Martin G Schwacha

List of Publications by Year
in descending order

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168 papers	7,714 citations	47006 47 h-index	69250 77 g-index
169 all docs	169 docs citations	169 times ranked	6114 citing authors

#	Article	IF	Citations
1	CECAL LIGATION AND PUNCTURE. Shock, 2005, 24, 52-57.	2.1	588
2	EFFECT OF GENDER AND SEX HORMONES ON IMMUNE RESPONSES FOLLOWING SHOCK. Shock, 2000, 14, 81-90.	2.1	474
3	Macrophages and post-burn immune dysfunction. Burns, 2003, 29, 1-14.	1.9	272
4	GENDER DIFFERENCES IN THE INFLAMMATORY RESPONSE AND SURVIVAL FOLLOWING HAEMORRHAGE AND SUBSEQUENT SEPSIS. Cytokine, 2001, 14, 162-169.	3.2	219
5	Female Sex Hormones Regulate Macrophage Function After Trauma-Hemorrhage and Prevent Increased Death Rate From Subsequent Sepsis. Annals of Surgery, 2002, 235, 105-112.	4.2	169
6	Sex steroids regulate pro- and anti-inflammatory cytokine release by macrophages after trauma-hemorrhage. American Journal of Physiology - Cell Physiology, 1999, 277, C35-C42.	4.6	153
7	GENDER DIFFERENCES IN ACUTE RESPONSE TO TRAUMA-HEMORRHAGE. Shock, 2005, 24, 101-106.	2.1	134
8	17Î²-Estradiol normalizes immune responses in ovariectomized females after trauma-hemorrhage. American Journal of Physiology - Cell Physiology, 2001, 281, C1131-C1138.	4.6	122
9	IMMUNE DYSFUNCTION FOLLOWING TRAUMA-HAEMORRHAGE: INFLUENCE OF GENDER AND AGE. Cytokine, 2000, 12, 69-77.	3.2	111
10	In Vivo Blockage of Nitric Oxide with Aminoguanidine Inhibits Immunosuppression Induced by an Attenuated Strain ofSalmonella typhimurium, PotentiatesSalmonellaInfection, and Inhibits Macrophage and Polymorphonuclear Leukocyte Influx into the Spleen. Infection and Immunity, 1999, 67, 891-898.	2.2	104
11	Upregulation of mitochondrial respiratory complex IV by estrogen receptor-Î² is critical for inhibiting mitochondrial apoptotic signaling and restoring cardiac functions following traumaâ€“hemorrhage. Journal of Molecular and Cellular Cardiology, 2006, 41, 511-521.	1.9	100
12	G Protein-Coupled Receptor 30-Dependent Protein Kinase A Pathway Is Critical in Nongenomic Effects of Estrogen in Attenuating Liver Injury after Trauma-Hemorrhage. American Journal of Pathology, 2007, 170, 1210-1218.	3.8	99
13	Moderate Traumatic Brain Injury Alters the Gastrointestinal Microbiome in a Time-Dependent Manner. Shock, 2019, 52, 240-248.	2.1	99
14	Tissue-specific expression of estrogen receptors and their role in the regulation of neutrophil infiltration in various organs following trauma-hemorrhage. Journal of Leukocyte Biology, 2006, 79, 963-970.	3.3	88
15	The cellular basis of post-burn immunosuppression: macrophages and mediators. International Journal of Molecular Medicine, 2002, 10, 239-43.	4.0	85
16	The role of MAPK in Kupffer cell toll-like receptor (TLR) 2-, TLR4-, and TLR9-mediated signaling following trauma-hemorrhage. Journal of Cellular Physiology, 2007, 210, 667-675.	4.1	84
17	Damage-associated molecular patterns (DAMPs) released after burn are associated with inflammation and monocyte activation. Burns, 2017, 43, 297-303.	1.9	84
18	The role of interleukin-10 in the regulation of the systemic inflammatory response following trauma-hemorrhage. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2004, 1689, 22-32.	3.8	81

