

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
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161
all docs

161
docs citations

161
times ranked

7606
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Tumor necrosis factor-alpha and interleukin-1 beta synergistically depress human myocardial function. Critical Care Medicine, 1999, 27, 1309-1318.	0.9	393
3	Hyperfibrinolysis, physiologic fibrinolysis, and fibrinolysis shutdown. Journal of Trauma and Acute Care Surgery, 2014, 77, 811-817.	2.1	376
4	Preconditioning of Isolated Rat Heart Is Mediated by Protein Kinase C. Circulation Research, 1995, 76, 73-81.	4.5	358
5	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
6	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
7	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
8	Oral Sulfonylurea Hypoglycemic Agents Prevent Ischemic Preconditioning in Human Myocardium. Circulation, 1997, 96, 29-32.	1.6	250
9	Early Neutrophil Sequestration after Injury. Arteriosclerosis, Thrombosis, and Vascular Biology, 1995, 39, 411-417.	2.4	216
10	Gut ischemia/reperfusion produces lung injury independent of endotoxin. Critical Care Medicine, 1994, 22, 1438-1444.	0.9	130
11	Routine storage of red blood cell (<sc>RBC</sc>) units in additive solutionâ€³: a comprehensive investigation of the <sc>RBC</sc> metabolome. Transfusion, 2015, 55, 1155-1168.	1.6	117
12	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
13	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
14	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
15	Endotoxin after gut ischemia/reperfusion causes irreversible lung injury. Journal of Surgical Research, 1992, 52, 656-662.	1.6	99
16	p38 MAPK Inhibition Decreases TNF-Î± Production and Enhances Postischemic Human Myocardial Function. Journal of Surgical Research, 1999, 83, 7-12.	1.6	98
17	Rationale for the selective administration of tranexamic acid to inhibit fibrinolysis in the severely injured patient. Transfusion, 2016, 56, S110-4.	1.6	92
18	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

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19	Human Myocardial Tissue TNF Expression Following Acute Global Ischemia. <i>Journal of Molecular and Cellular Cardiology</i> , 1998, 30, 1683-1689.	1.9	85
20	Ischemic preconditioning triggers tyrosine kinase signaling: a potential role for MAPKAP kinase 2. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 1998, 275, H1857-H1864.	3.2	85
21	Liposomal Delivery of Purified Inhibitory-Î±Î± Inhibits Tumor Necrosis Factor-Î±-Induced Human Vascular Smooth Muscle Proliferation. <i>Circulation Research</i> , 1999, 84, 867-875.	4.5	85
22	Glutamine attenuates endotoxin-induced lung metabolic dysfunction: Potential role of enhanced heat shock protein 70. <i>Nutrition</i> , 2005, 21, 214-223.	2.4	85
23	Phospholipase A2 Regulates Critical Inflammatory Mediators of Multiple Organ Failure. <i>Journal of Surgical Research</i> , 1994, 56, 199-205.	1.6	83
24	Ischemia Alone is Sufficient to Induce TNF-?? mRNA and Peptide in the Myocardium. <i>Shock</i> , 2002, 17, 114-119.	2.1	82
25	Adenosine Reduces Cardiac TNF-Î± Production and Human Myocardial Injury Following Ischemia-Reperfusion. <i>Journal of Surgical Research</i> , 1998, 76, 117-123.	1.6	81
26	ICAM-1 and VCAM-1 mediate endotoxemic myocardial dysfunction independent of neutrophil accumulation. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2002, 283, R477-R486.	1.8	79
27	HMGB1 and LPS induce distinct patterns of gene expression and activation in neutrophils from patients with sepsis-induced acute lung injury. <i>Intensive Care Medicine</i> , 2007, 33, 1829-1839.	8.2	78
