Daniel R Meldrum

List of Publications by Year
in descending order

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220 papers	13,883 citations	16411 64 h-index	26548 107 g-index
224 all docs	224 docs citations	224 times ranked	13089 citing authors

#	Article	IF	Citations
1	The emergence of clinically accessible treatments for inflammation induced cardiac injury. Journal of Surgical Research, 2021, , .	0.8	0
2	Profibrotic Effect of Interleukin-18 in HK-2 Cells Is Dependent on Stimulation of the Toll-like Receptor 4 (TLR4) Promoter and Increased TLR4 Expression. Journal of Biological Chemistry, 2012, 287, 40391-40399.	1.6	21
3	TGF-Î± Equalizes Age Disparities in Stem Cell-Mediated Cardioprotection. Journal of Surgical Research, 2012, 176, 386-394.	0.8	4
4	Toll-like receptor 4 ablation improves stem cell survival after hypoxic injury. Journal of Surgical Research, 2012, 177, 330-333.	0.8	11
5	Advances in Mesenchymal Stem Cell Research in Sepsis. Journal of Surgical Research, 2012, 173, 113-126.	0.8	58
6	Pretreating mesenchymal stem cells with interleukin-1Î² and transforming growth factor-Î² synergistically increases vascular endothelial growth factor production and improves mesenchymal stem cellâ€“mediated myocardial protection after acute ischemia. Surgery, 2012, 151, 353-363.	1.0	47
7	Female stem cells are superior to males in preserving myocardial function following endotoxemia. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2011, 300, R1506-R1514.	0.9	24
8	Optimizing Stem Cell Function for the Treatment of Ischemic Heart Disease. Journal of Surgical Research, 2011, 166, 138-145.	0.8	29
9	Arterially Delivered Mesenchymal Stem Cells Prevent Obstruction-Induced Renal Fibrosis. Journal of Surgical Research, 2011, 168, e51-e59.	0.8	74
10	The Immunomodulatory Properties of Mesenchymal Stem Cells: Implications for Surgical Disease. Journal of Surgical Research, 2011, 167, 78-86.	0.8	27
11	IL-6 and TGF-Î± Costimulate Mesenchymal Stem Cell Vascular Endothelial Growth Factor Production by ERK-, JNK-, and PI3K-Mediated Mechanisms. Shock, 2011, 35, 512-516.	1.0	37
12	Intravenous Infusion of Mesenchymal Stem Cells Is Associated With Improved Myocardial Function During Endotoxemia. Shock, 2011, 36, 235-241.	1.0	50
13	Exogenous high-mobility group box 1 improves myocardial recovery after acute global ischemia/reperfusion injury. Surgery, 2011, 149, 329-335.	1.0	25
14	Pretreatment with intracoronary mimosine improves postischemic myocardial functional recovery. Surgery, 2011, 150, 191-196.	1.0	4
15	Interleukin-10 protects the ischemic heart from reperfusion injury via the STAT3 pathway. Surgery, 2011, 150, 231-239.	1.0	42
16	Transforming growth factor-alpha does not protect myocardium during acute ischemia/reperfusion. Surgery, 2011, 150, 339-346.	1.0	1
17	Systemic pretreatment with dimethyloxalylglycine increases myocardial HIF-1Î± and VEGF production and improves functional recovery after acute ischemia/reperfusion. Surgery, 2011, 150, 278-283.	1.0	23
18	Intracoronary Mesenchymal Stem Cells Promote Postischemic Myocardial Functional Recovery, Decrease Inflammation, and Reduce Apoptosis via a Signal Transducer and Activator of Transcription 3 Mechanism. Journal of the American College of Surgeons, 2011, 213, 253-260.	0.2	42

