Keith A Youker

List of Publications by Year
in descending order

106 papers	8,426 citations	61984 43 h-index	49909 87 g-index
110 all docs	110 docs citations	110 times ranked	8360 citing authors

#	Article	IF	Citations
1	The Role of B-Cells in Heart Failure. Methodist DeBakey Cardiovascular Journal, 2021, 9, 15.	1.0	25
2	Endothelial Dysfunction-related Neurological Bleeds with Continuous Flow-Left Ventricular Assist Devices Measured by Digital Thermal Monitor. ASAIO Journal, 2021, 67, 561-566.	1.6	1
3	STK35 Gene Therapy Attenuates Endothelial Dysfunction and Improves Cardiac Function in Diabetes. Frontiers in Cardiovascular Medicine, 2021, 8, 798091.	2.4	2
4	Endothelial to Mesenchymal Transition and the Reverse Contributes to Heart Failure and Recovery Thereafter. Journal of Cardiac Failure, 2020, 26, S98.	1.7	0
5	Vulnerable Atherosclerotic Plaque Imaging by Smallâ€Molecule Highâ€Affinity Positron Emission Tomography Radiopharmaceutical. Advanced Therapeutics, 2019, 2, 1900005.	3.2	2
6	Genetic Determinants of Allograft Hypertrophy- A Human Myocardial Biopsy Study. Journal of Cardiac Failure, 2019, 25, S110.	1.7	0
7	Yamanaka Factors as Drivers of Recovery in a Mouse Model of Heart Failure. Journal of Cardiac Failure, 2019, 25, S112.	1.7	0
8	Inducible Lung Epithelial Resistance Requires Multisource Reactive Oxygen Species Generation To Protect against Viral Infections. MBio, 2018, 9, .	4.1	32
9	Efficacy of sustained delivery of GC-1 from a Nanofluidic system in a spontaneously obese non-human primate: a case study. Biomedical Microdevices, 2018, 20, 49.	2.8	5
10	Small molecule disruption of G protein Î²Î³ subunit signaling reprograms human macrophage phenotype and prevents autoimmune myocarditis in rats. PLoS ONE, 2018, 13, e0200697.	2.5	11
11	Rapamycin nanoparticles localize in diseased lung vasculature and prevent pulmonary arterial hypertension. International Journal of Pharmaceutics, 2017, 524, 257-267.	5.2	31
12	AIBP Limits Angiogenesis Through Î³-Secretase-Mediated Upregulation of Notch Signaling. Circulation Research, 2017, 120, 1727-1739.	4.5	49
13	Functionally redundant control of cardiac hypertrophic signaling by inositol 1,4,5-trisphosphate receptors. Journal of Molecular and Cellular Cardiology, 2017, 112, 95-103.	1.9	12
14	Inhibition of hyaluronan synthesis attenuates pulmonary hypertension associated with lung fibrosis. British Journal of Pharmacology, 2017, 174, 3284-3301.	5.4	52
15	Mitochondrial Hyperacetylation Contributes with Ventricular Dysfunction as Consequence of SIRT3 Deficiency in Obesity and Metabolic Syndrome. Journal of Cardiac Failure, 2017, 23, S39.	1.7	2
16	A specifically designed nanoconstruct associates, internalizes, traffics in cardiovascular cells, and accumulates in failing myocardium: a new strategy for heart failure diagnostics and therapeutics. European Journal of Heart Failure, 2016, 18, 169-178.	7.1	31
17	Evidence of Endothelial to Mesenchymal Transition (EndMT) in the Clinically Non-Failing Left Ventricles (CNFL). Journal of Cardiac Failure, 2016, 22, S85-S86.	1.7	0
18	Aging in Heart Transplant: Gene Expression and Molecular Mechanisms. Journal of Cardiac Failure, 2016, 22, S84.	1.7	0

#	Article	IF	Citations
19	MicroRNA-126 overexpression rescues diabetes-induced impairment in efferocytosis of apoptotic cardiomyocytes. Scientific Reports, 2016, 6, 36207.	3.3	67
20	Rnd3/RhoE Modulates Hypoxia-Inducible Factor 1Î±/Vascular Endothelial Growth Factor Signaling by Stabilizing Hypoxia-Inducible Factor 1Î± and Regulates Responsive Cardiac Angiogenesis. Hypertension, 2016, 67, 597-605.	2.7	40
