Carlin S Long

List of Publications by Year
in descending order

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75 papers	5,554 citations	109321 35 h-index	91884 69 g-index
76 all docs	76 docs citations	76 times ranked	7453 citing authors

#	Article	IF	Citations
1	THE CARDIAC FIBROBLAST: Therapeutic Target in Myocardial Remodeling and Failure. Annual Review of Pharmacology and Toxicology, 2005, 45, 657-687.	9.4	589
2	Chronic Pulmonary Artery Pressure Elevation Is Insufficient to Explain Right Heart Failure. Circulation, 2009, 120, 1951-1960.	1.6	445
3	Regulatory T Cells Limit Vascular Endothelial Injury and Prevent Pulmonary Hypertension. Circulation Research, 2011, 109, 867-879.	4.5	248
4	Carbon Nanotubes Promote Growth and Spontaneous Electrical Activity in Cultured Cardiac Myocytes. Nano Letters, 2012, 12, 1831-1838.	9.1	196
5	Regulation of Thyroid Hormone Receptor Isoforms in Physiological and Pathological Cardiac Hypertrophy. Circulation Research, 2001, 89, 591-598.	4.5	177
6	Prevalence of Desmin Mutations in Dilated Cardiomyopathy. Circulation, 2007, 115, 1244-1251.	1.6	176
7	Expression and Regulation of Adhesion Molecules in Cardiac Cells by Cytokines. Circulation Research, 1998, 82, 576-586.	4.5	161
8	Signaling Pathways Responsible for Fetal Gene Induction in the Failing Human Heart. Circulation, 2001, 103, 1089-1094.	1.6	122
9	Carbon Nanotubes Instruct Physiological Growth and Functionally Mature Syncytia: Nongenetic Engineering of Cardiac Myocytes. ACS Nano, 2013, 7, 5746-5756.	14.6	105
10	IL-1Î² stimulates rat cardiac fibroblast migration via MAP kinase pathways. American Journal of Physiology - Heart and Circulatory Physiology, 2007, 292, H1139-H1147.	3.2	104
11	Cardiac HDAC6 catalytic activity is induced in response to chronic hypertension. Journal of Molecular and Cellular Cardiology, 2011, 51, 41-50.	1.9	101
12	Cytokines regulate matrix metalloproteinases and migration in cardiac fibroblasts. Biochemical and Biophysical Research Communications, 2007, 362, 200-205.	2.1	96
13	The role of interleukin-1 in the failing heart. , 2001, 6, 81-94.		84
14	Thyroid Hormone Induces Cardiac Myocyte Hypertrophy in a Thyroid Hormone Receptor Î±1-Specific Manner that Requires TAK1 and p38 Mitogen-Activated Protein Kinase. Molecular Endocrinology, 2005, 19, 1618-1628.	3.7	78
15	A Î²1-adrenergic receptor CaM kinase II-dependent pathway mediates cardiac myocyte fetal gene induction. American Journal of Physiology - Heart and Circulatory Physiology, 2006, 291, H1299-H1308.	3.2	77
16	Yin Yang 1 Is Increased in Human Heart Failure and Represses the Activity of the Human Î±-Myosin Heavy Chain Promoter. Journal of Biological Chemistry, 2003, 278, 31233-31239.	3.4	76
17	Restoration of CREB function is linked to completion and stabilization of adaptive cardiac hypertrophy in response to exercise. American Journal of Physiology - Heart and Circulatory Physiology, 2007, 293, H246-H259.	3.2	75
18	Genetic evidence that thyroid hormone is indispensable for prepubertal insulin-like growth factorâ€“I expression and bone acquisition in mice. Journal of Bone and Mineral Research, 2012, 27, 1067-1079.	2.8	73

