)". <i>Circulation</i> , <b>2019</b> , 139, 1559-1560	16.7	2
10	Genomic Context Differs Between Human Dilated Cardiomyopathy and Hypertrophic Cardiomyopathy. <i>Journal of the American Heart Association</i> , <b>2021</b> , 10, e019944	6	2
9	Cardiac Myosin Binding Protein-C Autoantibodies are Potential Early Indicators of Cardiac Dysfunction and Patient Outcome in Acute Coronary Syndrome. <i>JACC Basic To Translational Science</i> , <b>2017</b> , 2, 122-131	8.7	1
8	Exercise for Patients With Hypertrophic Cardiomyopathy-Reply. <i>JAMA - Journal of the American Medical Association</i> , <b>2017</b> , 318, 481-482	27.4	1
7	Sex-Related Differences in Genetic Cardiomyopathies.. <i>Journal of the American Heart Association</i> , <b>2022</b> , e024947	6	1
6	Defects in the Proteome and Metabolome in Human Hypertrophic Cardiomyopathy.. <i>Circulation: Heart Failure</i> , <b>2022</b> , CIRCHEARTFAILURE121009521	7.6	1
5	A Parallel Need for Cardiovascular Care for Female Carriers of Duchenne and Becker Muscular Dystrophy.. <i>Journal of Cardiac Failure</i> , <b>2022</b> ,	3.3	1
4	Translation of New and Emerging Therapies for Genetic Cardiomyopathies.. <i>JACC Basic To Translational Science</i> , <b>2022</b> , 7, 70-83	8.7	0
3	Response by Saberi and Day to Letter Regarding Article, "Exercise and Hypertrophic Cardiomyopathy: Time for a Change of Heart". <i>Circulation</i> , <b>2018</b> , 138, 333-334	16.7	
2	Hypertrophic Cardiomyopathy106-115		
1	Response to Suay-Corredera et al. <i>Genetics in Medicine</i> , <b>2021</b> , 23, 2011-2012	8.1	