Thomas G Gillette

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Nitrosative stress drives heart failure with preserved ejection fraction. Nature, 2019, 568, 351-356.	27.8	492
2	Histone deacetylase (HDAC) inhibitors attenuate cardiac hypertrophy by suppressing autophagy. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 4123-4128.	7.1	360
3	Spliced X-Box Binding Protein 1 Couples the Unfolded Protein Response to Hexosamine Biosynthetic Pathway. Cell, 2014, 156, 1179-1192.	28.9	317
4	Doxorubicin Blocks Cardiomyocyte Autophagic Flux by Inhibiting Lysosome Acidification. Circulation, 2016, 133, 1668-1687.	1.6	316
5	Histone Deacetylase Inhibition Blunts Ischemia/Reperfusion Injury by Inducing Cardiomyocyte Autophagy. Circulation, 2014, 129, 1139-1151.	1.6	291
6	Metabolic stress–induced activation of FoxO1 triggers diabetic cardiomyopathy in mice. Journal of Clinical Investigation, 2012, 122, 1109-1118.	8.2	274
7	Readers, Writers, and Erasers. Circulation Research, 2015, 116, 1245-1253.	4.5	183
8	Physical and functional association of RNA polymerase II and the proteasome. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 5904-5909.	7.1	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. Journal of Biological Chemistry, 2008, 283, 31813-31822.	3.4	134
10	Endoplasmic Reticulum Chaperone GRP78 Protects Heart From Ischemia/Reperfusion Injury Through Akt Activation. Circulation Research, 2018, 122, 1545-1554.	4.5	113
11	Fibroblast Primary Cilia Are Required for Cardiac Fibrosis. Circulation, 2019, 139, 2342-2357.	1.6	101
12	NAD ⁺ Repletion Reverses Heart Failure With Preserved Ejection Fraction. Circulation Research, 2021, 128, 1629-1641.	4.5	96
13	Distinct functions of the ubiquitin–proteasome pathway influence nucleotide excision repair. EMBO Journal, 2006, 25, 2529-38.	7.8	74
14	Polycystin-1 Is a Cardiomyocyte Mechanosensor That Governs L-Type Ca ²⁺ Channel Protein Stability. Circulation, 2015, 131, 2131-2142.	1.6	71
15	Inhibition of class I histone deacetylases blunts cardiac hypertrophy through TSC2-dependent mTOR repression. Science Signaling, 2016, 9, ra34.	3.6	69
16	Xbp1s-FoxO1 axis governs lipid accumulation and contractile performance in heart failure with preserved ejection fraction. Nature Communications, 2021, 12, 1684.	12.8	59
17	Chronic activation of hexosamine biosynthesis in the heart triggers pathological cardiac remodeling. Nature Communications, 2020, 11, 1771.	12.8	58
18	The unfolded protein response in ischemic heart disease. Journal of Molecular and Cellular Cardiology, 2018, 117, 19-25.	1.9	55

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19	Epigenetic Reader BRD4 (Bromodomain-Containing Protein 4) Governs Nucleus-Encoded Mitochondrial Transcriptome to Regulate Cardiac Function. Circulation, 2020, 142, 2356-2370.	1.6	47
20	Female Sex Is Protective in a Preclinical Model of Heart Failure With Preserved Ejection Fraction. Circulation, 2019, 140, 1769-1771.	1.6	43
21	Lactate Dehydrogenase A Governs Cardiac Hypertrophic Growth in Response to Hemodynamic Stress. Cell Reports, 2020, 32, 108087.	6.4	43
22	Spliced X-box Binding Protein 1 Stimulates Adaptive Growth Through Activation of mTOR. Circulation, 2019, 140, 566-579.	1.6	40
23	Integrated Stress Response Couples Mitochondrial Protein Translation With Oxidative Stress Control. Circulation, 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. Theranostics, 2020, 10, 11754-11774.	10.0	37
25	Polycystin-2-dependent control of cardiomyocyte autophagy. Journal of Molecular and Cellular Cardiology, 2018, 118, 110-121.	1.9	32
26	Glucose-regulated protein 78 is essential for cardiac myocyte survival. Cell Death and Differentiation, 2018, 25, 2181-2194.	11.2	30
27	Cooperative Binding of ETS2 and NFAT Links Erk1/2 and Calcineurin Signaling in the Pathogenesis of Cardiac Hypertrophy. Circulation, 2021, 144, 34-51.	1.6	30
28	Unfolded Protein Response as a Therapeutic Target in Cardiovascular Disease. Current Topics in Medicinal Chemistry, 2019, 19, 1902-1917.	2.1	29
29	Polycystin-1 Assembles With Kv Channels to Govern Cardiomyocyte Repolarization and Contractility. Circulation, 2019, 140, 921-936.	1.6	28
30	Activation of Autophagic Flux Blunts Cardiac Ischemia/Reperfusion Injury. Circulation Research, 2021, 129, 435-450.	4.5	28
31	Immunometabolic mechanisms of heart failure with preserved ejection fraction. , 2022, 1, 211-222.		27
32	FoxO1–Dio2 signaling axis governs cardiomyocyte thyroid hormone metabolism and hypertrophic growth. Nature Communications, 2020, 11, 2551.	12.8	26
33	ATF4 Protects the Heart From Failure by Antagonizing Oxidative Stress. Circulation Research, 2022, 131, 91-105.	4.5	26
34	PKM1 Exerts Critical Roles in Cardiac Remodeling Under Pressure Overload in the Heart. Circulation, 2021, 144, 712-727.	1.6	23
35	Temporal dynamics of cardiac hypertrophic growth in response to pressure overload. American Journal of Physiology - Heart and Circulatory Physiology, 2017, 313, H1119-H1129.	3.2	18
36	GRP78 (Glucose-Regulated Protein of 78 kDa) Promotes Cardiomyocyte Growth Through Activation of GATA4 (GATA-Binding Protein 4). Hypertension, 2019, 73, 390-398.	2.7	18

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37	HDAC Inhibition in the Heart. Circulation, 2021, 143, 1891-1893.	1.6	17
38	Remodeling of substrate consumption in the murine sTAC model of heart failure. Journal of Molecular and Cellular Cardiology, 2019, 134, 144-153.	1.9	16
39	Pharmacological Priming of Adipose-Derived Stem Cells Promotes Myocardial Repair. Journal of Investigative Medicine, 2016, 64, 50-62.	1.6	9
40	Fli1 Promotes Vascular Morphogenesis by Regulating Endothelial Potential of Multipotent Myogenic Progenitors. Circulation Research, 2021, 129, 949-964.	4.5	5
41	Inhibition of Jumonji demethylases reprograms severe dilated cardiomyopathy and prolongs survival. Journal of Biological Chemistry, 2022, 298, 101515.	3.4	5
42	Impaired AMP-Activated Protein Kinase Signaling in Heart Failure With Preserved Ejection Fraction–Associated Atrial Fibrillation. Circulation, 2022, 146, 73-76.	1.6	4
43	Abstract 14412: Activation of Autophagic Flux Maintains Mitochondrial Homeostasis During Cardiac Ischemia/reperfusion Injury. Circulation, 2020, 142, .	1.6	Ο