Anirban Banerjee

List of Publications by Year
in descending order

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161 papers	8,612 citations	44069 48 h-index	49909 87 g-index
161 all docs	161 docs citations	161 times ranked	7606 citing authors

#	Article	IF	Citations
1	The Î±-globin chain of hemoglobin potentiates tissue plasminogen activator induced hyperfibrinolysis in vitro. Journal of Trauma and Acute Care Surgery, 2022, 92, 159-166.	2.1	1
2	Succinate Activation of SUCNR1 Predisposes Severely Injured Patients to Neutrophil-mediated ARDS. Annals of Surgery, 2022, 276, e944-e954.	4.2	21
3	Apolipoprotein A-I, elevated in trauma patients, inhibits platelet activation and decreases clot strength. Platelets, 2022, 33, 1119-1131.	2.3	5
4	Do not drink and lyse: alcohol intoxication increases fibrinolysis shutdown in injured patients. European Journal of Trauma and Emergency Surgery, 2021, 47, 1827-1835.	1.7	4
5	Effects of Blood Components and Whole Blood in a Model of Severe Trauma-Induced Coagulopathy. Journal of Surgical Research, 2021, 259, 55-61.	1.6	4
6	28â€day thawed plasma maintains Î± 2 â€antiplasmin levels and inhibits tPAâ€induced fibrinolysis. Vox Sanguinis, 2021, 116, 181-189.	1.5	1
7	Alternative Complement Pathway Activation Provokes a Hypercoagulable State with Diminished Fibrinolysis. Shock, 2020, 53, 560-565.	2.1	11
8	Liver X Receptor (LXR) Is a Novel and Reversible Regulator of Trauma-Induced Coagulopathy. Blood, 2020, 136, 2-2.	1.4	0
9	Whole blood thrombin generation is distinct from plasma thrombin generation in healthy volunteers and after severe injury. Surgery, 2019, 166, 1122-1127.	1.9	12
10	Trauma Resuscitation Consideration: Sex Matters. Journal of the American College of Surgeons, 2019, 228, 760-768e1.	0.5	43
11	Cardiac and Skeletal Muscle Myosin Exert Procoagulant Effects. Shock, 2019, 52, 554-555.	2.1	11
12	Selective organ ischaemia/reperfusion identifies liver as the key driver of the post-injury plasma metabolome derangements. Blood Transfusion, 2019, 17, 347-356.	0.4	5
13	Thrombin stimulates increased plasminogen activator inhibitor-1 release from liver compared to lung endothelium. Journal of Surgical Research, 2018, 225, 1-5.	1.6	13
14	Thrombin Provokes Degranulation of Platelet Î±-Granules Leading to the Release of Active Plasminogen Activator Inhibitor-1 (PAI-1). Shock, 2018, 50, 671-676.	2.1	37
15	Systemic hyperfibrinolysis after trauma: a pilot study of targeted proteomic analysis of superposed mechanisms in patient plasma. Journal of Trauma and Acute Care Surgery, 2018, 84, 929-938.	2.1	28
16	The Metabolopathy of Tissue Injury, Hemorrhagic Shock, and Resuscitation in a Rat Model. Shock, 2018, 49, 580-590.	2.1	18
17	All animals are equal but some animals are more equal than others: Plasma lactate and succinate in hemorrhagic shockâ€"A comparison in rodents, swine, nonhuman primates, and injured patients. Journal of Trauma and Acute Care Surgery, 2018, 84, 537-541.	2.1	21
18	A comparison of different methods of red blood cell leukoreduction and additive solutions on the accumulation of neutrophilâ€priming activity during storage. Transfusion, 2018, 58, 2003-2012.	1.6	7

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19	Trauma and hemorrhagic shock activate molecular association of 5-lipoxygenase and 5-lipoxygenaseâ€“Activating protein in lung tissue. Journal of Surgical Research, 2018, 229, 262-270.	1.6	10
20	Microfluidics contrasted to thrombelastography: perplexities in defining hypercoagulability. Journal of Surgical Research, 2018, 231, 54-61.	1.6	5
21	Plasma-first resuscitation to treat haemorrhagic shock during emergency ground transportation in an urban area: a randomised trial. Lancet, The, 2018, 392, 283-291.	13.7	252