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19	ANDROGEN AND ESTROGEN RECEPTORS IN SPLENIC T LYMPHOCYTES: EFFECTS OF FLUTAMIDE AND TRAUMA-HEMORRHAGE. Shock, 2000, 14, 465-470.	2.1	76
20	The role of Î³Î´ T cells in the regulation of neutrophil-mediated tissue damage after thermal injury. Journal of Leukocyte Biology, 2004, 76, 545-552.	3.3	75
21	Trauma-Hemorrhage Induces Depressed Splenic Dendritic Cell Functions in Mice. Journal of Immunology, 2006, 177, 4514-4520.	0.8	75
22	THE AROMATASE INHIBITOR, 4-HYDROXYANDROSTENEDIONE, RESTORES IMMUNE RESPONSES FOLLOWING TRAUMA-HEMORRHAGE IN MALES AND DECREASES MORTALITY FROM SUBSEQUENT SEPSIS. Shock, 2000, 14, 347-353.	2.1	74
23	Thermal injury-induced immunosuppression in mice: the role of macrophage-derived reactive nitrogen intermediates. Journal of Leukocyte Biology, 1998, 63, 51-58.	3.3	72
24	Divergent Immune Responses in Male and Female Mice after Trauma-Hemorrhage: Dimorphic Alterations in T Lymphocyte Steroidogenic Enzyme Activities. Endocrinology, 2001, 142, 3519-3529.	2.8	72
25	The Role of MIP-1Î± in the Development of Systemic Inflammatory Response and Organ Injury following Trauma Hemorrhage. Journal of Immunology, 2008, 181, 2806-2812.	0.8	72
26	Resistance of macrophages to the suppressive effect of interleukin-10 following thermal injury. American Journal of Physiology - Cell Physiology, 2001, 281, C1180-C1187.	4.6	68
27	Insights into the role of Î³Î´ T lymphocytes in the immunopathogenic response to thermal injury. Journal of Leukocyte Biology, 2000, 67, 644-650.	3.3	65
28	The PI3K/Akt Pathway Mediates the Nongenomic Cardioprotective Effects of Estrogen Following Trauma-hemorrhage. Annals of Surgery, 2007, 245, 971-977.	4.2	64
29	Relationships between burn size, immunosuppression, and macrophage hyperactivity in a murine model of thermal injury. Cellular Immunology, 2002, 220, 63-69.	3.0	63
30	Acute Coagulopathy of Trauma in the Rat. Shock, 2013, 39, 440-446.	2.1	63
31	DIFFERENTIAL EXPRESSION AND TISSUE COMPARTMENTALIZATION OF THE INFLAMMATORY RESPONSE FOLLOWING THERMAL INJURY. Cytokine, 2002, 17, 266-274.	3.2	61
32	Heme Oxygenase-1 Protects against Neutrophil-Mediated Intestinal Damage by Down-Regulation of Neutrophil p47phox and p67phox Activity and O2â^' Production in a Two-Hit Model of Alcohol Intoxication and Burn Injury. Journal of Immunology, 2008, 180, 6933-6940.	0.8	59
33	Reversal of sexual dimorphism in splenic T lymphocyte responses after trauma-hemorrhage with aging. American Journal of Physiology - Cell Physiology, 2000, 278, C509-C516.	4.6	58
34	Mechanism of estrogen-mediated attenuation of hepatic injury following trauma-hemorrhage: Akt-dependent HO-1 up-regulation. Journal of Leukocyte Biology, 2007, 82, 1019-1026.	3.3	58
35	TLR4 regulates Kupffer cell chemokine production, systemic inflammation and lung neutrophil infiltration following trauma-hemorrhage. Molecular Immunology, 2007, 44, 2625-2630.	2.2	58
36	The contribution of opiate analgesics to the development of infectious complications in burn patients. American Journal of Surgery, 2006, 192, 82-86.	1.8	56

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37	Impact of Thermal Injury on Wound Infiltration and the Dermal Inflammatory Response. Journal of Surgical Research, 2010, 158, 112-120.	1.6	56
38	17Î²-Estradiol downregulates Kupffer cell TLR4-dependent p38 MAPK pathway and normalizes inflammatory cytokine production following trauma-hemorrhage. Molecular Immunology, 2007, 44, 2165-2172.	2.2	55
