

JoAnn Trial

List of Publications by Year in descending order

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Version: 2024-02-01

59
papers

3,188
citations

172386

29
h-index

175177

52
g-index

59
all docs

59
docs citations

59
times ranked

3426
citing authors

#	ARTICLE	IF	CITATIONS
1	Regulation of myc gene expression in HL-60 leukaemia cells by a vitamin D metabolite. <i>Nature</i> , 1983, 306, 492-494.	13.7	487
2	Bone marrow-derived fibroblast precursors mediate ischemic cardiomyopathy in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 18284-18289.	3.3	320
3	Complement C5a, TGF- β 1, and MCP-1, in Sequence, Induce Migration of Monocytes Into Ischemic Canine Myocardium Within the First One to Five Hours After Reperfusion. <i>Circulation</i> , 1997, 95, 684-692.	1.6	188
4	Monocytic fibroblast precursors mediate fibrosis in angiotensin-II-induced cardiac hypertrophy. <i>Journal of Molecular and Cellular Cardiology</i> , 2010, 49, 499-507.	0.9	165
5	Extracellular Heat Shock Protein 60, Cardiac Myocytes, and Apoptosis. <i>Circulation Research</i> , 2009, 105, 1186-1195.	2.0	147
6	Immune-inflammatory dysregulation modulates the incidence of progressive fibrosis and diastolic stiffness in the aging heart. <i>Journal of Molecular and Cellular Cardiology</i> , 2011, 50, 248-256.	0.9	116
7	Adiponectin Promotes Monocyte-to-Fibroblast Transition in Renal Fibrosis. <i>Journal of the American Society of Nephrology: JASN</i> , 2013, 24, 1644-1659.	3.0	97
8	Rho kinase-1 mediates cardiac fibrosis by regulating fibroblast precursor cell differentiation. <i>Cardiovascular Research</i> , 2009, 83, 511-518.	1.8	89
9	TNF receptor 1 signaling is critically involved in mediating angiotensin-II-induced cardiac fibrosis. <i>Journal of Molecular and Cellular Cardiology</i> , 2013, 57, 59-67.	0.9	88
10	Fc receptor engagement mediates differentiation of cardiac fibroblast precursor cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 10179-10184.	3.3	85
11	Cardiac mesenchymal stem cells contribute to scar formation after myocardial infarction. <i>Cardiovascular Research</i> , 2011, 91, 99-107.	1.8	82
12	Inflammation and Ischemia: Macrophages Activated by Fibronectin Fragments Enhance the Survival of Injured Cardiac Myocytes. <i>Experimental Biology and Medicine</i> , 2004, 229, 538-545.	1.1	71
13	Increased Phagocytosis and Generation of Reactive Oxygen Products by Neutrophils and Monocytes of Men with Stage 1 Human Immunodeficiency Virus Infection. <i>Journal of Infectious Diseases</i> , 1993, 168, 75-83.	1.9	68
14	Hyperhomocysteinemia inhibits post-injury reendothelialization in mice. <i>Cardiovascular Research</i> , 2006, 69, 253-262.	1.8	60
15	Reversibility of Vitamin D-Induced Human Leukemia Cell-Line Maturation*. <i>Endocrinology</i> , 1986, 118, 679-686.	1.4	58
16	Adverse fibrosis in the aging heart depends on signaling between myeloid and mesenchymal cells; role of inflammatory fibroblasts. <i>Journal of Molecular and Cellular Cardiology</i> , 2014, 70, 56-63.	0.9	57
17	Heterogeneous apoptotic responses of prostate cancer cell lines identify an association between sensitivity to staurosporine-induced apoptosis, expression of Bcl-2 family members, and caspase activation. , 2000, 42, 260-273.		55
18	Regulation of Cardiac Fibroblast Cellular Function by Leukemia Inhibitory Factor. <i>Journal of Molecular and Cellular Cardiology</i> , 2002, 34, 1309-1316.	0.9	52

