

# Lyle L Moldawer

## List of Publications by Year in descending order

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Version: 2024-02-01

416  
papers

33,678  
citations

2963

93  
h-index

5101

166  
g-index

426  
all docs

426  
docs citations

426  
times ranked

32108  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chronic Critical Illness in Patients With Sepsis is Associated With Persistent Anemia, Inflammation, and Impaired Functional Outcomes. <i>American Surgeon</i> , 2023, 89, 2563-2571.	0.4	6
2	Older Adults Demonstrate Biomarker Evidence of the Persistent Inflammation, Immunosuppression, and Catabolism Syndrome (PICS) After Sepsis. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2022, 77, 188-196.	1.7	17
3	Clinical Trajectories of Acute Kidney Injury in Surgical Sepsis. <i>Annals of Surgery</i> , 2022, 275, 1184-1193.	2.1	15
4	Influence of age and sex on microRNA response and recovery in the hippocampus following sepsis. <i>Aging</i> , 2022, 14, 728-746.	1.4	9
5	Ineffective Erythropoietin Response to Anemia in Sepsis. <i>Surgical Infections</i> , 2022, 23, 142-149.	0.7	4
6	Redefining critical illness. <i>Nature Medicine</i> , 2022, 28, 1141-1148.	15.2	136
7	Evaluation of a Multivalent Transcriptomic Metric for Diagnosing Surgical Sepsis and Estimating Mortality Among Critically Ill Patients. <i>JAMA Network Open</i> , 2022, 5, e2221520.	2.8	9
8	A Whole Blood Enzyme-Linked Immunospot Assay for Functional Immune Endotyping of Septic Patients. <i>Journal of Immunology</i> , 2021, 206, 23-36.	0.4	20
9	Transcriptomic responses from improved murine sepsis models can better mimic human surgical sepsis. <i>FASEB Journal</i> , 2021, 35, e21156.	0.2	5
10	The Effect of Aging Physiology on Critical Care. <i>Critical Care Clinics</i> , 2021, 37, 135-150.	1.0	9
11	A road map from single-cell transcriptome to patient classification for the immune response to trauma. <i>JCI Insight</i> , 2021, 6, .	2.3	29
12	Cecal Slurry Injection in Neonatal and Adult Mice. <i>Methods in Molecular Biology</i> , 2021, 2321, 27-41.	0.4	10
13	Severe Acute Respiratory Syndrome-associated Coronavirus 2 Infection and Organ Dysfunction in the ICU: Opportunities for Translational Research. , 2021, 3, e0374.		20
14	Lipid and Lipoprotein Dysregulation in Sepsis: Clinical and Mechanistic Insights into Chronic Critical Illness. <i>Journal of Clinical Medicine</i> , 2021, 10, 1693.	1.0	32
15	Dysregulated Immunity and Immunotherapy after Sepsis. <i>Journal of Clinical Medicine</i> , 2021, 10, 1742.	1.0	35
16	Lipid and lipoprotein predictors of functional outcomes and long-term mortality after surgical sepsis. <i>Annals of Intensive Care</i> , 2021, 11, 82.	2.2	9
17	The impact of sarcopenia and acute muscle mass loss on long-term outcomes in critically ill patients with intra-abdominal sepsis. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2021, 12, 1203-1213.	2.9	38
18	Chronic critical illness after hypothermia in trauma patients. <i>Trauma Surgery and Acute Care Open</i> , 2021, 6, e000747.	0.8	1