22	Rotational thromboelastometry thresholds for patients at risk for massive transfusion. Journal of Surgical Research, 2018, 228, 154-159.	1.6	20
23	Hemoglobin-based oxygen carriers promote systemic hyperfibrinolysis that is both dependent and independent of plasmin. Journal of Surgical Research, 2017, 213, 166-170.	1.6	7
24	Correlation of preâ€•operative plasma protein concentrations in cardiac surgery patients with bleeding outcomes using a targeted quantitative proteomics approach. Proteomics - Clinical Applications, 2017, 11, 1600175.	1.6	5
25	Hemorrhagic shock and tissue injury drive distinct plasma metabolome derangements in swine. Journal of Trauma and Acute Care Surgery, 2017, 83, 635-642.	2.1	29
26	Freezeâ€•dried plasma enhances clot formation and inhibits fibrinolysis in the presence of tissue plasminogen activator similar to pooled liquid plasma. Transfusion, 2017, 57, 2007-2015.	1.6	47
27	Viscoelastic Tissue Plasminogen Activator Challenge Predicts Massive Transfusion in 15 Minutes. Journal of the American College of Surgeons, 2017, 225, 138-147.	0.5	36
28	Thrombelastography indicates limitations of animal models of trauma-induced coagulopathy. Journal of Surgical Research, 2017, 217, 207-212.	1.6	16
29	Plasma succinate is a predictor of mortality in critically injured patients. Journal of Trauma and Acute Care Surgery, 2017, 83, 491-495.	2.1	66
30	Platelet adenosine diphosphate receptor inhibition provides no advantage in predicting need for platelet transfusion or massive transfusion. Surgery, 2017, 162, 1286-1294.	1.9	20
31	The hypercoagulability paradox of chronic kidney disease: The role of fibrinogen. American Journal of Surgery, 2017, 214, 1215-1218.	1.8	35
32	Discussion of: â€œThe hypercoagulability paradox of chronic kidney disease: The role of fibrinogenâ€• American Journal of Surgery, 2017, 214, 1219.	1.8	0
33	Supernatants and lipids from stored red blood cells activate pulmonary microvascular endothelium through the BLT2 receptor and protein kinase C activation. Transfusion, 2017, 57, 2690-2700.	1.6	12
34	The role of NIGMS P50 sponsored team science in our understanding of multiple organ failure. Journal of Trauma and Acute Care Surgery, 2017, 83, 520-531.	2.1	12
35	LysoPCs induce Hck- and PKCÎ´-mediated activation of PKCÎ³ causing p47phox phosphorylation and membrane translocation in neutrophils. Journal of Leukocyte Biology, 2017, 101, 261-273.	3.3	14
36	Red blood cells in hemorrhagic shock: a critical role for glutaminolysis in fueling alanine transamination in rats. Blood Advances, 2017, 1, 1296-1305.	5.2	28

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37	Hypertonic saline attenuates the cytokine-induced pro-inflammatory signature in primary human lung epithelia. PLoS ONE, 2017, 12, e0189536.	2.5	13
38	Plasma First Resuscitation Reduces Lactate Acidosis, Enhances Redox Homeostasis, Amino Acid and Purine Catabolism in a Rat Model of Profound Hemorrhagic Shock. Shock, 2016, 46, 173-182.	2.1	17
39	Glutamine metabolism drives succinate accumulation in plasma and the lung during hemorrhagic shock. Journal of Trauma and Acute Care Surgery, 2016, 81, 1012-1019.	2.1	30
40	Antibodies to major histocompatibility complex class II antigens directly prime neutrophils and cause acute lung injury in a twoâ€event in vivo rat model. Transfusion, 2016, 56, 3004-3011.	1.6	13
41	Rationale for the selective administration of tranexamic acid to inhibit fibrinolysis in the severely injured patient. Transfusion, 2016, 56, S110-4.	1.6	92
42	Hypertonic Saline Primes Activation of the p53â€“p21 Signaling Axis in Human Small Airway Epithelial Cells That Prevents Inflammation Induced by Pro-inflammatory Cytokines. Journal of Proteome Research, 2016, 15, 3813-3826.	3.7	11