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19	Transforming Growth Factor-Î± Enhances Stem Cell-Mediated Postischemic Myocardial Protection. Annals of Thoracic Surgery, 2011, 92, 1719-1725.	0.7	16
20	TNF RECEPTOR 2, NOT TNF RECEPTOR 1, ENHANCES MESENCHYMAL STEM CELL-MEDIATED CARDIAC PROTECTION FOLLOWING ACUTE ISCHEMIA. Shock, 2010, 33, 602-607.	1.0	54
21	ABLATION OF TNF-Î± RECEPTORS INFLUENCES MESENCHYMAL STEM CELL-MEDIATED CARDIAC PROTECTION AGAINST ISCHEMIA. Shock, 2010, 34, 236-242.	1.0	21
22	The Phosphoinositide-3 Kinase Survival Signaling Mechanism in Sepsis. Shock, 2010, 34, 442-449.	1.0	36
23	Gender Dimorphisms in Progenitor and Stem Cell Function in Cardiovascular Disease. Journal of Cardiovascular Translational Research, 2010, 3, 103-113.	1.1	35
24	Mesenchymal stem cells attenuate myocardial functional depression and reduce systemic and myocardial inflammation during endotoxemia. Surgery, 2010, 148, 444-452.	1.0	69
25	Signaling via GPR30 protects the myocardium from ischemia/reperfusion injury. Surgery, 2010, 148, 436-443.	1.0	75
26	TLR4 Inhibits Mesenchymal Stem Cell (MSC) STAT3 Activation and Thereby Exerts Deleterious Effects on MSCâ€“Mediated Cardioprotection. PLoS ONE, 2010, 5, e14206.	1.1	48
27	PRECONDITIONING MESENCHYMAL STEM CELLS WITH TRANSFORMING GROWTH FACTOR-ALPHA IMPROVES MESENCHYMAL STEM CELL-MEDIATED CARDIOPROTECTION. Shock, 2010, 33, 24-30.	1.0	141
28	Toll-like receptor 2 mediates mesenchymal stem cell-associated myocardial recovery and VEGF production following acute ischemia-reperfusion injury. American Journal of Physiology - Heart and Circulatory Physiology, 2010, 298, H1529-H1536.	1.5	39
29	Postinfarct intramyocardial injection of mesenchymal stem cells pretreated with TGF-Î± improves acute myocardial function. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2010, 299, R371-R378.	0.9	20
30	Medical and Surgical Treatment of Acute Right Ventricular Failure. Journal of the American College of Cardiology, 2010, 56, 1435-1446.	1.2	172
31	Therapeutic Applications of Mesenchymal Stem Cells to Repair Kidney Injury. Journal of Urology, 2010, 184, 26-33.	0.2	79
32	Animal Models of Myocardial and Vascular Injury. Journal of Surgical Research, 2010, 162, 239-249.	0.8	56
33	High glucose concentration in cell culture medium does not acutely affect human mesenchymal stem cell growth factor production or proliferation. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2009, 296, R1735-R1743.	0.9	74
34	Proinflammatory Stem Cell Signaling in Cardiac Ischemia. Antioxidants and Redox Signaling, 2009, 11, 1883-1896.	2.5	8
35	IL-18 neutralization ameliorates obstruction-induced epithelialâ€“mesenchymal transition and renal fibrosis. Kidney International, 2009, 76, 500-511.	2.6	86
36	Estrogen receptor Î² mediates increased activation of PI3K/Akt signaling and improved myocardial function in female hearts following acute ischemia. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2009, 296, R972-R978.	0.9	135

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37	MEK, p38, and PI-3K mediate cross talk between EGFR and TNFR in enhancing hepatocyte growth factor production from human mesenchymal stem cells. American Journal of Physiology - Cell Physiology, 2009, 297, C1284-C1293.	2.1	33
38	Mesenchymal stem cells enhance the viability and proliferation of human fetal intestinal epithelial cells following hypoxic injury via paracrine mechanisms. Surgery, 2009, 146, 190-197.	1.0	76