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19	Chronic Critical Illness Elicits a Unique Circulating Leukocyte Transcriptome in Sepsis Survivors. <i>Journal of Clinical Medicine</i> , 2021, 10, 3211.	1.0	5
20	Identification of unique microRNA expression patterns in bone marrow hematopoietic stem and progenitor cells after hemorrhagic shock and multiple injuries in young and old adult mice. <i>Journal of Trauma and Acute Care Surgery</i> , 2021, 91, 692-699.	1.1	0
21	Interleukin-7 Reverses Lymphopenia and Improves T-Cell Function in Coronavirus Disease 2019 Patient With Inborn Error of Toll-Like Receptor 3: A Case Report. , 2021, 3, e0500.		14
22	Biomarker Evidence of the Persistent Inflammation, Immunosuppression and Catabolism Syndrome (PICS) in Chronic Critical Illness (CCI) After Surgical Sepsis. <i>Annals of Surgery</i> , 2021, 274, 664-673.	2.1	21
23	A Novel Single Cell RNA-seq Analysis of Non-Myeloid Circulating Cells in Late Sepsis. <i>Frontiers in Immunology</i> , 2021, 12, 696536.	2.2	17
24	A hypolipoprotein sepsis phenotype indicates reduced lipoprotein antioxidant capacity, increased endothelial dysfunction and organ failure, and worse clinical outcomes. <i>Critical Care</i> , 2021, 25, 341.	2.5	17
25	Septic Stability? Gut Microbiota in Young Adult Mice Maintains Overall Stability After Sepsis Compared to Old Adult Mice. <i>Shock</i> , 2021, 55, 519-525.	1.0	12
26	Single-Cell RNA-seq of Human Myeloid-Derived Suppressor Cells in Late Sepsis Reveals Multiple Subsets With Unique Transcriptional Responses: A Pilot Study. <i>Shock</i> , 2021, 55, 587-595.	1.0	32
27	Distinct immunologic endotypes are associated with clinical trajectory after severe blunt trauma and hemorrhagic shock. <i>Journal of Trauma and Acute Care Surgery</i> , 2021, 90, 257-267.	1.1	14
28	A Transcriptomic Severity Metric That Predicts Clinical Outcomes in Critically Ill Surgical Sepsis Patients. , 2021, 3, e0554.		17
29	Aluminum Adjuvant Improves Survival Via NLRP3 Inflammasome and Myeloid Non-Granulocytic Cells in a Murine Model of Neonatal Sepsis. <i>Shock</i> , 2021, 55, 274-282.	1.0	5
30	Reply to "Do Not Blame the Rodent for the Failure of Developing Sepsis Therapies" <i>Shock</i> , 2021, 56, 152-153.	1.0	1
31	Overlapping but Disparate Inflammatory and Immunosuppressive Responses to SARS-CoV-2 and Bacterial Sepsis: An Immunological Time Course Analysis. <i>Frontiers in Immunology</i> , 2021, 12, 792448.	2.2	18
32	Effect of Beta-Blockade on the Expression of Regulatory MicroRNA after Severe Trauma and Chronic Stress. <i>Journal of the American College of Surgeons</i> , 2020, 230, 121-129.	0.2	8
33	Persistently increased cell-free DNA concentrations only modestly contribute to outcome and host response in sepsis survivors with chronic critical illness. <i>Surgery</i> , 2020, 167, 646-652.	1.0	9
34	Prospective Validation of a Transcriptomic Metric in Severe Trauma. <i>Annals of Surgery</i> , 2020, 271, 802-810.	2.1	26
35	Discovery and Validation of Urinary Molecular Signature of Early Sepsis. , 2020, 2, e0195.		9
36	Abdominal sepsis patients have a high incidence of chronic critical illness with dismal long-term outcomes. <i>American Journal of Surgery</i> , 2020, 220, 1467-1474.	0.9	17