21	Full Expression of Cardiomyopathy Is Partly Dependent on Bâ€Cells: AÂPathway That Involves Cytokine Activation, Immunoglobulin Deposition, and Activation of Apoptosis. Journal of the American Heart Association, 2016, 5, .	3.7	67
22	MicroRNA-9 inhibits hyperglycemia-induced pyroptosis in human ventricular cardiomyocytes by targeting ELAVL1. Biochemical and Biophysical Research Communications, 2016, 471, 423-429.	2.1	113
23	Combination of angiotensin II and l-NG-nitroarginine methyl ester exacerbates mitochondrial dysfunction and oxidative stress to cause heart failure. American Journal of Physiology - Heart and Circulatory Physiology, 2016, 310, H667-H680.	3.2	22
24	Differential Mitochondrial Function in Remodeled Right and Nonremodeled Left Ventricles in Pulmonary Hypertension. Journal of Cardiac Failure, 2016, 22, 73-81.	1.7	8
25	Serum Concentrations of Heme Oxigenase-1 are Reduced in Patients with Acute Heart Failure and Preserved Ejection Fraction. Journal of Cardiac Failure, 2015, 21, S29.	1.7	0
26	Temporal Assessment of Endothelial to Mesenchymal Transition as a Contributor to Fibrosis in a Mouse Model of Heart Failure. Journal of Cardiac Failure, 2015, 21, S2.	1.7	0
27	Enhanced Cardiac Regenerative Ability of Stem Cells After Ischemia-Reperfusion Injury. Journal of the American College of Cardiology, 2015, 66, 2214-2226.	2.8	60
28	Standardized extracts from black bean coats (Phaseolus vulgaris L.) prevent adverse cardiac remodeling in a murine model of non-ischemic cardiomyopathy. RSC Advances, 2015, 5, 90858-90865.	3.6	6
29	High proportion of patients with end-stage heart failure regardless of aetiology demonstrates anti-cardiac antibody deposition in failing myocardium: humoral activation, a potential contributor of disease progression. European Heart Journal, 2014, 35, 1061-1068.	2.2	41
30	Freshly isolated mitochondria from failing human hearts exhibit preserved respiratory function. Journal of Molecular and Cellular Cardiology, 2014, 68, 98-105.	1.9	49
31	Molecular and Cellular Correlates of Cardiac Function in End-Stage DCM. JACC: Cardiovascular Imaging, 2014, 7, 441-452.	5.3	32
32	Mechanical Unloading Promotes Myocardial Energy Recovery in Human Heart Failure. Circulation: Cardiovascular Genetics, 2014, 7, 266-276.	5.1	76
33	Early Changes of Allograft Mass as Evidenced by Cardiac Magnetic Resonance (CMR) Imaging Technique in a Cohort of Post Heart Transplant Patients in the Current Era of Immunosuppression. Journal of Cardiac Failure, 2014, 20, S76-S77.	1.7	0
34	B-Cell Reconstitution in a SCID Mouse Restores CMP Phenotype. Journal of Cardiac Failure, 2013, 19, S52.	1.7	0
35	Molecular, Cellular, and Functional Characterization of Myocardial Regions in Hypertrophic Cardiomyopathy. Circulation: Cardiovascular Imaging, 2012, 5, 419-422.	2.6	8
36	Full Expression of Acute Non-Ischemic Cardiomyopathy in a Murine Model is Dependent on Intact B Cell Function. Journal of Cardiac Failure, 2012, 18, S2.	1.7	0

#	Article	IF	Citations
37	Intact T and B Cell Responses Are Required for Full Expression of Acute Non-Ischemic Cardiomyopathy. Journal of Cardiac Failure, 2011, 17, S2.	1.7	0
38	Cellular Evidence of Reverse Cardiac Remodeling Induced by Cardiac Resynchronization Therapy. Congestive Heart Failure, 2011, 17, 140-146.	2.0	22
39	Therapeutic plasma exchange a potential strategy for patients with advanced heart failure. Journal of Clinical Apheresis, 2010, 25, 323-330.	1.3	21
40	Reversal of secondary pulmonary hypertension by axial and pulsatile mechanical circulatory support. Journal of Heart and Lung Transplantation, 2010, 29, 195-200.	0.6	76