28	Monocyte chemotactic protein-1 directly induces human vascular smooth muscle proliferation. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2002, 283, H1455-H1461.	3.2	74
29	INSIGHTS FROM STUDIES OF BLOOD SUBSTITUTES IN TRAUMA. <i>Shock</i> , 2005, 24, 197-205.	2.1	72
30	Simultaneous Liver and Lung Injury Following Gut Ischemia is Mediated by Xanthine Oxidase. <i>Journal of Trauma</i> , 1992, 32, 723-728.	2.3	70
31	Presence of the M-type sPLA₂ receptor on neutrophils and its role in elastase release and adhesion. <i>American Journal of Physiology - Cell Physiology</i> , 2002, 283, C1102-C1113.	4.6	70
32	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. <i>Journal of Immunology</i> , 2006, 176, 7039-7050.	0.8	69
33	Cardiac preconditioning with calcium: Clinically accessible myocardial protection. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1996, 112, 778-786.	0.8	66
34	Melanoma Induces Immunosuppression by Up-Regulating FOXP3+ Regulatory T Cells. <i>Journal of Surgical Research</i> , 2007, 141, 72-77.	1.6	66
35	Plasma succinate is a predictor of mortality in critically injured patients. <i>Journal of Trauma and Acute Care Surgery</i> , 2017, 83, 491-495.	2.1	66
36	Cytokines Link Toll-Like Receptor 4 Signaling to Cardiac Dysfunction After Global Myocardial Ischemia. <i>Annals of Thoracic Surgery</i> , 2008, 85, 1678-1685.	1.3	64

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37	Fibrinolysis shutdown phenotype masks changes in rodent coagulation in tissue injury versus hemorrhagic shock. <i>Surgery</i> , 2015, 158, 386-392.	1.9	63
38	Pathologic metabolism. <i>Journal of Trauma and Acute Care Surgery</i> , 2015, 78, 742-751.	2.1	62
39	Cardiac surgical implications of calcium dyshomeostasis in the heart. <i>Annals of Thoracic Surgery</i> , 1996, 61, 1273-1280.	1.3	60
40	Adaptive and Maladaptive Mechanisms of Cellular Priming. <i>Annals of Surgery</i> , 1997, 226, 587-598.	4.2	60
41	Xanthine oxidase-derived oxygen radicals induce pulmonary edema via direct endothelial cell injury. <i>Journal of Surgical Research</i> , 1989, 46, 355-360.	1.6	59
42	Lipopolysaccharide Stimulation of Human Aortic Valve Interstitial Cells Activates Inflammation and Osteogenesis. <i>Annals of Thoracic Surgery</i> , 2008, 86, 71-76.	1.3	57
43	Early hemorrhage triggers metabolic responses that build up during prolonged shock. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015, 308, R1034-R1044.	1.8	57
44	Reperfused Gut Elaborates PAF That Chemoattracts and Primes Neutrophils. <i>Journal of Surgical Research</i> , 1995, 58, 636-640.	1.6	55
45	Physiological levels of interleukin-18 stimulate multiple neutrophil functions through p38 MAP kinase activation. <i>Journal of Leukocyte Biology</i> , 2002, 72, 401-9.	3.3	55
46	Interleukin-10 Inhibits Human Vascular Smooth Muscle Proliferation. <i>Journal of Molecular and Cellular Cardiology</i> , 1998, 30, 889-896.	1.9	54
47	NITRIC OXIDE SYNTHASE IS NOT INVOLVED IN CARDIAC CONTRACTILE DYSFUNCTION IN A RAT MODEL OF ENDOTOXEMIA WITHOUT SHOCK. <i>Shock</i> , 1997, 7, 111-118.	2.1	51
48	LPS-Induced NF- κ B Activation and TNF- α Release in Human Monocytes Are Protein Tyrosine Kinase Dependent and Protein Kinase C Independent. <i>Journal of Surgical Research</i> , 1999, 83, 69-74.	1.6	51
49	Proteomic analyses of human plasma: Venus versus Mars. <i>Transfusion</i> , 2012, 52, 417-424.	1.6	48
50	Freeze-dried plasma enhances clot formation and inhibits fibrinolysis in the presence of tissue plasminogen activator similar to pooled liquid plasma. <i>Transfusion</i> , 2017, 57, 2007-2015.	1.6	47