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37	Lipid intensive drug therapy for sepsis pilot: A Bayesian phase I clinical trial. <i>Journal of the American College of Emergency Physicians Open</i> , 2020, 1, 1332-1340.	0.4	7
38	Phenotypic heterogeneity by site of infection in surgical sepsis: a prospective longitudinal study. <i>Critical Care</i> , 2020, 24, 203.	2.5	29
39	Immunotherapies for COVID-19: lessons learned from sepsis. <i>Lancet Respiratory Medicine</i> , 2020, 8, 946-949.	5.2	111
40	Older Sepsis Survivors Suffer Persistent Disability Burden and Poor Long-Term Survival. <i>Journal of the American Geriatrics Society</i> , 2020, 68, 1962-1969.	1.3	36
41	Immunological Endotyping of Chronic Critical Illness After Severe Sepsis. <i>Frontiers in Medicine</i> , 2020, 7, 616694.	1.2	18
42	Abstract TMP91: Pre-Sepsis P-wave Terminal Force in Lead V1 (PTFV1) as a Predictor of Atrial Fibrillation, In-Hospital Mortality, and Cognition in Sepsis Patients. <i>Stroke</i> , 2020, 51, .	1.0	0
43	Premise for Standardized Sepsis Models. <i>Shock</i> , 2019, 51, 4-9.	1.0	41
44	Prognostic value of NT-proBNP levels in the acute phase of sepsis on lower long-term physical function and muscle strength in sepsis survivors. <i>Critical Care</i> , 2019, 23, 230.	2.5	17
45	Age and Sex Influence the Hippocampal Response and Recovery Following Sepsis. <i>Molecular Neurobiology</i> , 2019, 56, 8557-8572.	1.9	29
46	Myeloid-derived suppressor cell function and epigenetic expression evolves over time after surgical sepsis. <i>Critical Care</i> , 2019, 23, 355.	2.5	64
47	Immune checkpoint inhibition in sepsis: a Phase 1b randomized study to evaluate the safety, tolerability, pharmacokinetics, and pharmacodynamics of nivolumab. <i>Intensive Care Medicine</i> , 2019, 45, 1360-1371.	3.9	117
48	Cell-free nuclear, but not mitochondrial, DNA concentrations correlate with the early host inflammatory response after severe trauma. <i>Scientific Reports</i> , 2019, 9, 13648.	1.6	23
49	Persistent inflammation and anemia among critically ill septic patients. <i>Journal of Trauma and Acute Care Surgery</i> , 2019, 86, 260-267.	1.1	20
50	Persistently Elevated Glucagon-Like Peptide-1 Levels among Critically Ill Surgical Patients after Sepsis and Development of Chronic Critical Illness and Dismal Long-Term Outcomes. <i>Journal of the American College of Surgeons</i> , 2019, 229, 58-67e1.	0.2	30
51	Immune Checkpoint Inhibition in Sepsis: A Phase 1b Randomized, Placebo-Controlled, Single Ascending Dose Study of Antiprogrammed Cell Death-Ligand 1 Antibody (BMS-936559)*. <i>Critical Care Medicine</i> , 2019, 47, 632-642.	0.4	149
52	Part I: Minimum Quality Threshold in Preclinical Sepsis Studies (MQTiPSS) for Study Design and Humane Modeling Endpoints. <i>Shock</i> , 2019, 51, 10-22.	1.0	57
53	LIPid Intensive Drug therapy for Sepsis Pilot (LIPIDS-P): Phase I/II clinical trial protocol of lipid emulsion therapy for stabilising cholesterol levels in sepsis and septic shock. <i>BMJ Open</i> , 2019, 9, e029348.	0.8	18
54	Old Mice Demonstrate Organ Dysfunction as well as Prolonged Inflammation, Immunosuppression, and Weight Loss in a Modified Surgical Sepsis Model*. <i>Critical Care Medicine</i> , 2019, 47, e919-e929.	0.4	27