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19	Targeting cardiac fibroblasts to treat fibrosis of the heart: Focus on HDACs. Journal of Molecular and Cellular Cardiology, 2014, 70, 100-107.	1.9	72
20	Pro-inflammatory Cytokines Stimulate Mitogen-activated Protein Kinase Subfamilies, Increase Phosphorylation of c-Jun and ATF2 and Upregulate c-Jun Protein in Neonatal Rat Ventricular Myocytes. Journal of Molecular and Cellular Cardiology, 1999, 31, 2087-2099.	1.9	71
21	Caspase Inhibition Protects against Reovirus-Induced Myocardial Injury In Vitro and In Vivo. Journal of Virology, 2004, 78, 11040-11050.	3.4	70
22	Cytokine expression increases in nonmyocytes from rats with postinfarction heart failure. American Journal of Physiology - Heart and Circulatory Physiology, 1998, 275, H250-H258.	3.2	69
23	A Role for the Extracellular Signal-regulated Kinase and p38 Mitogen-activated Protein Kinases in Interleukin-1Î²-stimulated Delayed Signal Tranducer and Activator of Transcription 3 Activation, Atrial Natriuretic Factor Expression, and Cardiac Myocyte Morphology. Journal of Biological Chemistry, 2001, 276, 29490-29498.	3.4	65
24	Chronic Hypoxia Modulates the Interleukin-1Î²â€“Stimulated Inducible Nitric Oxide Synthase Pathway in Cardiac Myocytes. Circulation, 1997, 96, 1937-1943.	1.6	59
25	3D Carbon-Nanotube-Based Composites for Cardiac Tissue Engineering. ACS Applied Bio Materials, 2018, 1, 1530-1537.	4.6	57
26	Î²-Adrenergic Stimulation of Cardiac Non-myocytes Augments the Growth-promoting Activity of Non-myocyte Conditioned Medium. Journal of Molecular and Cellular Cardiology, 1993, 25, 915-925.	1.9	55
27	Injectable Carbon Nanotube-Functionalized Reverse Thermal Gel Promotes Cardiomyocytes Survival and Maturation. ACS Applied Materials & Interfaces, 2017, 9, 31645-31656.	8.0	52
28	Interleukin-1Î² Is a Negative Transcriptional Regulator of Î±1-Adrenergic Induced Gene Expression in Cultured Cardiac Myocytes. Journal of Biological Chemistry, 1996, 271, 21134-21141.	3.4	51
29	PPAR-Î³ activation fails to provide myocardial protection in ischemia and reperfusion in pigs. American Journal of Physiology - Heart and Circulatory Physiology, 2005, 288, H1314-H1323.	3.2	51
30	Effect of Class IV Laser Therapy on Chemotherapy-Induced Oral Mucositis. American Journal of Pathology, 2013, 183, 1747-1757.	3.8	49
31	The Cardiomyopathy Lamin A/C D192G Mutation Disrupts Whole-Cell Biomechanics in Cardiomyocytes as Measured by Atomic Force Microscopy Loading-Unloading Curve Analysis. Scientific Reports, 2015, 5, 13388.	3.3	44
32	Cardiac Fibroblasts Arrest at the G1/S Restriction Point in Response to Interleukin (IL)-1Î². Journal of Biological Chemistry, 1998, 273, 25796-25803.	3.4	39
33	The Cardiac Fibroblast, Another Therapeutic Target for Mending the Broken Heart?. Journal of Molecular and Cellular Cardiology, 2002, 34, 1273-1278.	1.9	39
34	AFos Dissociates Cardiac Myocyte Hypertrophy and Expression of the Pathological Gene Program. Circulation, 2005, 111, 1645-1651.	1.6	37
35	Biomimetic Polymers for Cardiac Tissue Engineering. Biomacromolecules, 2016, 17, 1593-1601.	5.4	37
36	Factors influencing QT prolongation in patients hospitalized with severe anorexia nervosa. General Hospital Psychiatry, 2012, 34, 173-177.	2.4	34

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37	Biomechanical defects and rescue of cardiomyocytes expressing pathologic nuclear lamins. Cardiovascular Research, 2018, 114, 846-857.	3.8	34
38	Transcriptional repression of an embryo-specific muscle gene. Developmental Biology, 1988, 127, 228-234.	2.0	33
39	Deleterious Effects of Acute Treatment With a Peroxisome Proliferator-Activated Receptor-Â Activator in Myocardial Ischemia and Reperfusion in Pigs. Diabetes, 2003, 52, 1187-1194.	0.6	29
40	Autocrine and Paracrine Regulation of Myocardial Cell Growth in Vitro The TGFÎ² Paradigm. Trends in Cardiovascular Medicine, 1996, 6, 217-226.	4.9	28
41	MAP kinase kinase kinase-2 (MEKK2) regulates hypertrophic remodeling of the right ventricle in hypoxia-induced pulmonary hypertension. American Journal of Physiology - Heart and Circulatory Physiology, 2013, 304, H269-H281.	3.2	28
42	AFM single-cell force spectroscopy links altered nuclear and cytoskeletal mechanics to defective cell adhesion in cardiac myocytes with a nuclear lamin mutation. Nucleus, 2015, 6, 394-407.	2.2	27
43	IL-1 Î² Increases Abundance and Activity of the Negative Transcriptional Regulator Yin Yang-1 (YY1) in Neonatal Rat Cardiac Myocytes. Journal of Molecular and Cellular Cardiology, 2000, 32, 1341-1352.	1.9	25
44	Exploring the elasticity and adhesion behavior of cardiac fibroblasts by atomic force microscopy indentation. Materials Science and Engineering C, 2014, 40, 427-434.	7.3	23
45	Cardiotrophin-1 in Heart Failure. Circulation, 2002, 106, 1430-1432.	1.6	22
46	Yin Yang 1 represses Î±-myosin heavy chain gene expression in pathologic cardiac hypertrophy. Biochemical and Biophysical Research Communications, 2004, 326, 79-86.	2.1	22
47	The PPAR-Î± activator fenofibrate fails to provide myocardial protection in ischemia and reperfusion in pigs. American Journal of Physiology - Heart and Circulatory Physiology, 2006, 290, H1798-H1807.	3.2	21
48	Complement C3 serum levels in anorexia nervosa: a potential biomarker for the severity of disease?. Annals of General Psychiatry, 2011, 10, 16.	2.7	21
49	Inpatient Initiation of Î²-blockade Plus Nurse Management in Vulnerable Heart Failure Patients: A Randomized Study. Journal of Cardiac Failure, 2008, 14, 303-309.	1.7	20
50	Pulse wave velocity and carotid atherosclerosis in White and Latino patients with hypertension. BMC Cardiovascular Disorders, 2011, 11, 15.	1.7	20
51	Critical Role for Death-Receptor Mediated Apoptotic Signaling in Viral Myocarditis. Journal of Cardiac Failure, 2010, 16, 901-910.	1.7	19
52	Histone deacetylase adaptation in single ventricle heart disease and a young animal model of right ventricular hypertrophy. Pediatric Research, 2017, 82, 642-649.	2.3	17
53	Effects of omega-3 fatty acids on arterial stiffness in patients with hypertension: a randomized pilot study. Journal of Negative Results in BioMedicine, 2015, 14, 21.	1.4	15
54	Lung Vascular Remodeling, Cardiac Hypertrophy, and Inflammatory Cytokines in SHIVnef-Infected Macaques. Viral Immunology, 2018, 31, 206-222.	1.3	15