51	Plasma Is the Physiologic Buffer of Tissue Plasminogen Activator-Mediated Fibrinolysis: Rationale for Plasma-First Resuscitation after Life-Threatening Hemorrhage. <i>Journal of the American College of Surgeons</i> , 2015, 220, 872-879.	0.5	45
52	Arachidonic acid in postshock mesenteric lymph induces pulmonary synthesis of leukotriene B ₄ . <i>Journal of Applied Physiology</i> , 2008, 104, 1161-1166.	2.5	44
53	Trauma/hemorrhagic shock instigates aberrant metabolic flux through glycolytic pathways, as revealed by preliminary ¹³ C-glucose labeling metabolomics. <i>Journal of Translational Medicine</i> , 2015, 13, 253.	4.4	44
54	Vascular cell adhesion molecule-1 expression is obligatory for endotoxin-induced myocardial neutrophil accumulation and contractile dysfunction. <i>Surgery</i> , 2001, 130, 319-325.	1.9	43

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55	Trauma Resuscitation Consideration: Sex Matters. Journal of the American College of Surgeons, 2019, 228, 760-768e1.	0.5	43
56	Proteome and system ontology of hemorrhagic shock: Exploring early constitutive changes in postshock mesenteric lymph. Surgery, 2009, 146, 347-357.	1.9	42
57	Proteomic Analysis of Human Mesenteric Lymph. Shock, 2011, 35, 331-338.	2.1	42
58	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
59	Protein Kinase C Isoform Diversity in Preconditioning. Journal of Surgical Research, 1997, 69, 183-187.	1.6	39
60	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
61	Lysophosphatidylcholines activate G2A inducing $G\beta_1-1/G\beta_q/11$ - Ca^{2+} flux, $G\beta_3$ -Hck activation and clathrin/ β -arrestin-1/GRK6 recruitment in PMNs. Biochemical Journal, 2010, 432, 35-45.	3.7	38
62	Thrombin Provokes Degranulation of Platelet α -Granules Leading to the Release of Active Plasminogen Activator Inhibitor-1 (PAI-1). Shock, 2018, 50, 671-676.	2.1	37
63	Optimal myocardial preservation: Cooling, cardioplegia, and conditioning. Annals of Thoracic Surgery, 1996, 61, 760-768.	1.3	36
64	TISSUE-SPECIFIC PROTEIN KINASE C ISOFORMS DIFFERENTIALLY MEDIATE MACROPHAGE $TNF\alpha$ AND $IL-1\beta$ PRODUCTION. Shock, 1998, 9, 256-260.	2.1	36
65	Shock releases bile acid inducing platelet inhibition and fibrinolysis. Journal of Surgical Research, 2015, 195, 390-395.	1.6	36
66	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
67	TRAUMA PRIMES CELLS. Shock, 1994, 1, 388.	2.1	35
68	The hypercoagulability paradox of chronic kidney disease: The role of fibrinogen. American Journal of Surgery, 2017, 214, 1215-1218.	1.8	35
69	Preconditioning and Hypothermic Cardioplegia Protect Human Heart Equally Against Ischemia. Annals of Thoracic Surgery, 1997, 63, 147-152.	1.3	34
70	Calcium Preconditioning in Human Myocardium. Annals of Thoracic Surgery, 1998, 65, 1065-1070.	1.3	34
71	The $NF\kappa B$ inhibitory peptide, $I\kappa B\alpha$, prevents human vascular smooth muscle proliferation. Annals of Thoracic Surgery, 1999, 67, 1227-1231.	1.3	34
72	Systemic Neutrophil Priming by Lipid Mediators in Post-Shock Mesenteric Lymph Exists Across Species. Journal of Trauma, 2004, 57, 950-954.	2.3	34

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73	Lymph Is Not a Plasma Ultrafiltrate. <i>Shock</i> , 2014, 42, 485-498.	2.1	34
74	CONSTRUCTIVE PRIMING OF MYOCARDIUM AGAINST ISCHEMIA-REPERFUSION INJURY. <i>Shock</i> , 1996, 6, 238-242.	2.1	33
75	Bench to Bedside Tumor Necrosis Factor-alpha: From Inflammation to Resuscitation. <i>Academic Emergency Medicine</i> , 2000, 7, 930-941.	1.8	33
76	Protein kinase C zeta isoform is critical for proliferation in human glioblastoma cell lines. <i>Journal of Neuro-Oncology</i> , 2000, 47, 109-115.	2.9	33