43	Metabolomics of trauma-associated death: shared and fluid-specific features of human plasma vs lymph. Blood Transfusion, 2016, 14, 185-94.	0.4	17
44	Trauma/hemorrhagic shock instigates aberrant metabolic flux through glycolytic pathways, as revealed by preliminary 13C-glucose labeling metabolomics. Journal of Translational Medicine, 2015, 13, 253.	4.4	44
45	Fibrinolysis shutdown phenotype masks changes in rodent coagulation in tissue injury versus hemorrhagic shock. Surgery, 2015, 158, 386-392.	1.9	63
46	Î±-Enolase Causes Proinflammatory Activation of Pulmonary Microvascular Endothelial Cells and Primes Neutrophils Through Plasmin Activation of Protease-Activated Receptor 2. Shock, 2015, 44, 137-142.	2.1	19
47	A â€œCLEAN CASEâ€•OF SYSTEMIC INJURY. Shock, 2015, 44, 336-340.	2.1	21
48	Routine storage of red blood cell (<scp>RBC</scp>) units in additive solutionâ€3: a comprehensive investigation of the <scp>RBC</scp> metabolome. Transfusion, 2015, 55, 1155-1168.	1.6	117
49	Shock releases bile acidinducing platelet inhibition and fibrinolysis. Journal of Surgical Research, 2015, 195, 390-395.	1.6	36
50	Early hemorrhage triggers metabolic responses that build up during prolonged shock. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2015, 308, R1034-R1044.	1.8	57
51	Plasma Is the Physiologic Buffer of Tissue Plasminogen Activator-Mediated Fibrinolysis: Rationale for Plasma-First Resuscitation after Life-Threatening Hemorrhage. Journal of the American College of Surgeons, 2015, 220, 872-879.	0.5	45
52	Thrombelastographic pattern recognition in renal disease and trauma. Journal of Surgical Research, 2015, 194, 1-7.	1.6	17
53	Pathologic metabolism. Journal of Trauma and Acute Care Surgery, 2015, 78, 742-751.	2.1	62
54	Proteomics of apheresis platelet supernatants during routine storage: Gender-related differences. Journal of Proteomics, 2015, 112, 190-209.	2.4	23

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55	Hyperosmolarity Invokes Distinct Anti-Inflammatory Mechanisms in Pulmonary Epithelial Cells: Evidence from Signaling and Transcription Layers. PLoS ONE, 2014, 9, e114129.	2.5	26
56	Clathrin complexes with the inhibitor kappa B kinase signalosome: imaging the interactome. Physiological Reports, 2014, 2, e12035.	1.7	5
57	Lymph Is Not a Plasma Ultrafiltrate. Shock, 2014, 42, 485-498.	2.1	34
58	Mesenteric lymph diversion abrogates 5-lipoxygenase activation in the kidney following trauma and hemorrhagic shock. Journal of Trauma and Acute Care Surgery, 2014, 76, 1214-1221.	2.1	16
59	Dynamic Changes in Rat Mesenteric Lymph Proteins Following Trauma Using Label-Free Mass Spectrometry. Shock, 2014, 42, 509-517.	2.1	32
60	Hyperfibrinolysis, physiologic fibrinolysis, and fibrinolysis shutdown. Journal of Trauma and Acute Care Surgery, 2014, 77, 811-817.	2.1	376
61	Hyperosmolarity Attenuates TNF-Î±â€“Mediated Proinflammatory Activation of Human Pulmonary Microvascular Endothelial Cells. Shock, 2013, 39, 366-372.	2.1	22
62	Hypertonic Saline Inhibits Arachidonic Acid Priming of the Human Neutrophil Oxidase. Journal of Surgical Research, 2012, 174, 24-28.	1.6	13
63	DC Maturation and Function are Not Altered by Melanoma-Derived Immunosuppressive Soluble Factors. Journal of Surgical Research, 2012, 176, 301-308.	1.6	6
64	Proteomic analyses of human plasma: Venus versus Mars. Transfusion, 2012, 52, 417-424.	1.6	48
65	Cross-Transfusion of Postshock Mesenteric Lymph Provokes Acute Lung Injury. Journal of Surgical Research, 2011, 170, 314-8.	1.6	18
66	Activated Platelets in Heparinized Shed Blood. Shock, 2011, 36, 595-603.	2.1	16
67	Proteomic Analysis of Human Mesenteric Lymph. Shock, 2011, 35, 331-338.	2.1	42