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55	The authors reply. <i>Critical Care Medicine</i> , 2019, 47, e788-e789.	0.4	0
56	What's New in Shock, February 2019?. <i>Shock</i> , 2019, 51, 143-146.	1.0	0
57	Current Epidemiology of Surgical Sepsis. <i>Annals of Surgery</i> , 2019, 270, 502-510.	2.1	60
58	A checkpoint on innate myeloid cells in pulmonary arterial hypertension. <i>Pulmonary Circulation</i> , 2019, 9, 1-5.	0.8	9
59	MySurgeryRisk: Development and Validation of a Machine-learning Risk Algorithm for Major Complications and Death After Surgery. <i>Annals of Surgery</i> , 2019, 269, 652-662.	2.1	197
60	The impact of age on the innate immune response and outcomes after severe sepsis/septic shock in trauma and surgical intensive care unit patients. <i>Journal of Trauma and Acute Care Surgery</i> , 2018, 85, 247-255.	1.1	44
61	A community approach to mortality prediction in sepsis via gene expression analysis. <i>Nature Communications</i> , 2018, 9, 694.	5.8	178
62	Benchmarking clinical outcomes and the immunocatabolic phenotype of chronic critical illness after sepsis in surgical intensive care unit patients. <i>Journal of Trauma and Acute Care Surgery</i> , 2018, 84, 342-349.	1.1	91
63	Immunotherapy: It is not just for cancer anymore. <i>Journal of Leukocyte Biology</i> , 2018, 103, 9-11.	1.5	6
64	HDL Cholesterol Efflux is Impaired in Older Patients with Early Sepsis: A Subanalysis of a Prospective Pilot Study. <i>Shock</i> , 2018, 50, 66-70.	1.0	24
65	Dysregulated myelopoiesis and hematopoietic function following acute physiologic insult. <i>Current Opinion in Hematology</i> , 2018, 25, 37-43.	1.2	49
66	Evidence for Persistent Immune Suppression in Patients Who Develop Chronic Critical Illness After Sepsis. <i>Shock</i> , 2018, 49, 249-258.	1.0	98
67	Minimum Quality Threshold in Pre-Clinical Sepsis Studies (MQTiPSS): An International Expert Consensus Initiative for Improvement of Animal Modeling in Sepsis. <i>Shock</i> , 2018, 50, 377-380.	1.0	141
68	Hyperacute Monocyte Gene Response Patterns Are Associated With Lower Extremity Vein Bypass Graft Failure. <i>Circulation Genomic and Precision Medicine</i> , 2018, 11, e001970.	1.6	4
69	Sepsis is associated with reduced spontaneous neutrophil migration velocity in human adults. <i>PLoS ONE</i> , 2018, 13, e0205327.	1.1	12
70	HDL inflammatory index correlates with and predicts severity of organ failure in patients with sepsis and septic shock. <i>PLoS ONE</i> , 2018, 13, e0203813.	1.1	40
71	Impact of toll-like receptor 4 stimulation on human neonatal neutrophil spontaneous migration, transcriptomics, and cytokine production. <i>Journal of Molecular Medicine</i> , 2018, 96, 673-684.	1.7	12
72	Persistent inflammation, immunosuppression, and catabolism and the development of chronic critical illness after surgery. <i>Surgery</i> , 2018, 164, 178-184.	1.0	75