77	Platelet-Activating Factor-Mediated Endosome Formation Causes Membrane Translocation of p67 ^{phox} and p40 ^{phox} That Requires Recruitment and Activation of p38 MAPK, Rab5a, and Phosphatidylinositol 3-Kinase in Human Neutrophils. <i>Journal of Immunology</i> , 2008, 180, 8192-8203.	0.8	33
78	Dynamic Changes in Rat Mesenteric Lymph Proteins Following Trauma Using Label-Free Mass Spectrometry. <i>Shock</i> , 2014, 42, 509-517.	2.1	32
79	TNF- α and myocardial depression in endotoxemic rats: temporal discordance of an obligatory relationship. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1998, 275, R502-R508.	1.8	31
80	Inhibition of Myocardial TNF-alpha Production by Heat Shock: A Potential Mechanism of Stress-Induced Cardioprotection against Postischemic Dysfunction. <i>Annals of the New York Academy of Sciences</i> , 1999, 874, 69-82.	3.8	31
81	BIOACTIVITY OF POSTSHOCK MESENTERIC LYMPH DEPENDS ON THE DEPTH AND DURATION OF HEMORRHAGIC SHOCK. <i>Shock</i> , 2006, 26, 285-289.	2.1	31
82	The obligate role of protein kinase C in mediating clinically accessible cardiac preconditioning. <i>Surgery</i> , 1996, 120, 345-353.	1.9	30
83	Glutamine metabolism drives succinate accumulation in plasma and the lung during hemorrhagic shock. <i>Journal of Trauma and Acute Care Surgery</i> , 2016, 81, 1012-1019.	2.1	30
84	Hemorrhagic shock and tissue injury drive distinct plasma metabolome derangements in swine. <i>Journal of Trauma and Acute Care Surgery</i> , 2017, 83, 635-642.	2.1	29
85	Increased levels of myocardial β -tubulin protein promote tolerance to endotoxin. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 1998, 275, H1084-H1091.	3.2	28
86	Red blood cells in hemorrhagic shock: a critical role for glutaminolysis in fueling alanine transamination in rats. <i>Blood Advances</i> , 2017, 1, 1296-1305.	5.2	28
87	Systemic hyperfibrinolysis after trauma: a pilot study of targeted proteomic analysis of superposed mechanisms in patient plasma. <i>Journal of Trauma and Acute Care Surgery</i> , 2018, 84, 929-938.	2.1	28
88	Induction of endogenous tissue antioxidant enzyme activity attenuates myocardial reperfusion injury. <i>Journal of Surgical Research</i> , 1990, 49, 126-131.	1.6	27
89	Glutamine Attenuation of Cell Death and Inducible Nitric Oxide Synthase Expression Following Inflammatory Cytokine-Induced Injury Is Dependent on Heat Shock Factor-1 Expression. <i>Journal of Parenteral and Enteral Nutrition</i> , 2006, 30, 400-407.	2.6	26
90	Hyperosmolarity Invokes Distinct Anti-Inflammatory Mechanisms in Pulmonary Epithelial Cells: Evidence from Signaling and Transcription Layers. <i>PLoS ONE</i> , 2014, 9, e114129.	2.5	26

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91	Calcium-Induced Inotropy Is in Part Mediated by Protein Kinase C. <i>Journal of Surgical Research</i> , 1996, 63, 400-405.	1.6	23
92	Clinical L-Type Ca ²⁺ Channel Blockade Prevents Ischemic Preconditioning of Human Myocardium. <i>Journal of Molecular and Cellular Cardiology</i> , 1999, 31, 2191-2197.	1.9	23
93	Proteomics of apheresis platelet supernatants during routine storage: Gender-related differences. <i>Journal of Proteomics</i> , 2015, 112, 190-209.	2.4	23
94	Hypoxia/Reoxygenation of Human Endothelium Activates PMNs to Detach Endothelial Cells via a PAF Mechanism. <i>Journal of Surgical Research</i> , 1996, 61, 459-462.	1.6	22
95	Gelsolin is Depleted in Post-Shock Mesenteric Lymph. <i>Journal of Surgical Research</i> , 2007, 143, 130-135.	1.6	22
96	Hyperosmolarity Attenuates TNF- α -Mediated Proinflammatory Activation of Human Pulmonary Microvascular Endothelial Cells. <i>Shock</i> , 2013, 39, 366-372.	2.1	22