68	Lysophosphatidylcholines activate G2A inducing GÎ±i-1-/GÎ±q/11- Ca2+ flux, GÎ²Î³-Hck activation and clathrin/Î²-arrestin-1/GRK6 recruitment in PMNs. Biochemical Journal, 2010, 432, 35-45.	3.7	38
69	Tumor necrosis factor-Î± causes release of cytosolic interleukin-18 from human neutrophils. American Journal of Physiology - Cell Physiology, 2010, 298, C714-C724.	4.6	10
70	Amantadine inhibits platelet-activating factor induced clathrin-mediated endocytosis in human neutrophils. American Journal of Physiology - Cell Physiology, 2009, 297, C886-C897.	4.6	19
71	Proteome and system ontology of hemorrhagic shock: Exploring early constitutive changes in postshock mesenteric lymph. Surgery, 2009, 146, 347-357.	1.9	42
72	Hemoglobin-Based Oxygen Carrier Induces Heme Oxygenase-1 in the Heart and Lung but Not Brain. Journal of the American College of Surgeons, 2009, 208, 592-598.	0.5	14

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73	Red Blood Cell Supernatant Potentiates LPS-Induced Proinflammatory Cytokine Response From Peripheral Blood Mononuclear Cells. Journal of Interferon and Cytokine Research, 2009, 29, 333-338.	1.2	40
74	Cytokines Link Toll-Like Receptor 4 Signaling to Cardiac Dysfunction After Global Myocardial Ischemia. Annals of Thoracic Surgery, 2008, 85, 1678-1685.	1.3	64
75	Lipopolysaccharide Stimulation of Human Aortic Valve Interstitial Cells Activates Inflammation and Osteogenesis. Annals of Thoracic Surgery, 2008, 86, 71-76.	1.3	57
76	Platelet-Activating Factor-Mediated Endosome Formation Causes Membrane Translocation of p67phox and p40phox That Requires Recruitment and Activation of p38 MAPK, Rab5a, and Phosphatidylinositol 3-Kinase in Human Neutrophils. Journal of Immunology, 2008, 180, 8192-8203.	0.8	33
77	Critical role of extracellular heat shock cognate protein 70 in the myocardial inflammatory response and cardiac dysfunction after global ischemia-reperfusion. American Journal of Physiology - Heart and Circulatory Physiology, 2008, 294, H2805-H2813.	3.2	88
78	Arachidonic acid in postshock mesenteric lymph induces pulmonary synthesis of leukotriene B₄. Journal of Applied Physiology, 2008, 104, 1161-1166.	2.5	44
79	EXPORTIN 1 INHIBITION ATTENUATES NUCLEAR FACTOR-ÎºB-DEPENDENT GENE EXPRESSION. Shock, 2008, 29, 160-166.	2.1	4
80	Melanoma Induces Immunosuppression by Up-Regulating FOXP3+ Regulatory T Cells. Journal of Surgical Research, 2007, 141, 72-77.	1.6	66
81	Postshock Mesenteric Lymph Induces Endothelial NF-ÎºB Activation. Journal of Surgical Research, 2007, 143, 136-140.	1.6	15
82	Gelsolin is Depleted in Post-Shock Mesenteric Lymph. Journal of Surgical Research, 2007, 143, 130-135.	1.6	22
83	HMGB1 and LPS induce distinct patterns of gene expression and activation in neutrophils from patients with sepsis-induced acute lung injury. Intensive Care Medicine, 2007, 33, 1829-1839.	8.2	78
84	BIOACTIVITY OF POSTSHOCK MESENTERIC LYMPH DEPENDS ON THE DEPTH AND DURATION OF HEMORRHAGIC SHOCK. Shock, 2006, 26, 285-289.	2.1	31
85	High mobility group box 1 protein interacts with multiple Toll-like receptors. American Journal of Physiology - Cell Physiology, 2006, 290, C917-C924.	4.6	805
86	Platelet-Activating Factor-Induced Clathrin-Mediated Endocytosis Requires Î²-Arrestin-1 Recruitment and Activation of the p38 MAPK Signalosome at the Plasma Membrane for Actin Bundle Formation. Journal of Immunology, 2006, 176, 7039-7050.	0.8	69
87	Glutamine Attenuation of Cell Death and Inducible Nitric Oxide Synthase Expression Following Inflammatory Cytokineâ€Induced Injury Is Dependent on Heat Shock Factorâ€1 Expression. Journal of Parenteral and Enteral Nutrition, 2006, 30, 400-407.	2.6	26
88	INSIGHTS FROM STUDIES OF BLOOD SUBSTITUTES IN TRAUMA. Shock, 2005, 24, 197-205.	2.1	72