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19	AICAR-dependent AMPK activation improves scar formation in the aged heart in a murine model of reperfused myocardial infarction. <i>Journal of Molecular and Cellular Cardiology</i> , 2013, 63, 26-36.	0.9	50
20	Phenotypic and functional changes in peripheral blood monocytes during progression of human immunodeficiency virus infection. Effects of soluble immune complexes, cytokines, subcellular particulates from apoptotic cells, and HIV-1-encoded proteins on monocytes phagocytic function, oxidative burst, transendothelial migration, and cell surface phenotype. <i>Journal of Clinical Investigation</i> , 1995, 95, 1690-1701.	3.9	49
21	Origin of Developmental Precursors Dictates the Pathophysiologic Role of Cardiac Fibroblasts. <i>Journal of Cardiovascular Translational Research</i> , 2012, 5, 749-759.	1.1	48
22	The QA2 subregion controls the expression of two antigens recognized by H-2- unrestricted cytotoxic T cells. <i>Journal of Experimental Medicine</i> , 1982, 155, 749-767.	4.2	47
23	Defective Myofibroblast Formation from Mesenchymal Stem Cells in the Aging Murine Heart. <i>American Journal of Pathology</i> , 2011, 179, 1792-1806.	1.9	46
24	Tumor Necrosis Factor. <i>Circulation: Heart Failure</i> , 2015, 8, 352-361.	1.6	45
25	Plasma Levels of Endothelial Microparticles Bearing Monomeric C-reactive Protein are Increased in Peripheral Artery Disease. <i>Journal of Cardiovascular Translational Research</i> , 2016, 9, 184-193.	1.1	45
26	Interaction between Human Polymorphonuclear Leukocytes and <i>Streptococcus milleri</i> Group Bacteria. <i>Journal of Infectious Diseases</i> , 2002, 185, 85-90.	1.9	43
27	Mesenchymal stem cell-derived inflammatory fibroblasts mediate interstitial fibrosis in the aging heart. <i>Journal of Molecular and Cellular Cardiology</i> , 2016, 91, 28-34.	0.9	43
28	Erythropoietin Withdrawal Alters Interactions Between Young Red Blood Cells, Splenic Endothelial Cells, and Macrophages. <i>Journal of Investigative Medicine</i> , 2001, 49, 335-345.	0.7	41
29	Aberrant differentiation of fibroblast progenitors contributes to fibrosis in the aged murine heart: role of elevated circulating insulin levels. <i>FASEB Journal</i> , 2013, 27, 1761-1771.	0.2	40
30	Mechanosensing dysregulation in the fibroblast: A hallmark of the aging heart. <i>Ageing Research Reviews</i> , 2020, 63, 101150.	5.0	40
31	Fibronectin fragments modulate monocyte VLA-5 expression and monocyte migration. <i>Journal of Clinical Investigation</i> , 1999, 104, 419-430.	3.9	38
32	Th1/M1 Conversion to Th2/M2 Responses in Models of Inflammation Lacking Cell Death Stimulates Maturation of Monocyte Precursors to Fibroblasts. <i>Frontiers in Immunology</i> , 2013, 4, 287.	2.2	32
33	Focal effects of mononuclear leukocyte transendothelial migration: TNF- α production by migrating monocytes promotes subsequent migration of lymphocytes. <i>Journal of Leukocyte Biology</i> , 1996, 60, 129-136.	1.5	29
34	Mesenchymal stem cell-derived inflammatory fibroblasts promote monocyte transition into myeloid fibroblasts via an IL-6-dependent mechanism in the aging mouse heart. <i>FASEB Journal</i> , 2015, 29, 3160-3170.	0.2	27
35	Dissecting the role of myeloid and mesenchymal fibroblasts in age-dependent cardiac fibrosis. <i>Basic Research in Cardiology</i> , 2017, 112, 34.	2.5	26
36	In Vitro Cytotoxic Activity of Interleukin 2-Dependent Murine Thy-1+ Dendritic Epidermal Cell Lines. <i>Journal of Leukocyte Biology</i> , 1988, 43, 502-508.	1.5	22

