

# Thomas G Gillette

## List of Publications by Year in descending order

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Version: 2024-02-01

43  
papers

3,824  
citations

201385

27  
h-index

276539

41  
g-index

44  
all docs

44  
docs citations

44  
times ranked

5831  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nitrosative stress drives heart failure with preserved ejection fraction. <i>Nature</i> , 2019, 568, 351-356.	13.7	492
2	Histone deacetylase (HDAC) inhibitors attenuate cardiac hypertrophy by suppressing autophagy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 4123-4128.	3.3	360
3	Spliced X-Box Binding Protein 1 Couples the Unfolded Protein Response to Hexosamine Biosynthetic Pathway. <i>Cell</i> , 2014, 156, 1179-1192.	13.5	317
4	Doxorubicin Blocks Cardiomyocyte Autophagic Flux by Inhibiting Lysosome Acidification. <i>Circulation</i> , 2016, 133, 1668-1687.	1.6	316
5	Histone Deacetylase Inhibition Blunts Ischemia/Reperfusion Injury by Inducing Cardiomyocyte Autophagy. <i>Circulation</i> , 2014, 129, 1139-1151.	1.6	291
6	Metabolic stressâ€“induced activation of FoxO1 triggers diabetic cardiomyopathy in mice. <i>Journal of Clinical Investigation</i> , 2012, 122, 1109-1118.	3.9	274
7	Readers, Writers, and Erasers. <i>Circulation Research</i> , 2015, 116, 1245-1253.	2.0	183
8	Physical and functional association of RNA polymerase II and the proteasome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 5904-5909.	3.3	141
9	Differential Roles of the COOH Termini of AAA Subunits of PA700 (19 S Regulator) in Asymmetric Assembly and Activation of the 26 S Proteasome. <i>Journal of Biological Chemistry</i> , 2008, 283, 31813-31822.	1.6	134
10	Endoplasmic Reticulum Chaperone GRP78 Protects Heart From Ischemia/Reperfusion Injury Through Akt Activation. <i>Circulation Research</i> , 2018, 122, 1545-1554.	2.0	113
11	Fibroblast Primary Cilia Are Required for Cardiac Fibrosis. <i>Circulation</i> , 2019, 139, 2342-2357.	1.6	101
12	NAD <sup>+</sup> Repletion Reverses Heart Failure With Preserved Ejection Fraction. <i>Circulation Research</i> , 2021, 128, 1629-1641.	2.0	96
13	Distinct functions of the ubiquitinâ€“proteasome pathway influence nucleotide excision repair. <i>EMBO Journal</i> , 2006, 25, 2529-38.	3.5	74
14	Polycystin-1 Is a Cardiomyocyte Mechanosensor That Governs L-Type Ca <sup>2+</sup> Channel Protein Stability. <i>Circulation</i> , 2015, 131, 2131-2142.	1.6	71
15	Inhibition of class I histone deacetylases blunts cardiac hypertrophy through TSC2-dependent mTOR repression. <i>Science Signaling</i> , 2016, 9, ra34.	1.6	69
16	Xbp1s-FoxO1 axis governs lipid accumulation and contractile performance in heart failure with preserved ejection fraction. <i>Nature Communications</i> , 2021, 12, 1684.	5.8	59
17	Chronic activation of hexosamine biosynthesis in the heart triggers pathological cardiac remodeling. <i>Nature Communications</i> , 2020, 11, 1771.	5.8	58
18	The unfolded protein response in ischemic heart disease. <i>Journal of Molecular and Cellular Cardiology</i> , 2018, 117, 19-25.	0.9	55

