

John T Fassett

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

2,173
citations

201385

27
h-index

329751

37
g-index

38
all docs

38
docs citations

38
times ranked

3714
citing authors

#	ARTICLE	IF	CITATIONS
1	PGC-1 β Regulates Expression of Myocardial Mitochondrial Antioxidants and Myocardial Oxidative Stress After Chronic Systolic Overload. <i>Antioxidants and Redox Signaling</i> , 2010, 13, 1011-1022.	2.5	186
2	AMP Activated Protein Kinase- α 2 Deficiency Exacerbates Pressure-Overload-Induced Left Ventricular Hypertrophy and Dysfunction in Mice. <i>Hypertension</i> , 2008, 52, 918-924.	1.3	165
3	Oxidative Stress Regulates Left Ventricular PDE5 Expression in the Failing Heart. <i>Circulation</i> , 2010, 121, 1474-1483.	1.6	149
4	Dimethylarginine Dimethylaminohydrolase-1 Is the Critical Enzyme for Degrading the Cardiovascular Risk Factor Asymmetrical Dimethylarginine. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 1540-1546.	1.1	119
5	Genetic and Pharmacologic Inhibition of the Chemokine Receptor CXCR2 Prevents Experimental Hypertension and Vascular Dysfunction. <i>Circulation</i> , 2016, 134, 1353-1368.	1.6	110
6	Differential regulation of cyclins D1 and D3 in hepatocyte proliferation. <i>Hepatology</i> , 2002, 36, 30-38.	3.6	104
7	Extracellular Superoxide Dismutase Deficiency Exacerbates Pressure Overload-Induced Left Ventricular Hypertrophy and Dysfunction. <i>Hypertension</i> , 2008, 51, 19-25.	1.3	91
8	Endoplasmic Reticulum Stress Sensor Protein Kinase Like Endoplasmic Reticulum Kinase (PERK) Protects Against Pressure Overload-Induced Heart Failure and Lung Remodeling. <i>Hypertension</i> , 2014, 64, 738-744.	1.3	86
9	Cardiac-specific mindin overexpression attenuates cardiac hypertrophy via blocking AKT/GSK3 β and TGF- β 1 Smad signalling. <i>Cardiovascular Research</i> , 2011, 92, 85-94.	1.8	81
10	AMP Activated Protein Kinase- α 2 Regulates Expression of Estrogen-Related Receptor- α , a Metabolic Transcription Factor Related to Heart Failure Development. <i>Hypertension</i> , 2011, 58, 696-703.	1.3	76
11	Exacerbated Pulmonary Arterial Hypertension and Right Ventricular Hypertrophy in Animals With Loss of Function of Extracellular Superoxide Dismutase. <i>Hypertension</i> , 2011, 58, 303-309.	1.3	71
12	Type I Collagen Structure Regulates Cell Morphology and EGF Signaling in Primary Rat Hepatocytes through cAMP-dependent Protein Kinase A. <i>Molecular Biology of the Cell</i> , 2006, 17, 345-356.	0.9	69
13	Metformin Protects Against Systolic Overload-Induced Heart Failure Independent of AMP-Activated Protein Kinase α 2. <i>Hypertension</i> , 2014, 63, 723-728.	1.3	66
14	Increasing Regulatory T Cells With Interleukin-2 and Interleukin-2 Antibody Complexes Attenuates Lung Inflammation and Heart Failure Progression. <i>Hypertension</i> , 2016, 68, 114-122.	1.3	64
15	Regulation of Hepatocyte Cell Cycle Progression and Differentiation by Type I Collagen Structure. <i>Current Topics in Developmental Biology</i> , 2005, 72, 205-236.	1.0	63
16	The Role of Collagen Structure in Mitogen Stimulation of ERK, Cyclin D1 Expression, and G1-S Progression in Rat Hepatocytes. <i>Journal of Biological Chemistry</i> , 2003, 278, 31691-31700.	1.6	45
17	Effect of asymmetric dimethylarginine (ADMA) on heart failure development. <i>Nitric Oxide - Biology and Chemistry</i> , 2016, 54, 73-81.	1.2	45
18	Disruption of Sarcolemmal ATP-Sensitive Potassium Channel Activity Impairs the Cardiac Response to Systolic Overload. <i>Circulation Research</i> , 2008, 103, 1009-1017.	2.0	43