97	LPS induces late cardiac functional protection against ischemia independent of cardiac and circulating TNF- α . <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 1997, 273, H1894-H1902.	3.2	21
98	Adenosine Preconditioning Reduces Both Pre and Postischemic Arrhythmias in Human Myocardium. <i>Journal of Surgical Research</i> , 2000, 90, 191-196.	1.6	21
99	A "CLEAN CASE" OF SYSTEMIC INJURY. <i>Shock</i> , 2015, 44, 336-340.	2.1	21
100	All animals are equal but some animals are more equal than others: Plasma lactate and succinate in hemorrhagic shock—A comparison in rodents, swine, nonhuman primates, and injured patients. <i>Journal of Trauma and Acute Care Surgery</i> , 2018, 84, 537-541.	2.1	21
101	Succinate Activation of SUCNR1 Predisposes Severely Injured Patients to Neutrophil-mediated ARDS. <i>Annals of Surgery</i> , 2022, 276, e944-e954.	4.2	21
102	Mechanisms of pH preservation during global ischemia in preconditioned rat heart: roles for PKC and NHE. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 1998, 275, H805-H813.	3.2	20
103	Liposomal delivery of heat-shock protein 72 into the heart prevents endotoxin-induced myocardial contractile dysfunction. <i>Surgery</i> , 1999, 126, 135-141.	1.9	20
104	Platelet adenosine diphosphate receptor inhibition provides no advantage in predicting need for platelet transfusion or massive transfusion. <i>Surgery</i> , 2017, 162, 1286-1294.	1.9	20
105	Rotational thromboelastometry thresholds for patients at risk for massive transfusion. <i>Journal of Surgical Research</i> , 2018, 228, 154-159.	1.6	20
106	Amantadine inhibits platelet-activating factor induced clathrin-mediated endocytosis in human neutrophils. <i>American Journal of Physiology - Cell Physiology</i> , 2009, 297, C886-C897.	4.6	19
107	α -Enolase Causes Proinflammatory Activation of Pulmonary Microvascular Endothelial Cells and Primes Neutrophils Through Plasmin Activation of Protease-Activated Receptor 2. <i>Shock</i> , 2015, 44, 137-142.	2.1	19
108	Surgical implications of vascular endothelial physiology. <i>Surgery</i> , 1997, 122, 516-526.	1.9	18

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109	Selective mitochondrial KATP channel opening controls human myocardial preconditioning: Too much of a good thing?. <i>Surgery</i> , 2000, 128, 368-373.	1.9	18
110	Selective mitochondrial adenosine triphosphate-sensitive potassium channel activation is sufficient to precondition human myocardium. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2000, 120, 387-392.	0.8	18
111	Cross-Transfusion of Postshock Mesenteric Lymph Provokes Acute Lung Injury. <i>Journal of Surgical Research</i> , 2011, 170, 314-8.	1.6	18
112	The Metabolopathy of Tissue Injury, Hemorrhagic Shock, and Resuscitation in a Rat Model. <i>Shock</i> , 2018, 49, 580-590.	2.1	18
113	Thrombelastographic pattern recognition in renal disease and trauma. <i>Journal of Surgical Research</i> , 2015, 194, 1-7.	1.6	17
114	Plasma First Resuscitation Reduces Lactate Acidosis, Enhances Redox Homeostasis, Amino Acid and Purine Catabolism in a Rat Model of Profound Hemorrhagic Shock. <i>Shock</i> , 2016, 46, 173-182.	2.1	17
115	Metabolomics of trauma-associated death: shared and fluid-specific features of human plasma vs lymph. <i>Blood Transfusion</i> , 2016, 14, 185-94.	0.4	17
116	Stress-Induced Cardioadaptation Reveals a Code Linking Hormone Receptors and Spatial Redistribution of PKC Isoforms. <i>Annals of the New York Academy of Sciences</i> , 1996, 793, 226-239.	3.8	16
117	Î±-Adrenergic Preservation of Myocardial pH during Ischemia Is PKC Isoform Dependent. <i>Journal of Surgical Research</i> , 1996, 63, 324-327.	1.6	16