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73	The Postinjury Inflammatory State and the Bone Marrow Response to Anemia. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 198, 629-638.	2.5	32
74	Innate Immunity in the Persistent Inflammation, Immunosuppression, and Catabolism Syndrome and Its Implications for Therapy. <i>Frontiers in Immunology</i> , 2018, 9, 595.	2.2	119
75	Chronic Critical Illness and the Persistent Inflammation, Immunosuppression, and Catabolism Syndrome. <i>Frontiers in Immunology</i> , 2018, 9, 1511.	2.2	167
76	Minimum Quality Threshold in Pre-Clinical Sepsis Studies (MQTiPSS): an international expert consensus initiative for improvement of animal modeling in sepsis. <i>Infection</i> , 2018, 46, 687-691.	2.3	28
77	Myeloid-Derived Suppressor Cells and Pulmonary Hypertension. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2277.	1.8	5
78	Minimum quality threshold in pre-clinical sepsis studies (MQTiPSS): an international expert consensus initiative for improvement of animal modeling in sepsis. <i>Intensive Care Medicine Experimental</i> , 2018, 6, 26.	0.9	61
79	Mouse Injury Model of Polytrauma and Shock. <i>Methods in Molecular Biology</i> , 2018, 1717, 1-15.	0.4	13
80	Human Myeloid-derived Suppressor Cells are Associated With Chronic Immune Suppression After Severe Sepsis/Septic Shock. <i>Annals of Surgery</i> , 2017, 265, 827-834.	2.1	196
81	Microbial recognition and danger signals in sepsis and trauma. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 2564-2573.	1.8	100
82	Pathogenesis of Diffuse Alveolar Hemorrhage in Murine Lupus. <i>Arthritis and Rheumatology</i> , 2017, 69, 1280-1293.	2.9	45
83	Persistent Inflammation, Immunosuppression and Catabolism Syndrome. <i>Critical Care Clinics</i> , 2017, 33, 245-258.	1.0	146
84	Sepsis Diagnostics. <i>Critical Care Medicine</i> , 2017, 45, 129-130.	0.4	1
85	LPS Stimulation of Cord Blood Reveals a Newborn-Specific Neutrophil Transcriptomic Response and Cytokine Production. <i>Shock</i> , 2017, 47, 606-614.	1.0	19
86	Murine Models of Sepsis and Trauma: Can We Bridge the Gap?. <i>ILAR Journal</i> , 2017, 58, 90-105.	1.8	119
87	Exploring the Predictive Ability of Dysfunctional High-Density Lipoprotein for Adverse Outcomes in Emergency Department Patients with Sepsis: A Preliminary Investigation. <i>Shock</i> , 2017, 48, 539-544.	1.0	20
88	Sepsis Pathophysiology, Chronic Critical Illness, and Persistent Inflammation-Immunosuppression and Catabolism Syndrome. <i>Critical Care Medicine</i> , 2017, 45, 253-262.	0.4	346
89	ICU-Acquired Weakness, Chronic Critical Illness, and the Persistent Inflammation-Immunosuppression and Catabolism Syndrome. <i>Critical Care Medicine</i> , 2017, 45, e1184.	0.4	7
90	The Epidemiology of Chronic Critical Illness After Severe Traumatic Injury at Two Level I Trauma Centers*. <i>Critical Care Medicine</i> , 2017, 45, 1989-1996.	0.4	87

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91	Neutrophil chemotaxis and transcriptomics in term and preterm neonates. <i>Translational Research</i> , 2017, 190, 4-15.	2.2	41
92	Sepsis and Critical Illness Research Center investigators: protocols and standard operating procedures for a prospective cohort study of sepsis in critically ill surgical patients. <i>BMJ Open</i> , 2017, 7, e015136.	0.8	65
93	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.	1.1	12
94	The authors reply. <i>Critical Care Medicine</i> , 2017, 45, e740-e741.	0.4	0
95	Human Pancreatic Cancer Cells Induce a MyD88-Dependent Stromal Response to Promote a Tumor-Tolerant Immune Microenvironment. <i>Cancer Research</i> , 2017, 77, 672-683.	0.4	24
96	Impact of Early-Life Exposures to Infections, Antibiotics, and Vaccines on Perinatal and Long-term Health and Disease. <i>Frontiers in Immunology</i> , 2017, 8, 729.	2.2	25
97	Immunological Defects in Neonatal Sepsis and Potential Therapeutic Approaches. <i>Frontiers in Pediatrics</i> , 2017, 5, 14.	0.9	65
98	Unique transcriptomic response to sepsis is observed among patients of different age groups. <i>PLoS ONE</i> , 2017, 12, e0184159.	1.1	40
99	Î²-Blockade use for Traumatic Injuries and Immunomodulation. <i>Shock</i> , 2016, 46, 341-351.	1.0	46
100	What's New in Shock, September 2016?. <i>Shock</i> , 2016, 46, 227-229.	1.0	1
101	Targeting IL-17A attenuates neonatal sepsis mortality induced by IL-18. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E2627-35.	3.3	83
102	Gene expression patterns in peripheral blood leukocytes in patients with recurrent ciguatera fish poisoning: Preliminary studies. <i>Harmful Algae</i> , 2016, 57, 35-38.	2.2	5
103	Sepsis and septic shock. <i>Nature Reviews Disease Primers</i> , 2016, 2, 16045.	18.1	978
104	Sex-based differences in the genomic response, innate immunity, organ dysfunction, and clinical outcomes after severe blunt traumatic injury and hemorrhagic shock. <i>Journal of Trauma and Acute Care Surgery</i> , 2016, 81, 478-485.	1.1	27
105	Histological chorioamnionitis shapes the neonatal transcriptomic immune response. <i>Early Human Development</i> , 2016, 98, 1-6.	0.8	30
106	What's New in Shock, January 2016?. <i>Shock</i> , 2016, 45, 1-3.	1.0	1
107	Patterns of gene expression among murine models of hemorrhagic shock/trauma and sepsis. <i>Physiological Genomics</i> , 2016, 48, 135-144.	1.0	16
108	Integrating "big data" into surgical practice. <i>Surgery</i> , 2016, 159, 371-374.	1.0	20