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37	Changes in cardiac resident fibroblast physiology and phenotype in aging. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 315, H745-H755.	1.5	22
38	Phenotypic and functional activation of monocytes in HIV-1 infection: interactions with neural cells. <i>Journal of Leukocyte Biology</i> , 1994, 56, 310-317.	1.5	20
39	Impact of Fibronectin Fragments on the Transendothelial Migration of HIV-Infected Leukocytes and the Development of Subendothelial Foci of Infectious Leukocytes. <i>Journal of Immunology</i> , 2004, 173, 2746-2754.	0.4	20
40	Aicar treatment reduces interstitial fibrosis in aging mice. <i>Journal of Molecular and Cellular Cardiology</i> , 2017, 111, 81-85.	0.9	18
41	Monocyte Activation by Circulating Fibronectin Fragments in HIV-1-Infected Patients. <i>Journal of Immunology</i> , 2004, 173, 2190-2198.	0.4	17
42	Transendothelial migration of leukocytes carrying infectious HIV-1: an indicator of adverse prognosis. <i>Aids</i> , 2002, 16, 5-12.	1.0	16
43	Sex-specific phenotypes in the aging mouse heart and consequences for chronic fibrosis. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2022, 323, H285-H300.	1.5	13
44	Phosphocholine-containing ligands direct CRP induction of M2 macrophage polarization independent of T cell polarization: Implication for chronic inflammatory states. <i>Immunity, Inflammation and Disease</i> , 2016, 4, 274-288.	1.3	12
45	Monocytes Stimulated by 110-kDa Fibronectin Fragments Suppress Proliferation of Anti-CD3-Activated T Cells. <i>Journal of Immunology</i> , 2005, 175, 3347-3353.	0.4	10
46	The role of C-reactive protein in innate and acquired inflammation: new perspectives. <i>Inflammation and Cell Signaling</i> , 2016, 3, .	1.6	9
47	Auditory p300 abnormalities and leukocyte activation in hiv infection. <i>Otolaryngology - Head and Neck Surgery</i> , 1994, 110, 53-59.	1.1	8
48	Monoclonal antibodies to mouse antigens. <i>Immunogenetics</i> , 1985, 21, 193-197.	1.2	7
49	Antigen-presenting cells that induce anti-H-2K T-cell responses: Differences in stimulator-cell requirements for induction of proliferation and cell-mediated lympholysis. <i>Immunogenetics</i> , 1981, 12, 297-312.	1.2	5
50	TMA-specific first-order T-suppressor hybridoma. <i>Cellular Immunology</i> , 1986, 97, 419-432.	1.4	5
51	Treatment with a DC-SIGN ligand reduces macrophage polarization and diastolic dysfunction in the aging female but not male mouse hearts. <i>GeroScience</i> , 2021, 43, 881-899.	2.1	5
52	CD8+ T cells lyse autologous monocytes in the presence of anti-CD3 monoclonal antibody: Association with interleukin-1 production. <i>Cellular Immunology</i> , 1988, 114, 257-271.	1.4	4
53	Monocyte CD49e and 110-120 kDa fibronectin fragments: HIV prognostic indicators independent of viral load and CD4 T-cell counts. <i>Aids</i> , 2009, 23, 2247-2253.	1.0	1
54	Myeloid Fibroblast Precursors in Cardiac Interstitial Fibrosis – The Origin of Fibroblast Precursors Dictates the Pathophysiologic Role. , 2011, , 197-228.		0

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55	Abstract 208: Farnesylation-Dependent Fibrosis in the Aged Murine Heart. Circulation Research, 2012, 111, .	2.0	0
56	Abstract 229: TNF Receptor 1 Signaling Is Critically Involved in Mediating Angiotensin II-Induced Cardiac Fibrosis and Dysfunction. Circulation Research, 2012, 111, .	2.0	0
57	Abstract 74: The Inflammatory Phenotype Of Mesenchymal Fibroblasts And Its Role In Aging Dependent Cardiac Fibrosis- A Target For Statins?. Circulation Research, 2014, 115, .	2.0	0
58	Abstract 279: A Defective Mechanosensing Promotes Impaired Fibroblast-to-myofibroblast Maturation in the Aging Mouse Heart. Circulation Research, 2020, 127, .	2.0	0
59	Abstract P400: Treatment With The AMPK Agonist AICAR Alleviates Age-associated Cardiac Defects In The Mouse By Distinct Sex-specific Mechanisms. Circulation Research, 2021, 129, .	2.0	0