39	Mechanism of salutary effects of estradiol on organ function after trauma-hemorrhage: upregulation of heme oxygenase. American Journal of Physiology - Heart and Circulatory Physiology, 2005, 289, H92-H98.	3.2	54
40	Flutamide restores cardiac function after trauma-hemorrhage via an estrogen-dependent pathway through upregulation of PGC-1. American Journal of Physiology - Heart and Circulatory Physiology, 2006, 290, H416-H423.	3.2	53
41	DOES BURN WOUND EXCISION AFTER THERMAL INJURY ATTENUATE SUBSEQUENT MACROPHAGE HYPERACTIVITY AND IMMUNOSUPPRESSION?. Shock, 2000, 14, 623-628.	2.1	52
42	The Association Between Sex and Mortality Among Burn Patients as Modified by Age. Journal of Burn Care and Research, 2005, 26, 416-421.	1.6	51
43	Src family kinases regulate p38 MAPK-mediated IL-6 production in Kupffer cells following hypoxia. American Journal of Physiology - Cell Physiology, 2006, 291, C476-C482.	4.6	51
44	GENDER DIMORPHISM IN TRAUMA-HEMORRHAGE-INDUCED THYMOCYTE APOPTOSIS. Shock, 1999, 12, 316-322.	2.1	50
45	Preservation of splenic immune functions by female sex hormones after trauma-hemorrhage. Critical Care Medicine, 2002, 30, 888-893.	0.9	50
46	Acute alcohol intoxication increases interleukin-18-mediated neutrophil infiltration and lung inflammation following burn injury in rats. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2007, 292, L1193-L1201.	2.9	50
47	Opiate Analgesics Contribute to the Development of Post-Injury Immunosuppression1. Journal of Surgical Research, 2005, 129, 161-168.	1.6	49
48	Cyclooxygenase 2-mediated suppression of macrophage interleukin-12 production after thermal injury. American Journal of Physiology - Cell Physiology, 2002, 282, C263-C270.	4.6	47
49	Estradiol improves cardiac and hepatic function after trauma-hemorrhage: role of enhanced heat shock protein expression. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2006, 290, R812-R818.	1.8	47
50	Differential expression of the immunoinflammatory response in trauma patients: Burn vs. non-burn. Burns, 2012, 38, 599-606.	1.9	47
51	Gender Dimorphism in Immune Responses Following Trauma and Hemorrhage. Immunologic Research, 2002, 26, 063-076.	2.9	46
52	Are the immune responses different in middle-aged and young mice following bone fracture, tissue trauma and hemorrhage?. Cytokine, 2004, 26, 223-230.	3.2	46
53	KERATINOCYTE-DERIVED CHEMOKINE PLAYS A CRITICAL ROLE IN THE INDUCTION OF SYSTEMIC INFLAMMATION AND TISSUE DAMAGE AFTER TRAUMA-HEMORRHAGE. Shock, 2007, 28, 576-581.	2.1	46
54	Tissue compartment-specific role of estrogen receptor subtypes in immune cell cytokine production following trauma-hemorrhage. Journal of Applied Physiology, 2007, 102, 163-168.	2.5	46

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55	Mechanism of the salutary effects of 17Î²-estradiol following trauma-hemorrhage: direct downregulation of Kupffer cell proinflammatory cytokine production. Cytokine, 2003, 21, 91-97.	3.2	45
56	REGULATION OF THE POSTBURN WOUND INFLAMMATORY RESPONSE BY Î³Î´ T-CELLS. Shock, 2007, 28, 278-283.	2.1	45
57	Burn induces a Th-17 inflammatory response at the injury site. Burns, 2011, 37, 646-651.	1.9	45
58	Insights into the role of interleukin-6 in the induction of hepatic injury after trauma-hemorrhagic shock. Journal of Applied Physiology, 2004, 97, 2184-2189.	2.5	44