118	Differential Effects of Adenosine Preconditioning on the Postischemic Rat Myocardium. <i>Journal of Surgical Research</i> , 1996, 65, 159-164.	1.6	16
119	Activated Platelets in Heparinized Shed Blood. <i>Shock</i> , 2011, 36, 595-603.	2.1	16
120	Mesenteric lymph diversion abrogates 5-lipoxygenase activation in the kidney following trauma and hemorrhagic shock. <i>Journal of Trauma and Acute Care Surgery</i> , 2014, 76, 1214-1221.	2.1	16
121	Thrombelastography indicates limitations of animal models of trauma-induced coagulopathy. <i>Journal of Surgical Research</i> , 2017, 217, 207-212.	1.6	16
122	Postshock Mesenteric Lymph Induces Endothelial NF-Î±B Activation. <i>Journal of Surgical Research</i> , 2007, 143, 136-140.	1.6	15
123	Hemoglobin-Based Oxygen Carrier Induces Heme Oxygenase-1 in the Heart and Lung but Not Brain. <i>Journal of the American College of Surgeons</i> , 2009, 208, 592-598.	0.5	14
124	LysoPCs induce Hck- and PKCÎ²-mediated activation of PKCÎ³ causing p47^{phox} phosphorylation and membrane translocation in neutrophils. <i>Journal of Leukocyte Biology</i> , 2017, 101, 261-273.	3.3	14
125	Gut and liver coordinated metabolic response following major torso injury. <i>Journal of Surgical Research</i> , 1992, 52, 27-33.	1.6	13
126	Hypertonic Saline Inhibits Arachidonic Acid Priming of the Human Neutrophil Oxidase. <i>Journal of Surgical Research</i> , 2012, 174, 24-28.	1.6	13

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127	Antibodies to major histocompatibility complex class II antigens directly prime neutrophils and cause acute lung injury in a two-event in vivo rat model. <i>Transfusion</i> , 2016, 56, 3004-3011.	1.6	13
128	Thrombin stimulates increased plasminogen activator inhibitor-1 release from liver compared to lung endothelium. <i>Journal of Surgical Research</i> , 2018, 225, 1-5.	1.6	13
129	Hypertonic saline attenuates the cytokine-induced pro-inflammatory signature in primary human lung epithelia. <i>PLoS ONE</i> , 2017, 12, e0189536.	2.5	13
130	Therapeutic Antidysrhythmic and Functional Protection in Human Atria. <i>Journal of Surgical Research</i> , 1998, 76, 143-148.	1.6	12
131	Supernatants and lipids from stored red blood cells activate pulmonary microvascular endothelium through the BLT2 receptor and protein kinase C activation. <i>Transfusion</i> , 2017, 57, 2690-2700.	1.6	12
132	The role of NIGMS P50 sponsored team science in our understanding of multiple organ failure. <i>Journal of Trauma and Acute Care Surgery</i> , 2017, 83, 520-531.	2.1	12
133	Whole blood thrombin generation is distinct from plasma thrombin generation in healthy volunteers and after severe injury. <i>Surgery</i> , 2019, 166, 1122-1127.	1.9	12
134	Excavations in drug chirality: 1. Cyclothiazide. <i>Chirality</i> , 1991, 3, 2-13.	2.6	11
135	Hypertonic Saline Primes Activation of the p53-p21 Signaling Axis in Human Small Airway Epithelial Cells That Prevents Inflammation Induced by Pro-inflammatory Cytokines. <i>Journal of Proteome Research</i> , 2016, 15, 3813-3826.	3.7	11
136	Cardiac and Skeletal Muscle Myosin Exert Procoagulant Effects. <i>Shock</i> , 2019, 52, 554-555.	2.1	11
137	Alternative Complement Pathway Activation Provokes a Hypercoagulable State with Diminished Fibrinolysis. <i>Shock</i> , 2020, 53, 560-565.	2.1	11
138	Tumor necrosis factor- α causes release of cytosolic interleukin-18 from human neutrophils. <i>American Journal of Physiology - Cell Physiology</i> , 2010, 298, C714-C724.	4.6	10
139	Trauma and hemorrhagic shock activate molecular association of 5-lipoxygenase and 5-lipoxygenase-Activating protein in lung tissue. <i>Journal of Surgical Research</i> , 2018, 229, 262-270.	1.6	10