39	Both endogenous and exogenous testosterone decrease myocardial STAT3 activation and SOCS3 expression after acute ischemia and reperfusion. Surgery, 2009, 146, 138-144.	1.0	34
40	MEK mediates the novel cross talk between TNFR2 and TGF-EGFR in enhancing vascular endothelial growth factor (VEGF) secretion from human mesenchymal stem cells. Surgery, 2009, 146, 198-205.	1.0	25
41	Acute postischemic treatment with estrogen receptor-Î± agonist or estrogen receptor-Î² agonist improves myocardial recovery. Surgery, 2009, 146, 145-154.	1.0	33
42	Signal transducer and activator of transcription 3â€“stimulated hypoxia inducible factor-1Î± mediates estrogen receptor-Î±â€“induced mesenchymal stem cell vascular endothelial growth factor production. Journal of Thoracic and Cardiovascular Surgery, 2009, 138, 163-171.e1.	0.4	26
43	IL-18 binding protein-expressing mesenchymal stem cells improve myocardial protection after ischemia or infarction. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 17499-17504.	3.3	89
44	Estradiol-Treated Mesenchymal Stem Cells Improve Myocardial Recovery After Ischemia. Journal of Surgical Research, 2009, 152, 319-324.	0.8	57
45	Are Neonatal Stem Cells as Effective as Adult Stem Cells in Providing Ischemic Protection?. Journal of Surgical Research, 2009, 152, 325-330.	0.8	14
46	Role of Tumor Necrosis Factor Receptor 1 in Sex Differences of Stem Cell Mediated Cardioprotection. Annals of Thoracic Surgery, 2009, 87, 812-819.	0.7	15
47	Cell-Based Therapy for Ischemic Heart Disease: A Clinical Update. Annals of Thoracic Surgery, 2009, 88, 1714-1722.	0.7	39
48	Proinflammatory Cytokine Effects on Mesenchymal Stem Cell Therapy for the Ischemic Heart. Annals of Thoracic Surgery, 2009, 88, 1036-1043.	0.7	62
49	Î²-BLOCKERS IN SEPSIS. Shock, 2009, 31, 113-119.	1.0	55
50	ANGIOPOIETIN-1 IN THE TREATMENT OF ISCHEMIA AND SEPSIS. Shock, 2009, 31, 335-341.	1.0	24
51	Stem Cells in Sepsis. Annals of Surgery, 2009, 250, 19-27.	2.1	36
52	Stem Cell Therapy in Myocardial Repair and Remodeling. Journal of the American College of Surgeons, 2008, 207, 423-434.	0.2	23
53	Surgically relevant aspects of stem cell paracrine effects. Surgery, 2008, 143, 577-581.	1.0	78
54	Estrogen receptor beta mediates acute myocardial protection following ischemia. Surgery, 2008, 144, 233-238.	1.0	67

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55	Cytokines in Epithelial-Mesenchymal Transition: A New Insight Into Obstructive Nephropathy. Journal of Urology, 2008, 180, 461-468.	0.2	46
56	Tumor Necrosis Factor-Î± Induces Intrinsic Apoptotic Signaling During Renal Obstruction Through Truncated Bid Activation. Journal of Urology, 2008, 180, 2694-2700.	0.2	23
57	Stem cells as a potential future treatment of pediatric intestinal disorders. Journal of Pediatric Surgery, 2008, 43, 1953-1963.	0.8	42
58	Ethyl Pyruvate Inhibits Hypoxic Pulmonary Vasoconstriction and Attenuates Pulmonary Artery Cytokine Expression. Journal of Surgical Research, 2008, 145, 130-134.	0.8	12
59	The Right Heart and Its Distinct Mechanisms of Development, Function, and Failure. Journal of Surgical Research, 2008, 146, 304-313.	0.8	26
60	Postischemic Infusion of 17-Î²-Estradiol Protects Myocardial Function and Viability. Journal of Surgical Research, 2008, 146, 218-224.	0.8	20
61	The Effects of Endogenous Sex Hormones and Acute Hypoxia on Vasoconstriction in Isolated Rat Pulmonary Artery Rings. Journal of Surgical Research, 2008, 146, 121-126.	0.8	10