89	Glutamine attenuates endotoxin-induced lung metabolic dysfunction: Potential role of enhanced heat shock protein 70. Nutrition, 2005, 21, 214-223.	2.4	85
90	Structural organization of the neutrophil NADPH oxidase: phosphorylation and translocation during priming and activation. Journal of Leukocyte Biology, 2005, 78, 1025-1042.	3.3	301

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91	Systemic Neutrophil Priming by Lipid Mediators in Post-Shock Mesenteric Lymph Exists Across Species. Journal of Trauma, 2004, 57, 950-954.	2.3	34
92	Monocyte chemotactic protein-1 directly induces human vascular smooth muscle proliferation. American Journal of Physiology - Heart and Circulatory Physiology, 2002, 283, H1455-H1461.	3.2	74
93	ICAM-1 and VCAM-1 mediate endotoxemic myocardial dysfunction independent of neutrophil accumulation. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2002, 283, R477-R486.	1.8	79
94	Ischemia Alone is Sufficient to Induce TNF-?? mRNA and Peptide in the Myocardium. Shock, 2002, 17, 114-119.	2.1	82
95	Presence of the M-type sPLA₂receptor on neutrophils and its role in elastase release and adhesion. American Journal of Physiology - Cell Physiology, 2002, 283, C1102-C1113.	4.6	70
96	Physiological levels of interleukin-18 stimulate multiple neutrophil functions through p38 MAP kinase activation. Journal of Leukocyte Biology, 2002, 72, 401-9.	3.3	55
97	Vascular cell adhesion moleculeâ€“1 expression is obligatory for endotoxin-induced myocardial neutrophil accumulation and contractile dysfunction. Surgery, 2001, 130, 319-325.	1.9	43
98	Organelle Studies: Mitochondria, Golgi, and Endoplasmic Reticulum. , 2001, , 285-296.		0
99	Bench to Bedside Tumor Necrosis Factor-alpha: From Inflammation to Resuscitation. Academic Emergency Medicine, 2000, 7, 930-941.	1.8	33
100	Protein kinase C zeta isoform is critical for proliferation in human glioblastoma cell lines. Journal of Neuro-Oncology, 2000, 47, 109-115.	2.9	33
101	L-type Blockers Inhibit Myocardial Preconditioning. Journal of Molecular and Cellular Cardiology, 2000, 32, 861-862.	1.9	2
102	Adenosine Preconditioning Reduces Both Pre and Postischemic Arrhythmias in Human Myocardium. Journal of Surgical Research, 2000, 90, 191-196.	1.6	21
103	Selective mitochondrial KATP channel opening controls human myocardial preconditioning: Too much of a good thing?. Surgery, 2000, 128, 368-373.	1.9	18
104	Selective mitochondrial adenosine triphosphateâ€“sensitive potassium channel activation is sufficient to precondition human myocardium. Journal of Thoracic and Cardiovascular Surgery, 2000, 120, 387-392.	0.8	18
105	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.	1.8	9
106	Liposomal Delivery of Purified Inhibitory-ÎºBÎ± Inhibits Tumor Necrosis Factor-Î±â€“Induced Human Vascular Smooth Muscle Proliferation. Circulation Research, 1999, 84, 867-875.	4.5	85
107	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.	3.8	31
108	Laboratory Study: Ischemic Preconditioning Attenuates Functional, Metabolic, and Morphologic Injury from Ischemic Acute Renal Failure in the Rat. Renal Failure, 1999, 21, 135-145.	2.1	105

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109	Liposomal delivery of heat-shock protein 72 into the heart prevents endotoxin-induced myocardial contractile dysfunction. Surgery, 1999, 126, 135-141.	1.9	20
110	The NFÎºB inhibitory peptide, IÎºBÎ±, prevents human vascular smooth muscle proliferation. Annals of Thoracic Surgery, 1999, 67, 1227-1231.	1.3	34
111	Clinical L-Type Ca2+Channel Blockade Prevents Ischemic Preconditioning of Human Myocardium. Journal of Molecular and Cellular Cardiology, 1999, 31, 2191-2197.	1.9	23