59	Mechanism of the nongenomic effects of estrogen on intestinal myeloperoxidase activity following trauma-hemorrhage: up-regulation of the PI-3K/Akt pathway. Journal of Leukocyte Biology, 2007, 82, 774-780.	3.3	44
60	Sex Differences in Hepatic Heme Oxygenase Expression and Activity Following Trauma and Hemorrhagic Shock. Archives of Surgery (Chicago, Ill: 1920), 2003, 138, 1375.	1.4	43
61	Mechanism of estrogen-mediated intestinal protection following trauma-hemorrhage: p38 MAPK-dependent upregulation of HO-1. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2008, 294, R1825-R1831.	1.8	42
62	Selective inhibition of iNOS attenuates trauma-hemorrhage/resuscitation-induced hepatic injury. Journal of Applied Physiology, 2008, 105, 1076-1082.	2.5	42
63	Hypoxemia in the absence of blood loss upregulates iNOS expression and activity in macrophages. American Journal of Physiology - Cell Physiology, 1999, 276, C285-C290.	4.6	41
64	p38 MAPK-dependent eNOS upregulation is critical for 17Î²-estradiol-mediated cardioprotection following trauma-hemorrhage. American Journal of Physiology - Heart and Circulatory Physiology, 2008, 294, H2627-H2636.	3.2	41
65	Immunoprotection in proestrus females following trauma-hemorrhage: the pivotal role of estrogen receptors. Cellular Immunology, 2003, 222, 27-34.	3.0	40
66	Role of IL-10 in regulating proinflammatory cytokine release by Kupffer cells following trauma-hemorrhage. American Journal of Physiology - Renal Physiology, 2004, 286, G942-G946.	3.4	40
67	Mechanism of the salutary effects of flutamide on intestinal myeloperoxidase activity following trauma-hemorrhage: up-regulation of estrogen receptor-Î²-dependent HO-1. Journal of Leukocyte Biology, 2006, 79, 277-284.	3.3	40
68	Salmonella typhimuriumInfection in Mice Induces Nitric Oxide-Mediated Immunosuppression through a Natural Killer Cell-Dependent Pathway. Infection and Immunity, 1998, 66, 5862-5866.	2.2	40
69	Thermal injury alters macrophage responses to prostaglandin E2: contribution to the enhancement of inducible nitric oxide synthase activity. Journal of Leukocyte Biology, 1998, 64, 740-746.	3.3	39
70	GENETIC VARIABILITY IN THE IMMUNE-INFLAMMATORY RESPONSE AFTER MAJOR BURN INJURY. Shock, 2005, 23, 123-128.	2.1	39
71	CYCLOOXYGENASE-2-MEDIATED REGULATION OF KUPFFER CELL INTERLEUKIN-6 PRODUCTION FOLLOWING TRAUMA-HEMORRHAGE AND SUBSEQUENT SEPSIS. Shock, 2001, 16, 479-483.	2.1	38
72	Influence of gender and age on T-cell responses in a murine model of trauma-hemorrhage: differences between circulating and tissue-fixed cells. Journal of Applied Physiology, 2006, 100, 826-833.	2.5	38

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73	Role of p38 mitogen-activated protein kinase pathway in estrogen-mediated cardioprotection following trauma-hemorrhage. American Journal of Physiology - Heart and Circulatory Physiology, 2007, 292, H2982-H2987.	3.2	37
74	Burn Injury-Induced Alterations in Wound Inflammation and Healing Are Associated with Suppressed Hypoxia Inducible Factor-1Î± Expression. Molecular Medicine, 2008, 14, 628-633.	4.4	36
75	Î³Î´ T-cells: Potential regulators of the post-burn inflammatory response. Burns, 2009, 35, 318-326.	1.9	36
76	ACUTE ALCOHOL INTOXICATION POTENTIATES NEUTROPHIL-MEDIATED INTESTINAL TISSUE DAMAGE AFTER BURN INJURY. Shock, 2008, 29, 377-383.	2.1	36