62	QS10. Pretreatment of Mesenchymal Stem Cells With Estradiol Enhances Their Ability to Improve Post-Ischemic Myocardial Functional Recovery. Journal of Surgical Research, 2008, 144, 274.	0.8	1
63	Vascular Endothelial Growth Factor Improves Myocardial Functional Recovery Following Ischemia/Reperfusion Injury. Journal of Surgical Research, 2008, 150, 286-292.	0.8	29
64	Females Exhibit Relative Resistance to Depressive Effects of Tumor Necrosis Factor-Î± on the Myocardium. Journal of Surgical Research, 2008, 150, 92-99.	0.8	7
65	Differential IL-6 and VEGF secretion in adult and neonatal mesenchymal stem cells: Role of NFkB. Cytokine, 2008, 43, 215-219.	1.4	55
66	VEGF is critical for stem cell-mediated cardioprotection and a crucial paracrine factor for defining the age threshold in adult and neonatal stem cell function. American Journal of Physiology - Heart and Circulatory Physiology, 2008, 295, H2308-H2314.	1.5	136
67	Deleterious effects of endogenous and exogenous testosterone on mesenchymal stem cell VEGF production. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2008, 294, R1498-R1503.	0.9	15
68	Selective estrogen receptor-Î± and estrogen receptor-Î² agonists rapidly decrease pulmonary artery vasoconstriction by a nitric oxide-dependent mechanism. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2008, 295, R1486-R1493.	0.9	65
69	TNFR1 signaling resistance associated with female stem cell cytokine production is independent of TNFR2-mediated pathways. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2008, 295, R1124-R1130.	0.9	6
70	Neonatal stem cells exhibit specific characteristics in function, proliferation, and cellular signaling that distinguish them from their adult counterparts. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2008, 294, R1491-R1497.	0.9	17
71	Embryonic stem cells attenuate myocardial dysfunction and inflammation after surgical global ischemia via paracrine actions. American Journal of Physiology - Heart and Circulatory Physiology, 2008, 295, H1726-H1735.	1.5	57
72	Testosterone exacerbates obstructive renal injury by stimulating TNF-Î± production and increasing proapoptotic and profibrotic signaling. American Journal of Physiology - Endocrinology and Metabolism, 2008, 294, E435-E443.	1.8	93

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73	TGF-Î± increases human mesenchymal stem cell-secreted VEGF by MEK- and PI3-K- but not JNK- or ERK-dependent mechanisms. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2008, 295, R1115-R1123.	0.9	61
74	Mechanisms of Sex Differences in TNFR2-Mediated Cardioprotection. Circulation, 2008, 118, S38-S45.	1.6	57
75	Human mesenchymal stem cells stimulated by TNF-Î±, LPS, or hypoxia produce growth factors by an NFÎºB- but not JNK-dependent mechanism. American Journal of Physiology - Cell Physiology, 2008, 294, C675-C682.	2.1	435
76	Nitric Oxide SUPPRESSES THE SECRETION OF VASCULAR ENDOTHELIAL GROWTH FACTOR AND HEPATOCYTE GROWTH FACTOR FROM HUMAN MESENCHYMAL STEM CELLS. Shock, 2008, 30, 527-531.	1.0	13
77	The effects of estrogen on pulmonary artery vasoreactivity and hypoxic pulmonary vasoconstriction: Potential new clinical implications for an old hormone. Critical Care Medicine, 2008, 36, 2174-2183.	0.4	72
78	PROESTRUS FEMALE RATS ARE MORE RESISTANT TO RIGHT VENTRICULAR PRESSURE OVERLOAD. Shock, 2008, 30, 318-323.	1.0	2