112	p38 MAPK Inhibition Decreases TNF-Î± Production and Enhances Postischemic Human Myocardial Function. Journal of Surgical Research, 1999, 83, 7-12.	1.6	98
113	LPS-Induced NF-ÎºB Activation and TNF-Î± Release in Human Monocytes Are Protein Tyrosine Kinase Dependent and Protein Kinase C Independent. Journal of Surgical Research, 1999, 83, 69-74.	1.6	51
114	Calcium Preconditioning, but Not Ischemic Preconditioning, Bypasses the Adenosine Triphosphate-Dependent Potassium (KATP) Channel. Journal of Surgical Research, 1999, 85, 77-82.	1.6	2
115	Exogenous Calcium Preconditions Myocardium from Patients Taking Oral Sulfonylurea Agents. Journal of Surgical Research, 1999, 86, 171-176.	1.6	3
116	Tumor necrosis factor-alpha and interleukin-1 beta synergistically depress human myocardial function. Critical Care Medicine, 1999, 27, 1309-1318.	0.9	393
117	Calcium Preconditioning in Human Myocardium. Annals of Thoracic Surgery, 1998, 65, 1065-1070.	1.3	34
118	Human SERCA2a levels correlate inversely with age in senescent human myocardium. Journal of the American College of Cardiology, 1998, 32, 458-467.	2.8	112
119	Interleukin-10 Inhibits Human Vascular Smooth Muscle Proliferation. Journal of Molecular and Cellular Cardiology, 1998, 30, 889-896.	1.9	54
120	Human Myocardial Tissue TNF Expression Following Acute Global Ischemia. Journal of Molecular and Cellular Cardiology, 1998, 30, 1683-1689.	1.9	85
121	Adenosine Reduces Cardiac TNF-Î± Production and Human Myocardial Injury Following Ischemia-Reperfusion. Journal of Surgical Research, 1998, 76, 117-123.	1.6	81
122	Therapeutic Antidysrhythmic and Functional Protection in Human Atria. Journal of Surgical Research, 1998, 76, 143-148.	1.6	12
123	Signal Divergence and Convergence in Cardiac Adaptation. Advances in Organ Biology, 1998, , 155-179.	0.1	0
124	TISSUE-SPECIFIC PROTEIN KINASE C ISOFORMS DIFFERENTIALLY MEDIATE MACROPHAGE TNFÎ± AND IL-1Î² PRODUCTION. Shock, 1998, 9, 256-260.	2.1	36
125	Mechanisms of pH preservation during global ischemia in preconditioned rat heart: roles for PKC and NHE. American Journal of Physiology - Heart and Circulatory Physiology, 1998, 275, H805-H813.	3.2	20
126	Increased levels of myocardial IÎºB-Î± protein promote tolerance to endotoxin. American Journal of Physiology - Heart and Circulatory Physiology, 1998, 275, H1084-H1091.	3.2	28

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127	TNF-Î± and myocardial depression in endotoxemic rats: temporal discordance of an obligatory relationship. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1998, 275, R502-R508.	1.8	31
128	Myocardial gene reprogramming associated with a cardiac cross-resistant state induced by LPS preconditioning. American Journal of Physiology - Cell Physiology, 1998, 275, C475-C483.	4.6	39
129	Ischemic preconditioning triggers tyrosine kinase signaling: a potential role for MAPKAP kinase 2. American Journal of Physiology - Heart and Circulatory Physiology, 1998, 275, H1857-H1864.	3.2	85
130	NITRIC OXIDE SYNTHASE IS NOT INVOLVED IN CARDIAC CONTRACTILE DYSFUNCTION IN A RAT MODEL OF ENDOTOXEMIA WITHOUT SHOCK. Shock, 1997, 7, 111-118.	2.1	51
131	Adenosine Preconditioning of Human Myocardium is Dependent upon the ATP-sensitive K+Channel. Journal of Molecular and Cellular Cardiology, 1997, 29, 175-182.	1.9	101
132	Protein Kinase C Isoform Diversity in Preconditioning. Journal of Surgical Research, 1997, 69, 183-187.	1.6	39
133	Surgical implications of vascular endothelial physiology. Surgery, 1997, 122, 516-526.	1.9	18
134	Preconditioning and Hypothermic Cardioplegia Protect Human Heart Equally Against Ischemia. Annals of Thoracic Surgery, 1997, 63, 147-152.	1.3	34