77	Regulation of Macrophage IL-10 Production Postinjury via ??2 Integrin Signaling and the P38 MAP Kinase Pathway. Shock, 2003, 20, 529-535.	2.1	35
78	Impact of sex and age on bone marrow immune responses in a murine model of trauma-hemorrhage. Journal of Applied Physiology, 2007, 102, 113-121.	2.5	35
79	Gamma Delta T Cells Regulate Wound Myeloid CELL Activity After Burn. Shock, 2014, 42, 133-141.	2.1	34
80	Nitric oxide contributes to the development of a post-injury Th2 T-cell phenotype and immune dysfunction. Journal of Cellular Physiology, 2006, 208, 418-427.	4.1	33
81	Androstenediol administration after trauma-hemorrhage attenuates inflammatory response, reduces organ damage, and improves survival following sepsis. American Journal of Physiology - Renal Physiology, 2006, 291, G260-G266.	3.4	33
82	Androgen-mediated modulation of macrophage function after trauma-hemorrhage: central role of 5Î±-dihydrotestosterone. Journal of Applied Physiology, 2003, 95, 104-112.	2.5	32
83	Monocyte chemoattractant protein-1 influences trauma-hemorrhage-induced distal organ damage via regulation of keratinocyte-derived chemokine production. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2007, 292, R1110-R1116.	1.8	32
84	Downregulation of TLR4-dependent ATP production is critical for estrogen-mediated immunoprotection in Kupffer cells following trauma-hemorrhage. Journal of Cellular Physiology, 2007, 211, 364-370.	4.1	32
85	Flutamide protects against trauma-hemorrhage-induced liver injury via attenuation of the inflammatory response, oxidative stress, and apopotosis. Journal of Applied Physiology, 2008, 105, 595-602.	2.5	32
86	Mitochondrial damage-associated molecular patterns activate Î³Î´ T-cells. Innate Immunity, 2014, 20, 261-268.	2.4	32
87	Burn Wound Î³Î´ T-Cells Support a Th2 and Th17 Immune Response. Journal of Burn Care and Research, 2014, 35, 46-53.	0.4	32
88	17Î²-Estradiol modulates vasoconstriction induced by endothelin-1 following trauma-hemorrhage. American Journal of Physiology - Heart and Circulatory Physiology, 2007, 292, H245-H250.	3.2	31
89	Mechanism of the Salutary Effects of Estrogen on Kupffer Cell Phagocytic Capacity following Trauma-Hemorrhage: Pivotal Role of Akt Activation. Journal of Immunology, 2009, 182, 4406-4414.	0.8	31
90	The composition of T-cell subsets are altered in the burn wound early after injury. PLoS ONE, 2017, 12, e0179015.	2.5	31

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91	l-Arginine attenuates trauma-hemorrhage-induced liver injury. Critical Care Medicine, 2000, 28, 3242-3248.	0.9	30
92	Sex steroid-mediated regulation of macrophage/monocyte function in a two-hit model of traumaâ€“hemorrhage and sepsis. Cytokine, 2004, 25, 110-118.	3.2	30
93	T Cells of the Î³Î´ T-Cell Receptor Lineage Play an Important Role in the Postburn Wound Healing Process. Journal of Burn Care and Research, 2006, 27, 18-25.	0.4	29
94	A novel role for IL-18 in corticosterone-mediated intestinal damage in a two-hit rodent model of alcohol intoxication and injury. Journal of Leukocyte Biology, 2006, 80, 367-375.	3.3	29
95	THERMAL INJURY INDUCES MACROPHAGE HYPERACTIVITY THROUGH PERTUSSIS TOXIN-SENSITIVE AND -INSENSITIVE PATHWAYS. Shock, 1998, 9, 249-255.	2.1	28
96	Severe hypoxemia in the absence of blood loss causes a gender dimorphic immune response. American Journal of Physiology - Cell Physiology, 2000, 279, C2004-C2010.	4.6	28