79	EXOGENOUS ESTROGEN RAPIDLY ATTENUATES PULMONARY ARTERY VASOREACTIVITY AND ACUTE HYPOXIC PULMONARY VASOCONSTRICTION. Shock, 2008, 30, 660-667.	1.0	38
80	INTERLEUKIN 18 IN THE HEART. Shock, 2008, 30, 3-10.	1.0	50
81	Sex Steroids and Stem Cell Function. Molecular Medicine, 2008, 14, 493-501.	1.9	112
82	Endothelial STAT3 plays a critical role in generalized myocardial proinflammatory and proapoptotic signaling. American Journal of Physiology - Heart and Circulatory Physiology, 2007, 293, H2101-H2108.	1.5	62
83	Right ventricular TNF resistance during endotoxemia: the differential effects on ventricular function. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2007, 293, R1893-R1897.	0.9	12
84	Endogenous estrogen attenuates pulmonary artery vasoreactivity and acute hypoxic pulmonary vasoconstriction: the effects of sex and menstrual cycle. American Journal of Physiology - Endocrinology and Metabolism, 2007, 293, E865-E871.	1.8	67
85	Sex differences in endothelial STAT3 mediate sex differences in myocardial inflammation. American Journal of Physiology - Endocrinology and Metabolism, 2007, 293, E872-E877.	1.8	16
86	Activation of individual tumor necrosis factor receptors differentially affects stem cell growth factor and cytokine production. American Journal of Physiology - Renal Physiology, 2007, 293, G657-G662.	1.6	37
87	Iron chelation acutely stimulates fetal human intestinal cell production of IL-6 and VEGF while decreasing HGF: the roles of p38, ERK, and JNK MAPK signaling. American Journal of Physiology - Renal Physiology, 2007, 292, G958-G963.	1.6	25
88	Deficiency of TNFR1 protects myocardium through SOCS3 and IL-6 but not p38 MAPK or IL-1Î². American Journal of Physiology - Heart and Circulatory Physiology, 2007, 292, H1694-H1699.	1.5	33
89	The struggle for iron: gastrointestinal microbes modulate the host immune response during infection. Journal of Leukocyte Biology, 2007, 81, 393-400.	1.5	50
90	THE CRITICAL ROLE OF VASCULAR ENDOTHELIAL GROWTH FACTOR IN PULMONARY VASCULAR REMODELING AFTER LUNG INJURY. Shock, 2007, 28, 4-14.	1.0	56

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91	SELECTIVE PROTEIN KINASE C INHIBITION ATTENUATES PULMONARY ARTERY CYTOKINE EXPRESSION WITHOUT AFFECTING HYPOXIC PULMONARY VASOCONSTRICTION. Shock, 2007, 27, 36-39.	1.0	5
92	STEM CELL MECHANISMS AND PARACRINE EFFECTS. Shock, 2007, 28, 375-383.	1.0	56
93	Stem cell delivery to the heart: Clarifying methodology and mechanism*. Critical Care Medicine, 2007, 35, 2654-2656.	0.4	13
94	Gender differences in injury induced mesenchymal stem cell apoptosis and VEGF, TNF, IL-6 expression: Role of the 55ÂkDa TNF receptor (TNFR1). Journal of Molecular and Cellular Cardiology, 2007, 42, 142-149.	0.9	128
95	STAT3 mediates bone marrow mesenchymal stem cell VEGF production. Journal of Molecular and Cellular Cardiology, 2007, 42, 1009-1015.	0.9	96
96	Stem Cells Improve Right Ventricular Functional Recovery After Acute Pressure Overload and Ischemia Reperfusion Injury. Journal of Surgical Research, 2007, 141, 241-246.	0.8	23
97	Mesenchymal Stem Cells Attenuate Hypoxic Pulmonary Vasoconstriction by a Paracrine Mechanism. Journal of Surgical Research, 2007, 143, 281-285.	0.8	68
98	The Effect of Chronic Exogenous Androgen on Myocardial Function Following Acute Ischemia-Reperfusion in Hosts with Different Baseline Levels of Sex Steroids. Journal of Surgical Research, 2007, 142, 113-118.	0.8	21