41	Mitochondrial Respiratory Capacity in Diabetic Heart Failure Patients. Journal of Cardiac Failure, 2010, 16, S37.	1.7	0
42	Mast cell burden and reticulin fibrosis in the myeloproliferative neoplasms: A computer-assisted image analysis study. Pathology Research and Practice, 2009, 205, 634-638.	2.3	9
43	Reciprocal Regulation of Myocardial microRNAs and Messenger RNA in Human Cardiomyopathy and Reversal of the microRNA Signature by Biomechanical Support. Circulation, 2009, 119, 1263-1271.	1.6	292
44	Characterization of a Non-Surgical Mouse Model of Acute Non-Ischemic Cardiomyopathy. Journal of Cardiac Failure, 2009, 15, S22-S23.	1.7	0
45	Heart Failure Research: Translating Basic Science Into Therapies. Methodist DeBakey Cardiovascular Journal, 2009, 5, 38-41.	1.0	0
46	Increased Expression of Stem Cell Factor and Its Receptor After Left Ventricular Assist Device Support: A Potential Novel Target for Therapeutic Interventions in Heart Failure. Journal of Heart and Lung Transplantation, 2008, 27, 701-709.	0.6	16
47	The Use of Continuous Milrinone Therapy as Bridge to Transplant Is Safe in Patients With Short Waiting Times. Journal of Cardiac Failure, 2008, 14, 839-843.	1.7	27
48	The Role of Mast Cells After Solid Organ Transplantation. Transplantation, 2008, 85, 1365-1371.	1.0	16
49	Rad GTPase Deficiency Leads to Cardiac Hypertrophy. Circulation, 2007, 116, 2976-2983.	1.6	105
50	Lack of NF-Î²B1 (p105/p50) attenuates unloading-induced downregulation of PPARÎ± and PPARÎ±-regulated gene expression in rodent heart. Cardiovascular Research, 2007, 74, 133-139.	3.8	18
51	Mechanical unloading of the heart activates the calpain system. Journal of Molecular and Cellular Cardiology, 2007, 42, 449-452.	1.9	36
52	Mast Cell-Derived Cathepsin g: A Possible Role in The Adverse Remodeling of The Failing Human Heart. Journal of Surgical Research, 2007, 140, 199-203.	1.6	24
53	Decorin-mediated Transforming Growth Factor-Î² Inhibition Ameliorates Adverse Cardiac Remodeling. Journal of Heart and Lung Transplantation, 2007, 26, 34-40.	0.6	51
54	Recurrent Device Thrombi During Mechanical Circulatory Support With an Axial-flow Pump Is a Treatable Condition and Does Not Preclude Successful Long-term Support. Journal of Heart and Lung Transplantation, 2007, 26, 200-203.	0.6	18

#	Article	IF	Citations
55	Myocardial Contrast Echocardiography of Radiofrequency Ablation Lesions. , 2006, Suppl, 6689-92.		0
56	Free Fatty Acids Inhibit Insulin Signaling-Stimulated Endothelial Nitric Oxide Synthase Activation Through Upregulating PTEN or Inhibiting Akt Kinase. Diabetes, 2006, 55, 2301-2310.	0.6	210
57	Quantitative Changes in Mast Cell Populations After Left Ventricular Assist Device Implantation. ASAIO Journal, 2005, 51, 275-280.	1.6	19
58	Plasma neurohormone levels correlate with left ventricular functional and morphological improvement in LVAD patients1. Journal of Surgical Research, 2005, 123, 25-32.	1.6	56
59	Organ-specific regulation of pro-inflammatory molecules in heart, lung, and kidney following brain death. Journal of Surgical Research, 2005, 123, 118-125.	1.6	581
60	Placement of a left ventricular assist device in a patient with dextrocardia. Journal of Heart and Lung Transplantation, 2005, 24, 338-339.	0.6	6
61	Fluorescence imaging microscopy of cellular markers in ischemic vs non-ischemic cardiomyopathy after left ventricular unloading. Journal of Heart and Lung Transplantation, 2005, 24, 454-461.	0.6	5
62	Atrioventricular fibrous ring disruption promotes ventricular preexcitation in a mouse model of Wolff-Parkinson-white syndrome. Heart Rhythm, 2005, 2, S71.	0.7	0