97	Up-regulation of cell surface Toll-like receptors on circulating Î³Î´ T-cells following burn injury. Cytokine, 2008, 44, 328-334.	3.2	28
98	Activated skin Î³Î´ T-cells regulate T-cell infiltration of the wound site after burn. Innate Immunity, 2015, 21, 140-150.	2.4	28
99	Splenectomy differentially influences immune responses in various tissue compartments of the body. Cytokine, 2004, 28, 101-108.	3.2	27
100	The gut microbiome distinguishes mortality in trauma patients upon admission to the emergency department. Journal of Trauma and Acute Care Surgery, 2020, 88, 579-587.	2.1	27
101	Aging and the pathogenic response to burn. , 2012, 3, 171-80.		27
102	Endocrine Targets in Experimental Shock. Journal of Trauma, 2003, 54, S118-S125.	2.3	26
103	MAP kinases differentially regulate the expression of macrophage hyperactivity after thermal injury. Journal of Cellular Physiology, 2004, 201, 35-44.	4.1	25
104	17Î²-Estradiol's salutary effects on splenic dendritic cell functions following traumaâ€“hemorrhage are mediated via estrogen receptor-Î±. Molecular Immunology, 2008, 45, 376-385.	2.2	25
105	ESTROGEN SUPPRESSES CARDIAC IL-6 AFTER TRAUMA-HEMORRHAGE VIA A HYPOXIA-INDUCIBLE FACTOR 1Î±-MEDIATED PATHWAY. Shock, 2009, 31, 354-358.	2.1	25
106	Hemorrhage Decreases Macrophage Inflammatory Protein 2 and Interleukin-6 Release. Annals of Surgery, 1999, 229, 651.	4.2	25
107	Mechanism of salutary effects of androstenediol on hepatic function after trauma-hemorrhage: role of endothelial and inducible nitric oxide synthase. American Journal of Physiology - Renal Physiology, 2005, 288, G244-G250.	3.4	24
108	17Î²-Estradiol inhibits keratinocyte-derived chemokine production following trauma-hemorrhage. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2007, 292, L585-L591.	2.9	24

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109	Burn-induced alterations in toll-like receptor-mediated responses by bronchoalveolar lavage cells. Cytokine, 2011, 55, 396-401.	3.2	24
110	Trauma-Induced Coagulopathy Is Associated with a Complex Inflammatory Response in the Rat. Shock, 2015, 44, 129-137.	2.1	24
111	Tranexamic Acid Attenuates The Loss of Lung Barrier Function in a Rat Model of Polytrauma And Hemorrhage With Resuscitation. Shock, 2017, 47, 500-505.	2.1	24
112	Divergent Immune Responses in Male and Female Mice after Trauma-Hemorrhage: Dimorphic Alterations in T Lymphocyte Steroidogenic Enzyme Activities. Endocrinology, 2001, 142, 3519-3529.	2.8	24
113	Dermal Î³Î´ T-Cells Can Be Activated by Mitochondrial Damage-Associated Molecular Patterns. PLoS ONE, 2016, 11, e0158993.	2.5	24
114	Estrogen Ameliorates Trauma-hemorrhageâ€“induced Lung Injury via Endothelial Nitric Oxide Synthase-dependent Activation of Protein Kinase G. Annals of Surgery, 2008, 248, 294-302.	4.2	23
115	Polytrauma independent of therapeutic intervention alters the gastrointestinal microbiome. American Journal of Surgery, 2018, 216, 699-705.	1.8	23
116	A prospective study in severely injured patients reveals an altered gut microbiome is associated with transfusion volume. Journal of Trauma and Acute Care Surgery, 2019, 86, 573-582.	2.1	23
117	Role of protein kinase C in cyclic AMP-mediated suppression of T-lymphocyte activation following burn injury. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 1999, 1455, 45-53.	3.8	21