99	G-Protein-Coupled Receptor 30 Mediates Estrogen's Nongenomic Effects after Hemorrhagic Shock and Trauma. American Journal of Pathology, 2007, 170, 1148-1151.	1.9	23
100	In the adult mesenchymal stem cell population, source gender is a biologically relevant aspect of protective power. Surgery, 2007, 142, 215-221.	1.0	90
101	Differential Effects of Phosphodiesterase-5 Inhibitors on Hypoxic Pulmonary Vasoconstriction and Pulmonary Artery Cytokine Expression. Annals of Thoracic Surgery, 2006, 81, 272-278.	0.7	54
102	Does Endogenous Testosterone Mediate the Lower Preconditioning Threshold in Males?. Journal of Surgical Research, 2006, 131, 86-90.	0.8	6
103	TNF-Î± Neutralization Decreases Nuclear Factor-Î°B Activation and Apoptosis During Renal Obstruction. Journal of Surgical Research, 2006, 131, 182-188.	0.8	51
104	p38 Mitogen-Activated Protein Kinase Mediates the Sustained Phase of Hypoxic Pulmonary Vasoconstriction and Plays a Role in Phase I Vasodilation. Journal of Surgical Research, 2006, 134, 335-341.	0.8	15
105	Postconditioning in Females Depends on Injury Severity. Journal of Surgical Research, 2006, 134, 342-347.	0.8	36
106	17-Î²-Estradiol decreases p38 MAPK-mediated myocardial inflammation and dysfunction following acute ischemia. Journal of Molecular and Cellular Cardiology, 2006, 40, 205-212.	0.9	88
107	Therapeutic concepts for hypoxic pulmonary vasoconstriction involving ion regulation and the smooth muscle contractile apparatus. Journal of Molecular and Cellular Cardiology, 2006, 40, 751-760.	0.9	13
108	HIGH PASSAGE NUMBER OF STEM CELLS ADVERSELY AFFECTS STEM CELL ACTIVATION AND MYOCARDIAL PROTECTION. Shock, 2006, 26, 575-580.	1.0	156

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109	JAK/STAT/SOCS SIGNALING CIRCUITS AND ASSOCIATED CYTOKINE-MEDIATED INFLAMMATION AND HYPERTROPHY IN THE HEART. Shock, 2006, 26, 226-234.	1.0	96
110	EXPERIMENTAL THERAPIES FOR HYPOXIA-INDUCED PULMONARY HYPERTENSION DURING ACUTE LUNG INJURY. Shock, 2006, 25, 214-226.	1.0	23
111	CYTOKINES IN NECROTIZING ENTEROCOLITIS. Shock, 2006, 25, 329-337.	1.0	119
112	PRETREATMENT WITH ADULT PROGENITOR CELLS IMPROVES RECOVERY AND DECREASES NATIVE MYOCARDIAL PROINFLAMMATORY SIGNALING AFTER ISCHEMIA. Shock, 2006, 25, 454-459.	1.0	80
113	Preconditioning Versus Postconditioning: Mechanisms and Therapeutic Potentials. Journal of the American College of Surgeons, 2006, 202, 797-812.	0.2	80
114	SEX DIMORPHISMS IN ACTIVATED MESENCHYMAL STEM CELL FUNCTION. Shock, 2006, 26, 571-574.	1.0	56
115	Endogenous estrogen mediates a higher threshold for endotoxin-induced myocardial protection in females. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2006, 290, R27-R33.	0.9	15
116	Estrogen receptor-Î± mediates acute myocardial protection in females. American Journal of Physiology - Heart and Circulatory Physiology, 2006, 290, H2204-H2209.	1.5	163
117	Estrogen increases protective proteins following trauma and hemorrhage. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2006, 290, R809-R811.	0.9	25
118	Brief exposure to exogenous testosterone increases death signaling and adversely affects myocardial function after ischemia. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2006, 290, R1168-R1174.	0.9	46
119	Tumor Necrosis Factor Receptor 1 Signaling Resistance in the Female Myocardium During Ischemia. Circulation, 2006, 114, I-282-I-289.	1.6	51