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19	Adenosine A ₃ Receptor Deficiency Exerts Unanticipated Protective Effects on the Pressure-Overloaded Left Ventricle. <i>Circulation</i> , 2008, 118, 1713-1721.	1.6	41
20	Microtubule Actin Cross-Linking Factor 1 Regulates Cardiomyocyte Microtubule Distribution and Adaptation to Hemodynamic Overload. <i>PLoS ONE</i> , 2013, 8, e73887.	1.1	41
21	Double-Stranded RNA-Dependent Protein Kinase Deficiency Protects the Heart From Systolic Overload-Induced Congestive Heart Failure. <i>Circulation</i> , 2014, 129, 1397-1406.	1.6	41
22	AMPK attenuates microtubule proliferation in cardiac hypertrophy. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2013, 304, H749-H758.	1.5	40
23	Loss of the Eukaryotic Initiation Factor 2 β Kinase General Control Nonderepressible 2 Protects Mice From Pressure Overload-Induced Congestive Heart Failure Without Affecting Ventricular Hypertrophy. <i>Hypertension</i> , 2014, 63, 128-135.	1.3	40
24	Ecto-5'-Nucleotidase Deficiency Exacerbates Pressure-Overload-Induced Left Ventricular Hypertrophy and Dysfunction. <i>Hypertension</i> , 2008, 51, 1557-1564.	1.3	39
25	CD28/B7 Deficiency Attenuates Systolic Overload-Induced Congestive Heart Failure, Myocardial and Pulmonary Inflammation, and Activated T Cell Accumulation in the Heart and Lungs. <i>Hypertension</i> , 2016, 68, 688-696.	1.3	37
26	Role of bone marrow-derived CD11c+ dendritic cells in systolic overload-induced left ventricular inflammation, fibrosis and hypertrophy. <i>Basic Research in Cardiology</i> , 2017, 112, 25.	2.5	36
27	Formation of Nitric Oxide by Aldehyde Dehydrogenase-2 Is Necessary and Sufficient for Vascular Bioactivation of Nitroglycerin. <i>Journal of Biological Chemistry</i> , 2016, 291, 24076-24084.	1.6	31
28	Cardiomyocyte dimethylarginine dimethylaminohydrolase-1 (DDAH1) plays an important role in attenuating ventricular hypertrophy and dysfunction. <i>Basic Research in Cardiology</i> , 2017, 112, 55.	2.5	30
29	Adenosine regulation of microtubule dynamics in cardiac hypertrophy. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009, 297, H523-H532.	1.5	27
30	Disruption of mindin exacerbates cardiac hypertrophy and fibrosis. <i>Journal of Molecular Medicine</i> , 2012, 90, 895-910.	1.7	26
31	DDAH1 Deficiency Attenuates Endothelial Cell Cycle Progression and Angiogenesis. <i>PLoS ONE</i> , 2013, 8, e79444.	1.1	26
32	Adenosine kinase attenuates cardiomyocyte microtubule stabilization and protects against pressure overload-induced hypertrophy and LV dysfunction. <i>Journal of Molecular and Cellular Cardiology</i> , 2019, 130, 49-58.	0.9	19
33	Adenosine kinase regulation of cardiomyocyte hypertrophy. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2011, 300, H1722-H1732.	1.5	16
34	Mrp3, a Mitogen-Regulated Protein/Proliferin Gene Expressed in Wound Healing and in Hair Follicles. , 0, .		14
35	Novel role of mitochondrial GTPases 1 in pathological cardiac hypertrophy. <i>Journal of Molecular and Cellular Cardiology</i> , 2019, 128, 105-116.	0.9	11
36	Regulation of DDAH1 as a Potential Therapeutic Target for Treating Cardiovascular Diseases. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-6.	0.5	10

#	ARTICLE	IF	CITATIONS
37	Scavenging of nitric oxide by hemoglobin in the tunica media of porcine coronary arteries. Nitric Oxide - Biology and Chemistry, 2016, 54, 8-14.	1.2	9
38	Repetitive ischemia increases myocardial dimethylarginine dimethylaminohydrolase 1 expression. Vascular Medicine, 2017, 22, 179-188.	0.8	6