135	LPS induces late cardiac functional protection against ischemia independent of cardiac and circulating TNF-Î±. American Journal of Physiology - Heart and Circulatory Physiology, 1997, 273, H1894-H1902.	3.2	21
136	Adaptive and Maladaptive Mechanisms of Cellular Priming. Annals of Surgery, 1997, 226, 587-598.	4.2	60
137	Oral Sulfonylurea Hypoglycemic Agents Prevent Ischemic Preconditioning in Human Myocardium. Circulation, 1997, 96, 29-32.	1.6	250
138	Stress-Induced Cardioadaptation Reveals a Code Linking Hormone Receptors and Spatial Redistribution of PKC Isoforms. Annals of the New York Academy of Sciences, 1996, 793, 226-239.	3.8	16
139	Hypoxia/Reoxygenation of Human Endothelium Activates PMNs to Detach Endothelial Cells via a PAF Mechanism. Journal of Surgical Research, 1996, 61, 459-462.	1.6	22
140	Î±-Adrenergic Preservation of Myocardial pH during Ischemia Is PKC Isoform Dependent. Journal of Surgical Research, 1996, 63, 324-327.	1.6	16
141	Calcium-Induced Inotropy Is in Part Mediated by Protein Kinase C. Journal of Surgical Research, 1996, 63, 400-405.	1.6	23
142	Differential Effects of Adenosine Preconditioning on the Postischemic Rat Myocardium. Journal of Surgical Research, 1996, 65, 159-164.	1.6	16
143	Cardiac surgical implications of calcium dyshomeostasis in the heart. Annals of Thoracic Surgery, 1996, 61, 1273-1280.	1.3	60
144	Optimal myocardial preservation: Cooling, cardioplegia, and conditioning. Annals of Thoracic Surgery, 1996, 61, 760-768.	1.3	36

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145	The obligate role of protein kinase C in mediating clinically accessible cardiac preconditioning. Surgery, 1996, 120, 345-353.	1.9	30
146	CONSTRUCTIVE PRIMING OF MYOCARDIUM AGAINST ISCHEMIA-REPERFUSION INJURY. Shock, 1996, 6, 238-242.	2.1	33
147	Cardiac preconditioning with calcium: Clinically accessible myocardial protection. Journal of Thoracic and Cardiovascular Surgery, 1996, 112, 778-786.	0.8	66
148	Integration of Adenosine and Noradrenergic Pathways in Cardiac Preconditioning. Developments in Cardiovascular Medicine, 1996, , 499-512.	0.1	0
149	Reperfused Gut Elaborates PAF That Chemoattracts and Primes Neutrophils. Journal of Surgical Research, 1995, 58, 636-640.	1.6	55
150	Early Neutrophil Sequestration after Injury. Arteriosclerosis, Thrombosis, and Vascular Biology, 1995, 39, 411-417.	2.4	216
151	Preconditioning of Isolated Rat Heart Is Mediated by Protein Kinase C. Circulation Research, 1995, 76, 73-81.	4.5	358
152	THE POSTISCHEMIC GUT SERVES AS A PRIMING BED FOR CIRCULATING NEUTROPHILS THAT PROVOKE MULTIPLE ORGAN FAILURE. Journal of Trauma, 1994, 37, 881-887.	2.3	301
153	Phospholipase A2 Regulates Critical Inflammatory Mediators of Multiple Organ Failure. Journal of Surgical Research, 1994, 56, 199-205.	1.6	83
154	Gut ischemia/reperfusion produces lung injury independent of endotoxin. Critical Care Medicine, 1994, 22, 1438-1444.	0.9	130
155	TRAUMA PRIMES CELLS. Shock, 1994, 1, 388.	2.1	35
156	Simultaneous Liver and Lung Injury Following Gut Ischemia is Mediated by Xanthine Oxidase. Journal of Trauma, 1992, 32, 723-728.	2.3	70
157	Endotoxin after gut ischemia/reperfusion causes irreversible lung injury. Journal of Surgical Research, 1992, 52, 656-662.	1.6	99
158	Gut and liver coordinated metabolic response following major torso injury. Journal of Surgical Research, 1992, 52, 27-33.	1.6	13
159	Excavations in drug chirality: 1. Cyclothiazide. Chirality, 1991, 3, 2-13.	2.6	11
160	Induction of endogenous tissue antioxidant enzyme activity attenuates myocardial reperfusion injury. Journal of Surgical Research, 1990, 49, 126-131.	1.6	27
161	Xanthine oxidase-derived oxygen radicals induce pulmonary edema via direct endothelial cell injury. Journal of Surgical Research, 1989, 46, 355-360.	1.6	59