120	Disparate IL-1Î² and iNOS Gene Expression in the Aorta and Pulmonary Artery after Endotoxemia. Surgical Infections, 2006, 7, 21-27.	0.7	7
121	Human progenitor cells from bone marrow or adipose tissue produce VEGF, HGF, and IGF-I in response to TNF by a p38 MAPK-dependent mechanism. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2006, 291, R880-R884.	0.9	274
122	SEX DIFFERENCES IN THE MYOCARDIAL INFLAMMATORY RESPONSE TO ACUTE INJURY. Shock, 2005, 23, 1-10.	1.0	165
123	Î²-blockade during sepsis: Inspired or insane?*. Critical Care Medicine, 2005, 33, 2433-2434.	0.4	8
124	ZAPRINAST ATTENUATES HYPOXIC PULMONARY ARTERY INJURY AND CAUSES LESS AORTIC RELAXATION THAN MILRINONE. Shock, 2005, 24, 417-420.	1.0	13
125	Endothelium-dependent pulmonary artery vasorelaxation is dysfunctional in males but not females after acute lung injury. Surgery, 2005, 138, 78-84.	1.0	13
126	Sexual dimorphism in myocardial tumor necrosis factor-Î± and cardiac function during endotoxin tolerance. Surgery, 2005, 138, 223-228.	1.0	7

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127	Aprotinin improves kidney function and decreases tubular cell apoptosis and proapoptotic signaling after renal ischemia-reperfusion. Journal of Thoracic and Cardiovascular Surgery, 2005, 130, 662.e1-662.e11.	0.4	32
128	Intracellular signaling mechanisms of sex hormones in acute myocardial inflammation and injury. Frontiers in Bioscience - Landmark, 2005, 10, 1835.	3.0	35
129	Sex differences in the myocardial inflammatory response to ischemia-reperfusion injury. American Journal of Physiology - Endocrinology and Metabolism, 2005, 288, E321-E326.	1.8	137
130	Cellular and molecular mechanisms of sex differences in renal ischemiaâ€“reperfusion injury. Cardiovascular Research, 2005, 67, 594-603.	1.8	106
131	Role of endogenous testosterone in myocardial proinflammatory and proapoptotic signaling after acute ischemia-reperfusion. American Journal of Physiology - Heart and Circulatory Physiology, 2005, 288, H221-H226.	1.5	108
132	Is the Preconditioning Threshold Different in Females?. Journal of Surgical Research, 2005, 125, 168-172.	0.8	14
133	Preconditioning: Gender Effects1. Journal of Surgical Research, 2005, 129, 202-220.	0.8	22
134	Stem Cell Transplantation as a Therapeutic Approach to Organ Failure1. Journal of Surgical Research, 2005, 129, 152-160.	0.8	43
135	p38 Mitogen Activated Protein Kinase Mediates Both Death Signaling and Functional Depression in the Heart. Annals of Thoracic Surgery, 2005, 80, 2235-2241.	0.7	37
136	Endothelial monocyte-activating polypeptide II causes NOS-dependent pulmonary artery vasodilation: a novel effect for a proinflammatory cytokine. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2004, 287, R767-R771.	0.9	25
137	Hypoxic pulmonary vasoconstriction and pulmonary artery tissue cytokine expression are mediated by protein kinase C. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2004, 287, L1215-L1219.	1.3	48
138	UNILATERAL URETERAL OBSTRUCTION INDUCES RENAL TUBULAR CELL PRODUCTION OF TUMOR NECROSIS FACTOR-Î± INDEPENDENT OF INFLAMMATORY CELL INFILTRATION. Journal of Urology, 2004, 172, 1595-1599.	0.2	44
139	Inflammatory mediators and growth factors in obstructive renal injury. Journal of Surgical Research, 2004, 119, 149-159.	0.8	69