63	Intramyocardial lipid accumulation in the failing human heart resembles the lipotoxic rat heart. FASEB Journal, 2004, 18, 1692-1700.	0.5	673
64	Activation of cardiac Cdk9 represses PGC-1 and confers a predisposition to heart failure. EMBO Journal, 2004, 23, 3559-3569.	7.8	145
65	Apicoaortic conduit in a patient with severe hemolysis after three aortic valve replacements. Journal of Thoracic and Cardiovascular Surgery, 2004, 127, 270-272.	0.8	6
66	Localizing and Quantifying Ablation Lesions in the Left Ventricle by Myocardial Contrast Echocardiography. Journal of Cardiovascular Electrophysiology, 2004, 15, 1078-1087.	1.7	21
67	Role of mast cells and their mediators in failing myocardium under mechanical ventricular support. Journal of Heart and Lung Transplantation, 2004, 23, 709-715.	0.6	56
68	Interaction between isolated human myocardial mast cells and cultured fibroblasts1. Journal of Surgical Research, 2004, 118, 66-70.	1.6	13
69	Degree of cardiac fibrosis and hypertrophy at time of implantation predicts myocardial improvement during left ventricular assist device support. Journal of Heart and Lung Transplantation, 2004, 23, 36-42.	0.6	76
70	RNA polymerase II C-terminal domain kinases in heart failure. Journal of Cardiac Failure, 2003, 9, S4.	1.7	0
71	Reversal of cardiac fibrosis following LVAD implantation: the cardiac mast cell. Journal of Cardiac Failure, 2003, 9, S7.	1.7	0
72	Somatostatin receptor gene transfer inhibits established pancreatic cancer xenografts. Journal of Surgical Research, 2003, 115, 41-47.	1.6	26

#	Article	IF	Citations
73	Telomere attrition and Chk2 activation in human heart failure. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 5378-5383.	7.1	171
74	The Role of Inflammation in Cardiac Function and Repair. Progress in Experimental Cardiology, 2003, , 19-28.	0.0	0
75	Mechanical Unloading of the Failing Human Heart Fails to Activate the Protein Kinase B/Akt/Glycogen Synthase Kinase-3Î² Survival Pathway. Cardiology, 2003, 100, 17-22.	1.4	33
76	Inhibitory Cardiac Transcription Factor, SRF-N, Is Generated by Caspase 3 Cleavage in Human Heart Failure and Attenuated by Ventricular Unloading. Circulation, 2003, 108, 407-413.	1.6	74
77	Revascularization and ventricular restoration in patients with ischemic heart failure: the STICH trial. Current Opinion in Cardiology, 2003, 18, 454-457.	1.8	38
78	Impaired Long-Chain Fatty Acid Oxidation and Contractile Dysfunction in the Obese Zucker Rat Heart. Diabetes, 2002, 51, 2587-2595.	0.6	263
79	Coronary Microembolization: the Role of TNF-Î± in Contractile Dysfunction. Journal of Molecular and Cellular Cardiology, 2002, 34, 51-62.	1.9	176
80	Regression of fibrosis and hypertrophy in failing myocardium following mechanical circulatory support. Journal of Heart and Lung Transplantation, 2001, 20, 457-464.	0.6	187
81	Angiotensin II Blockade Reverses Myocardial Fibrosis in a Transgenic Mouse Model of Human Hypertrophic Cardiomyopathy. Circulation, 2001, 103, 789-791.	1.6	352
82	Telomerase reverse transcriptase promotes cardiac muscle cell proliferation, hypertrophy, and survival. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 10308-10313.	7.1	260
83	Myocardial reperfusion: A State of Inflammation. , 2001, , 93-101.		0
84	Time-Dependent Loss of Mac-1 from Infiltrating Neutrophils in the Reperfused Myocardium. Journal of Immunology, 2000, 164, 2752-2758.	0.8	17
85	Decreased Left Ventricular Ejection Fraction in Transgenic Mice Expressing Mutant Cardiac Troponin T-Q92, Responsible for Human Hypertrophic Cardiomyopathy. Journal of Molecular and Cellular Cardiology, 2000, 32, 365-374.	1.9	25