140	Adrenergic induction of bimodal myocardial protection: signal transduction and cardiac gene reprogramming. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1999, 276, R1525-R1533.	1.8	9
141	Hemoglobin-based oxygen carriers promote systemic hyperfibrinolysis that is both dependent and independent of plasmin. <i>Journal of Surgical Research</i> , 2017, 213, 166-170.	1.6	7
142	A comparison of different methods of red blood cell leukoreduction and additive solutions on the accumulation of neutrophil-priming activity during storage. <i>Transfusion</i> , 2018, 58, 2003-2012.	1.6	7
143	DC Maturation and Function are Not Altered by Melanoma-Derived Immunosuppressive Soluble Factors. <i>Journal of Surgical Research</i> , 2012, 176, 301-308.	1.6	6
144	Clathrin complexes with the inhibitor kappa B kinase signalosome: imaging the interactome. <i>Physiological Reports</i> , 2014, 2, e12035.	1.7	5

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145	Correlation of preoperative plasma protein concentrations in cardiac surgery patients with bleeding outcomes using a targeted quantitative proteomics approach. <i>Proteomics - Clinical Applications</i> , 2017, 11, 1600175.	1.6	5
146	Microfluidics contrasted to thrombelastography: perplexities in defining hypercoagulability. <i>Journal of Surgical Research</i> , 2018, 231, 54-61.	1.6	5
147	Selective organ ischaemia/reperfusion identifies liver as the key driver of the post-injury plasma metabolome derangements. <i>Blood Transfusion</i> , 2019, 17, 347-356.	0.4	5
148	Apolipoprotein A-I, elevated in trauma patients, inhibits platelet activation and decreases clot strength. <i>Platelets</i> , 2022, 33, 1119-1131.	2.3	5
149	EXPORTIN 1 INHIBITION ATTENUATES NUCLEAR FACTOR- κ B-DEPENDENT GENE EXPRESSION. <i>Shock</i> , 2008, 29, 160-166.	2.1	4
150	Do not drink and lyse: alcohol intoxication increases fibrinolysis shutdown in injured patients. <i>European Journal of Trauma and Emergency Surgery</i> , 2021, 47, 1827-1835.	1.7	4
151	Effects of Blood Components and Whole Blood in a Model of Severe Trauma-Induced Coagulopathy. <i>Journal of Surgical Research</i> , 2021, 259, 55-61.	1.6	4
152	Exogenous Calcium Preconditions Myocardium from Patients Taking Oral Sulfonylurea Agents. <i>Journal of Surgical Research</i> , 1999, 86, 171-176.	1.6	3
153	Calcium Preconditioning, but Not Ischemic Preconditioning, Bypasses the Adenosine Triphosphate-Dependent Potassium (KATP) Channel. <i>Journal of Surgical Research</i> , 1999, 85, 77-82.	1.6	2
154	L-type Blockers Inhibit Myocardial Preconditioning. <i>Journal of Molecular and Cellular Cardiology</i> , 2000, 32, 861-862.	1.9	2
155	The α -globin chain of hemoglobin potentiates tissue plasminogen activator induced hyperfibrinolysis in vitro. <i>Journal of Trauma and Acute Care Surgery</i> , 2022, 92, 159-166.	2.1	1
156	28-day thawed plasma maintains α 2-antiplasmin levels and inhibits tPA-induced fibrinolysis. <i>Vox Sanguinis</i> , 2021, 116, 181-189.	1.5	1
157	Signal Divergence and Convergence in Cardiac Adaptation. <i>Advances in Organ Biology</i> , 1998, , 155-179.	0.1	0
158	Discussion of: "The hypercoagulability paradox of chronic kidney disease: The role of fibrinogen". <i>American Journal of Surgery</i> , 2017, 214, 1219.	1.8	0
159	Organelle Studies: Mitochondria, Golgi, and Endoplasmic Reticulum. , 2001, , 285-296.		0
160	Integration of Adenosine and Noradrenergic Pathways in Cardiac Preconditioning. <i>Developments in Cardiovascular Medicine</i> , 1996, , 499-512.	0.1	0
161	Liver X Receptor (LXR) Is a Novel and Reversible Regulator of Trauma-Induced Coagulopathy. <i>Blood</i> , 2020, 136, 2-2.	1.4	0