118	A role of PP1/PP2A in mesenteric lymph node T cell suppression in a two-hit rodent model of alcohol intoxication and injury. Journal of Leukocyte Biology, 2006, 79, 453-462.	3.3	21
119	17Î²-Estradiol normalizes Toll receptor 4, mitogen activated protein kinases and inflammatory response in epidermal keratinocytes following trauma-hemorrhage. Molecular Immunology, 2007, 44, 3317-3323.	2.2	21
120	MECHANISM OF ESTROGEN-MEDIATED IMPROVEMENT IN CARDIAC FUNCTION AFTER TRAUMA-HEMORRHAGE. Shock, 2008, 30, 372-378.	2.1	21
121	Role of thromboxane in producing portal hypertension following trauma-hemorrhage. American Journal of Physiology - Renal Physiology, 2003, 285, G1293-G1299.	3.4	19
122	Mechanism of Salutary Effects of Finasteride on Post-traumatic Immune/Inflammatory Response. Annals of Surgery, 2007, 246, 836-843.	4.2	19
123	Estrogen pretreatment protects males against hypoxia-induced immune depression. American Journal of Physiology - Cell Physiology, 2002, 282, C1087-C1092.	4.6	18
124	Effect of estradiol administration on splanchnic perfusion after trauma???hemorrhage and sepsis. Current Opinion in Critical Care, 2003, 9, 137-142.	3.2	18
125	Gamma delta (Î³Î´) T-cells are critical in the up-regulation of inducible nitric oxide synthase at the burn wound site. Cytokine, 2012, 60, 528-534.	3.2	18
126	Trauma-Related Acute Lung Injury Develops Rapidly Irrespective of Resuscitation Strategy in the Rat. Shock, 2016, 46, 108-114.	2.1	18

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127	Gender dimorphism in neutrophil priming and activation following trauma-hemorrhagic shock. International Journal of Molecular Medicine, 2003, 11, 357-64.	4.0	17
128	Lidocaine depresses splenocyte immune functions following trauma-hemorrhage in mice. American Journal of Physiology - Cell Physiology, 2006, 291, C1049-C1055.	4.6	15
129	SYSTEMATIC ANALYSIS OF THE SALUTARY EFFECT OF ESTROGEN ON CARDIAC PERFORMANCE AFTER TRAUMA-HEMORRHAGE. Shock, 2008, 30, 585-589.	2.1	15
130	Trauma-Hemorrhage and Hypoxia Differentially Influence Kupffer Cell Phagocytic Capacity. Annals of Surgery, 2009, 250, 995-1001.	4.2	15
131	Increased expression of cardiac IL-17 after burn. Journal of Inflammation, 2010, 7, 38.	3.4	15
132	Burn injury is associated with an infiltration of the wound site with myeloid-derived suppressor cells. Cellular Immunology, 2019, 338, 21-26.	3.0	15
133	Trauma-hemorrhage inhibits splenic dendritic cell proinflammatory cytokine production via a mitogen-activated protein kinase process. American Journal of Physiology - Cell Physiology, 2008, 294, C754-C764.	4.6	14
134	The contribution of opiate analgesics to the development of infectious complications in trauma patients. International Journal of Burns and Trauma, 2015, 5, 56-65.	0.2	14
135	Effect of interleukin-15 on depressed splenic dendritic cell functions following trauma-hemorrhage. American Journal of Physiology - Cell Physiology, 2009, 296, C124-C130.	4.6	13
136	Traumatic Hemothorax Blood Contains Elevated Levels of Microparticles that are Prothrombotic but Inhibit Platelet Aggregation. Shock, 2017, 47, 680-687.	2.1	13
137	Burn enhances toll-like receptor induced responses by circulating leukocytes. International Journal of Clinical and Experimental Medicine, 2012, 5, 136-44.	1.3	13