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19	Epigenetic Reader BRD4 (Bromodomain-Containing Protein 4) Governs Nucleus-Encoded Mitochondrial Transcriptome to Regulate Cardiac Function. <i>Circulation</i> , 2020, 142, 2356-2370.	1.6	47
20	Female Sex Is Protective in a Preclinical Model of Heart Failure With Preserved Ejection Fraction. <i>Circulation</i> , 2019, 140, 1769-1771.	1.6	43
21	Lactate Dehydrogenase A Governs Cardiac Hypertrophic Growth in Response to Hemodynamic Stress. <i>Cell Reports</i> , 2020, 32, 108087.	2.9	43
22	Spliced X-box Binding Protein 1 Stimulates Adaptive Growth Through Activation of mTOR. <i>Circulation</i> , 2019, 140, 566-579.	1.6	40
23	Integrated Stress Response Couples Mitochondrial Protein Translation With Oxidative Stress Control. <i>Circulation</i> , 2021, 144, 1500-1515.	1.6	39
24	Cardiomyocyte-derived small extracellular vesicles can signal eNOS activation in cardiac microvascular endothelial cells to protect against Ischemia/Reperfusion injury. <i>Theranostics</i> , 2020, 10, 11754-11774.	4.6	37
25	Polycystin-2-dependent control of cardiomyocyte autophagy. <i>Journal of Molecular and Cellular Cardiology</i> , 2018, 118, 110-121.	0.9	32
26	Glucose-regulated protein 78 is essential for cardiac myocyte survival. <i>Cell Death and Differentiation</i> , 2018, 25, 2181-2194.	5.0	30
27	Cooperative Binding of ETS2 and NFAT Links Erk1/2 and Calcineurin Signaling in the Pathogenesis of Cardiac Hypertrophy. <i>Circulation</i> , 2021, 144, 34-51.	1.6	30
28	Unfolded Protein Response as a Therapeutic Target in Cardiovascular Disease. <i>Current Topics in Medicinal Chemistry</i> , 2019, 19, 1902-1917.	1.0	29
29	Polycystin-1 Assembles With Kv Channels to Govern Cardiomyocyte Repolarization and Contractility. <i>Circulation</i> , 2019, 140, 921-936.	1.6	28
30	Activation of Autophagic Flux Blunts Cardiac Ischemia/Reperfusion Injury. <i>Circulation Research</i> , 2021, 129, 435-450.	2.0	28
31	Immunometabolic mechanisms of heart failure with preserved ejection fraction. , 2022, 1, 211-222.		27
32	FoxO1â€“Dio2 signaling axis governs cardiomyocyte thyroid hormone metabolism and hypertrophic growth. <i>Nature Communications</i> , 2020, 11, 2551.	5.8	26
33	ATF4 Protects the Heart From Failure by Antagonizing Oxidative Stress. <i>Circulation Research</i> , 2022, 131, 91-105.	2.0	26
34	PKM1 Exerts Critical Roles in Cardiac Remodeling Under Pressure Overload in the Heart. <i>Circulation</i> , 2021, 144, 712-727.	1.6	23
35	Temporal dynamics of cardiac hypertrophic growth in response to pressure overload. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017, 313, H1119-H1129.	1.5	18
36	GRP78 (Glucose-Regulated Protein of 78 kDa) Promotes Cardiomyocyte Growth Through Activation of GATA4 (GATA-Binding Protein 4). <i>Hypertension</i> , 2019, 73, 390-398.	1.3	18

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37	HDAC Inhibition in the Heart. <i>Circulation</i> , 2021, 143, 1891-1893.	1.6	17
38	Remodeling of substrate consumption in the murine sTAC model of heart failure. <i>Journal of Molecular and Cellular Cardiology</i> , 2019, 134, 144-153.	0.9	16
39	Pharmacological Priming of Adipose-Derived Stem Cells Promotes Myocardial Repair. <i>Journal of Investigative Medicine</i> , 2016, 64, 50-62.	0.7	9
40	Fli1 Promotes Vascular Morphogenesis by Regulating Endothelial Potential of Multipotent Myogenic Progenitors. <i>Circulation Research</i> , 2021, 129, 949-964.	2.0	5
41	Inhibition of Jumonji demethylases reprograms severe dilated cardiomyopathy and prolongs survival. <i>Journal of Biological Chemistry</i> , 2022, 298, 101515.	1.6	5
42	Impaired AMP-Activated Protein Kinase Signaling in Heart Failure With Preserved Ejection Fraction Associated Atrial Fibrillation. <i>Circulation</i> , 2022, 146, 73-76.	1.6	4
43	Abstract 14412: Activation of Autophagic Flux Maintains Mitochondrial Homeostasis During Cardiac Ischemia/reperfusion Injury. <i>Circulation</i> , 2020, 142, .	1.6	0