140	Preconditioning up-regulates the soluble TNF receptor I response to endotoxin. Journal of Surgical Research, 2004, 121, 20-24.	0.8	27
141	Hypoxic pulmonary vasoconstriction in cardiothoracic surgery: basic mechanisms to potential therapies. Annals of Thoracic Surgery, 2004, 78, 360-368.	0.7	46
142	P38 MAPK Mediates Myocardial Proinflammatory Cytokine Production and Endotoxin-Induced Contractile Suppression. Shock, 2004, 21, 170-174.	1.0	60
143	Preconditioning: Evolution of Basic Mechanisms to Potential Therapeutic Strategies. Shock, 2004, 21, 195-209.	1.0	54
144	On-pump coronary artery bypass surgery activates human myocardial NF-ÎºB and increases TNF-Î± in the heart. Journal of Surgical Research, 2003, 112, 175-179.	0.8	29

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145	The role of estrogen in cardiovascular disease. Journal of Surgical Research, 2003, 115, 325-344.	0.8	139
146	Liposomal Delivery of Heat Shock Protein 72 Into Renal Tubular Cells Blocks Nuclear Factor-Î¹B Activation, Tumor Necrosis Factor-Î± Production, and Subsequent Ischemia-Induced Apoptosis. Circulation Research, 2003, 92, 293-299.	2.0	95
147	TNF-Î±-dependent bilateral renal injury is induced by unilateral renal ischemia-reperfusion. American Journal of Physiology - Heart and Circulatory Physiology, 2002, 282, H540-H546.	1.5	87
148	The abdominal compartment syndrome is a morbid complication of postinjury damage control surgery. American Journal of Surgery, 2001, 182, 542-546.	0.9	193
149	L-type Blockers Inhibit Myocardial Preconditioning. Journal of Molecular and Cellular Cardiology, 2000, 32, 861-862.	0.9	2
150	EARLY RENAL ISCHEMIA, WITH OR WITHOUT REPERFUSION, ACTIVATES NFÎ¹B AND INCREASES TNF-Î± BIOACTIVITY IN THE KIDNEY. Journal of Urology, 2000, 163, 1328-1332.	0.2	137
151	EARLY RENAL ISCHEMIA, WITH OR WITHOUT REPERFUSION, ACTIVATES NF??B AND INCREASES TNF-?? BIOACTIVITY IN THE KIDNEY. Journal of Urology, 2000, , 1328-1332.	0.2	6
152	Adrenergic induction of bimodal myocardial protection: signal transduction and cardiac gene reprogramming. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1999, 276, R1525-R1533.	0.9	9
153	Early kidney TNF-Î± expression mediates neutrophil infiltration and injury after renal ischemia-reperfusion. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1999, 277, R922-R929.	0.9	161
154	Inhibition of Myocardial TNF-alpha Production by Heat Shock: A Potential Mechanism of Stress-Induced Cardioprotection against Postischemic Dysfunctiona. Annals of the New York Academy of Sciences, 1999, 874, 69-82.	1.8	31
155	Kinetics of interleukin-11 release after cardiopulmonary bypass. Journal of Thoracic and Cardiovascular Surgery, 1999, 118, 193-195.	0.4	2
156	REVIEW ARTICLE: THE ROLE OF TUMOR NECROSIS FACTOR IN RENAL ISCHEMIA-REPERFUSION INJURY. Journal of Urology, 1999, 162, 196-203.	0.2	249
157	Liposomal delivery of heat-shock protein 72 into the heart prevents endotoxin-induced myocardial contractile dysfunction. Surgery, 1999, 126, 135-141.	1.0	20
158	Therapeutic Strategies to Reduce TNF-Î±Mediated Cardiac Contractile Depression Following Ischemia and Reperfusion. Journal of Molecular and Cellular Cardiology, 1999, 31, 931-947.	0.9	87
159	Clinical L-Type Ca2+Channel Blockade Prevents Ischemic Preconditioning of Human Myocardium. Journal of Molecular and Cellular Cardiology, 1999, 31, 2191-2197.	0.9	23
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