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55	Altered microtubule structure, hemichannel localization and beating activity in cardiomyocytes expressing pathologic nuclear lamin A/C. Heliyon, 2020, 6, e03175.	3.2	14
56	Update on the Inflammatory Hypothesis of Coronary Artery Disease. Current Cardiology Reports, 2021, 23, 6.	2.9	14
57	AFos inhibits phenylephrine-mediated contractile dysfunction by altering phospholamban phosphorylation. American Journal of Physiology - Heart and Circulatory Physiology, 2010, 298, H1719-H1726.	3.2	13
58	Circulating adiponectin levels are lower in Latino versus non-Latino white patients at risk for cardiovascular disease, independent of adiposity measures. BMC Endocrine Disorders, 2011, 11, 13.	2.2	12
59	Impact of a Cardiac Risk Reduction Program in Vulnerable Patients Hospitalized with Coronary Artery Disease. Pharmacotherapy, 2004, 24, 768-775.	2.6	9
60	Congestive heart failure home monitoring pilot study in urban denver. , 2011, 2011, 3150-3.		9
61	Cardiac Cell-specific Apoptotic and Cytokine Responses to Reovirus Infection: Determinants of Myocarditic Phenotype. Journal of Cardiac Failure, 2009, 15, 529-539.	1.7	7
62	Pro-Inflammatory Cytokines and Cardiac Extracellular Matrix: Regulation of Fibroblast Phenotype. , 2005, , 57-81.		6
63	Analysis of long- and short-range contribution to adhesion work in cardiac fibroblasts: An atomic force microscopy study. Materials Science and Engineering C, 2015, 49, 217-224.	7.3	6
64	Associations of Adiponectin with Adiposity, Insulin Sensitivity, and Diet in Young, Healthy, Mexican Americans and Non-Latino White Adults. International Journal of Environmental Research and Public Health, 2016, 13, 54.	2.6	6
65	Prolonged administration of a dithiol antioxidant protects against ventricular remodeling due to ischemia-reperfusion in mice. American Journal of Physiology - Heart and Circulatory Physiology, 2008, 295, H1303-H1310.	3.2	5
66	Use of Wavelet Transform to Detect Compensated and Decompensated Stages in the Congestive Heart Failure Patient. Biosensors, 2017, 7, 40.	4.7	4
67	Novel therapeutic targets in viral myocarditis. Future Virology, 2008, 3, 373-381.	1.8	3
68	Expression of TR Isoforms in Failing Human Heart. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 5089-5089.	3.6	3
69	Longitudinal Changes in Vascular Risk Markers and Mortality Rates among a Latino Population with Hypertension. Texas Heart Institute Journal, 2016, 43, 131-136.	0.3	3
70	Off-Site Percutaneous Coronary Intervention Reduces Hospital Length of Stay in Vulnerable Patients With Acute Myocardial Infarction. Critical Pathways in Cardiology, 2005, 4, 127-130.	0.5	2
71	Contrast-Enhanced Stress Echocardiography and Myocardial Perfusion Imaging in Patients Hospitalized With Chest Pain: A Randomized Study. Critical Pathways in Cardiology, 2018, 17, 98-104.	0.5	2
72	The Role of Interleukin-1 in the Failing Heart. Developments in Cardiovascular Medicine, 2001, , 13-25.	0.1	0

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73	Thyroid Hormone Receptor Signaling in Normal and Failing Heart. , 2009, , 79-88.		0
74	Activation of cardiac fibroblast phenotypes following myocardial ischemiaâ€reperfusion injury in transgenic mouse models. FASEB Journal, 2009, 23, 928.2.	0.5	0
75	Abstract P189: Cardiac Repolarization and Resting Energy Expenditure in Patients Hospitalized With Severe Anorexia Nervosa. Circulation: Cardiovascular Quality and Outcomes, 2011, 4, .	2.2	0