86	The implications for cardiac recovery of left ventricular assist device support on myocardial collagen content. American Journal of Surgery, 2000, 180, 498-502.	1.8	56
87	Decreased Expression of Tumor Necrosis Factor-Î± in Failing Human Myocardium After Mechanical Circulatory Support. Circulation, 1999, 100, 1189-1193.	1.6	248
88	Cardiac Myocytes Produce Interleukin-6 in Culture and in Viable Border Zone of Reperfused Infarctions. Circulation, 1999, 99, 546-551.	1.6	302
89	Fibronectin fragments modulate monocyte VLA-5 expression and monocyte migration. Journal of Clinical Investigation, 1999, 104, 419-430.	8.2	38
90	A transgenic rabbit model for human hypertrophic cardiomyopathy. Journal of Clinical Investigation, 1999, 104, 1683-1692.	8.2	171

#	Article	IF	Citations
91	Cytokines and the Microcirculation in Ischemia and Reperfusion. Journal of Molecular and Cellular Cardiology, 1998, 30, 2567-2576.	1.9	168
92	Resident Cardiac Mast Cells Degranulate and Release Preformed TNF-Î±, Initiating the Cytokine Cascade in Experimental Canine Myocardial Ischemia/Reperfusion. Circulation, 1998, 98, 699-710.	1.6	459
93	Phagocytes in Ischemia Injury. Annals of the New York Academy of Sciences, 1997, 832, 243-265.	3.8	9
94	Complement C5a, TGF-Î²1, and MCP-1, in Sequence, Induce Migration of Monocytes Into Ischemic Canine Myocardium Within the First One to Five Hours After Reperfusion. Circulation, 1997, 95, 684-692.	1.6	188
95	Induction of Monocyte Chemoattractant Protein-1 in the Small Veins of the Ischemic and Reperfused Canine Myocardium. Circulation, 1997, 95, 693-700.	1.6	147
96	Role of early reperfusion in the induction of adhesion molecules and cytokines in previously ischemic myocardium. Molecular and Cellular Biochemistry, 1995, 147, 5-12.	3.1	63
97	Induction of Interleukin-6 Synthesis in the Myocardium. Circulation, 1995, 92, 1866-1875.	1.6	250
98	Cardiolipin-protein complexes and initiation of complement activation after coronary artery occlusion.. Circulation Research, 1994, 75, 546-555.	4.5	63
99	Regulation of ICAM-1 and IL-6 in Myocardial Ischemia: Effect of Reperfusion a. Annals of the New York Academy of Sciences, 1994, 723, 258-270.	3.8	55
100	Molecular evidence for induction of intracellular adhesion molecule-1 in the viable border zone associated with ischemia-reperfusion injury of the dog heart.. Circulation, 1994, 89, 2736-2746.	1.6	83
101	Regulation of intercellular adhesion molecule-1 (ICAM-1) in ischemic and reperfused canine myocardium.. Journal of Clinical Investigation, 1993, 92, 1504-1516.	8.2	213
102	Neutrophil adherence to isolated adult cardiac myocytes. Induction by cardiac lymph collected during ischemia and reperfusion.. Journal of Clinical Investigation, 1992, 89, 602-609.	8.2	184
103	Neutrophil induced oxidative injury of cardiac myocytes. A compartmented system requiring CD11b/CD18-ICAM-1 adherence.. Journal of Clinical Investigation, 1992, 90, 1335-1345.	8.2	273
104	Unsaturated aminophospholipids are preferentially retained by the fast skeletal muscle CaATPase during detergent solubilization. Archives of Biochemistry and Biophysics, 1991, 286, 346-352.	3.0	31
105	Adherence of neutrophils to canine cardiac myocytes in vitro is dependent on intercellular adhesion molecule-1.. Journal of Clinical Investigation, 1991, 88, 1216-1223.	8.2	150
106	Neutrophil adherence to isolated adult canine myocytes. Evidence for a CD18-dependent mechanism.. Journal of Clinical Investigation, 1990, 85, 1497-1506.	8.2	207