

Benjamin D Canan

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

626
citations

759233

12
h-index

580821

25
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28
all docs

28
docs citations

28
times ranked

1164
citing authors

#	ARTICLE	IF	CITATIONS
1	In Vivo Genome Editing Restores Dystrophin Expression and Cardiac Function in Dystrophic Mice. <i>Circulation Research</i> , 2017, 121, 923-929.	4.5	123
2	Early Treatment With Lisinopril and Spironolactone Preserves Cardiac and Skeletal Muscle in Duchenne Muscular Dystrophy Mice. <i>Circulation</i> , 2011, 124, 582-588.	1.6	122
3	Peptide-Based Inhibition of NF- κ B Rescues Diaphragm Muscle Contractile Dysfunction in a Murine Model of Duchenne Muscular Dystrophy. <i>Molecular Medicine</i> , 2011, 17, 508-515.	4.4	51
4	mdx Mice Manifest More Severe Muscle Dysfunction and Diaphragm Force Deficits than Do mdx Mice. <i>American Journal of Pathology</i> , 2011, 179, 2464-2474.	3.8	50
5	NF- κ B inhibition rescues cardiac function by remodeling calcium genes in a Duchenne muscular dystrophy model. <i>Nature Communications</i> , 2018, 9, 3431.	12.8	35
6	The Frank-Starling mechanism involves deceleration of cross-bridge kinetics and is preserved in failing human right ventricular myocardium. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 309, H2077-H2086.	3.2	32
7	Etiology-dependent impairment of relaxation kinetics in right ventricular end-stage failing human myocardium. <i>Journal of Molecular and Cellular Cardiology</i> , 2018, 121, 81-93.	1.9	28
8	Human Myocardium Has a Robust β 1-Subtype Adrenergic Receptor Inotropic Response. <i>Journal of Cardiovascular Pharmacology</i> , 2018, 72, 136-142.	1.9	24
9	Sustaining Cardiac Claudin-5 Levels Prevents Functional Hallmarks of Cardiomyopathy in a Muscular Dystrophy Mouse Model. <i>Molecular Therapy</i> , 2012, 20, 1378-1383.	8.2	19
10	Using Computer-Extracted Data from Electronic Health Records to Measure the Quality of Adolescent Well-Care. <i>Health Services Research</i> , 2014, 49, 1226-1248.	2.0	18
11	Claudin-5 levels are reduced from multiple cell types in human failing hearts and are associated with mislocalization of ephrin-B1. <i>Cardiovascular Pathology</i> , 2015, 24, 160-167.	1.6	17
12	Effects of zacopride, a moderate IK1 channel agonist, on triggered arrhythmia and contractility in human ventricular myocardium. <i>Pharmacological Research</i> , 2017, 115, 309-318.	7.1	16
13	Altered protein levels in the isolated extracellular matrix of failing human hearts with dilated cardiomyopathy. <i>Cardiovascular Pathology</i> , 2017, 26, 12-20.	1.6	14
14	Impact of etiology on force and kinetics of left ventricular end-stage failing human myocardium. <i>Journal of Molecular and Cellular Cardiology</i> , 2021, 156, 7-19.	1.9	14
15	Force-frequency relationship and early relaxation kinetics are preserved upon sarcoplasmic blockade in human myocardium. <i>Physiological Reports</i> , 2018, 6, e13898.	1.7	12
16	The force-temperature relationship in healthy and dystrophic mouse diaphragm; implications for translational study design. <i>Frontiers in Physiology</i> , 2012, 3, 422.	2.8	11
17	Insights into length-dependent regulation of cardiac cross-bridge cycling kinetics in human myocardium. <i>Archives of Biochemistry and Biophysics</i> , 2016, 601, 48-55.	3.0	10
18	Variations in Measurement of Sexual Activity Based on EHR Definitions. <i>Pediatrics</i> , 2014, 133, e1305-e1312.	2.1	7

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19	Association of Genetic Polymorphisms in the Beta-1 Adrenergic Receptor with Recovery of Left Ventricular Ejection Fraction in Patients with Heart Failure. <i>Journal of Cardiovascular Translational Research</i> , 2019, 12, 280-289.	2.4	6
20	Is It Feasible to Use Electronic Health Records for Quality Measurement of Adolescent Care?. <i>Journal for Healthcare Quality: Official Publication of the National Association for Healthcare Quality</i> , 2016, 38, 164-174.	0.7	5
21	Effect of exercise training and myocardial infarction on force development and contractile kinetics in isolated canine myocardium. <i>Journal of Applied Physiology</i> , 2016, 120, 817-824.	2.5	4
22	Increased cross-bridge recruitment contributes to transient increase in force generation beyond maximal capacity in human myocardium. <i>Journal of Molecular and Cellular Cardiology</i> , 2018, 114, 116-123.	1.9	3
23	Contraction-relaxation coupling is unaltered by exercise training and infarction in isolated canine myocardium. <i>Journal of General Physiology</i> , 2021, 153, .	1.9	3
24	Impaired adhesion of induced pluripotent stem cell-derived cardiac progenitor cells (iPSC-CPCs) to isolated extracellular matrix from failing hearts. <i>Heliyon</i> , 2018, 4, e00870.	3.2	1
25	Stretching single titin molecules from failing human hearts reveals titin's role in blunting cardiac kinetic reserve. <i>Cardiovascular Research</i> , 2020, 116, 127-137.	3.8	1
26	Response to Letter Regarding Article, "Early Treatment With Lisinopril and Spironolactone Preserves Cardiac and Skeletal Muscle in Duchenne Muscular Dystrophy Mice". <i>Circulation</i> , 2012, 125, .	1.6	0
27	Contraction and Relaxation Coupling Unaffected by Disease in Canine and Human Myocardium. <i>FASEB Journal</i> , 2018, 32, 901.6.	0.5	0
28	Stretching Single Titin Molecules from Failing Human Hearts at Cardiac Cycle Reveals Titin's Role in Cardiac Kinetic Reserve. <i>FASEB Journal</i> , 2018, 32, 903.6.	0.5	0