138	Macrophage hydrogen peroxide production and phagocytic function are decreased following phagocytosis mediated by Fc receptors but not complement receptors. Biochemical and Biophysical Research Communications, 1991, 180, 268-272.	2.1	12
139	A small amount can make a difference: a prospective human study of the paradoxical coagulation characteristics of hemothorax. American Journal of Surgery, 2013, 206, 904-910.	1.8	12
140	Gamma Delta T Cells Regulate Inflammatory Cell Infiltration of the Lung After Trauma-Hemorrhage. Shock, 2015, 43, 589-597.	2.1	12
141	Thermal Injury-Induced Enhancement of Oxidative Metabolism by Mononuclear Phagocytes. Journal of Burn Care and Research, 1999, 20, 37-41.	1.6	11
142	Estradiolâ€™s effect on portal response to endothelin-1 after trauma-hemorrhage. Journal of Surgical Research, 2004, 121, 25-30.	1.6	11
143	The association between the Th-17 immune response and pulmonary complications in a trauma ICU population. Cytokine, 2015, 76, 328-333.	3.2	11
144	Systemic T Cell Exhaustion Dynamics Is Linked to Early High Mobility Group Box Protein 1 (HMGB1) Driven Hyper-Inflammation in a Polytrauma Rat Model. Cells, 2021, 10, 1646.	4.1	11

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145	Opiates and the development of post-injury complications: a review. International Journal of Clinical and Experimental Medicine, 2008, 1, 42-9.	1.3	11
146	Upregulation of hepatic prolactin receptor gene expression by 17Î²-estradiol following trauma-hemorrhage. Journal of Applied Physiology, 2003, 95, 2530-2536.	2.5	10
147	Immunopathological response to severe injury. Blood Coagulation and Fibrinolysis, 2018, 29, 48-54.	1.0	10
148	Lysosomotropic agents ameliorate macrophage dysfunction following the phagocytosis of IgG-coated erythrocytes: a role for lipid peroxidation. Inflammation, 1997, 21, 619-628.	3.8	9
149	Proteasome participates in the alteration of signal transduction in T and B lymphocytes following trauma-hemorrhage. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 1999, 1453, 92-104.	3.8	9
150	An experimental model of hemothorax autotransfusion: impact on coagulation. American Journal of Surgery, 2014, 208, 1078-1082.	1.8	9
151	Shed Pleural Blood from Traumatic Hemothorax Contains Elevated Levels of Pro-Inflammatory Cytokines. Shock, 2016, 46, 144-148.	2.1	9
152	TRAUMA-HAEMORRHAGE-INDUCED ALTERATIONS IN THYMIC PROLACTIN RECEPTOR EXPRESSION: IMPLICATIONS IN IMMUNE DYSFUNCTION. Cytokine, 2002, 18, 127-132.	3.2	8
153	Myeloid-Derived Suppressor Cells (MDSCs) and the Immunoinflammatory Response to Injury (Mini) Tj ETQq1 1 0.784314 rgBT /Overlock	2.1	6
154	Respiratory burst capacity of activated macrophages is resistant to depression by erythrocyte phagocytosis. Inflammation, 1992, 16, 285-294.	3.8	5
155	Scavengers of reactive oxygen intermediates do not mediate the depression of macrophage hydrogen peroxide production caused by erythrocyte phagocytosis. Inflammation, 1991, 15, 447-456.	3.8	4
156	Toll-like receptor responses are suppressed in trauma ICU patients. Journal of Surgical Research, 2016, 206, 139-145.	1.6	4
157	Trauma-induced lung injury is associated with infiltration of activated TLR expressing myeloid cells. Cytokine, 2021, 141, 155457.	3.2	4
158	Immunity to Salmonella Infections. Infectious Agents and Pathogenesis, 1996, , 57-78.	0.1	3
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