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109	Systemic inflammation as a predictor of clinical outcomes after lower extremity angioplasty/stenting. <i>Journal of Vascular Surgery</i> , 2016, 64, 766-778.e5.	0.6	13
110	The inflammatory milieu within the pancreatic cancer microenvironment correlates with clinicopathologic parameters, chemoresistance and survival. <i>BMC Cancer</i> , 2015, 15, 783.	1.1	37
111	Postnatal Age Is a Critical Determinant of the Neonatal Host Response to Sepsis. <i>Molecular Medicine</i> , 2015, 21, 496-504.	1.9	53
112	Cost and Mortality Associated With Postoperative Acute Kidney Injury. <i>Annals of Surgery</i> , 2015, 261, 1207-1214.	2.1	282
113	A Review of GM-CSF Therapy in Sepsis. <i>Medicine (United States)</i> , 2015, 94, e2044.	0.4	83
114	A Detailed Characterization of the Dysfunctional Immunity and Abnormal Myelopoiesis Induced by Severe Shock and Trauma in the Aged. <i>Journal of Immunology</i> , 2015, 195, 2396-2407.	0.4	61
115	TRIF-Dependent Innate Immune Activation Is Critical for Survival to Neonatal Gram-Negative Sepsis. <i>Journal of Immunology</i> , 2015, 194, 1169-1177.	0.4	24
116	The future of murine sepsis and trauma research models. <i>Journal of Leukocyte Biology</i> , 2015, 98, 945-952.	1.5	89
117	Delayed emergency myelopoiesis following polymicrobial sepsis in neonates. <i>Innate Immunity</i> , 2015, 21, 386-391.	1.1	20
118	Improved emergency myelopoiesis and survival in neonatal sepsis by caspase-1/11 ablation. <i>Immunology</i> , 2015, 145, 300-311.	2.0	34
119	Advanced age is associated with worsened outcomes and a unique genomic response in severely injured patients with hemorrhagic shock. <i>Critical Care</i> , 2015, 19, 77.	2.5	65
120	Downstream mediators of the intratumoral interferon response suppress antitumor immunity, induce gemcitabine resistance and associate with poor survival in human pancreatic cancer. <i>Cancer Immunology, Immunotherapy</i> , 2015, 64, 1553-1563.	2.0	25
121	Mice are not men. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E345.	3.3	102
122	Host Responses to Sepsis Vary in Different Low-Lethality Murine Models. <i>PLoS ONE</i> , 2014, 9, e94404.	1.1	39
123	HMGB1 as a therapeutic target for sepsis: it's all in the timing!. <i>Expert Opinion on Therapeutic Targets</i> , 2014, 18, 243-245.	1.5	52
124	Aged Mice Are Unable To Mount an Effective Myeloid Response to Sepsis. <i>Journal of Immunology</i> , 2014, 192, 612-622.	0.4	45
125	What's New in Shock, October 2014?. <i>Shock</i> , 2014, 42, 283-285.	1.0	0
126	Persistent inflammation, immunosuppression, and catabolism syndrome after severe blunt trauma. <i>Journal of Trauma and Acute Care Surgery</i> , 2014, 76, 21-30.	1.1	145



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127	A Better Understanding of Why Murine Models of Trauma Do Not Recapitulate the Human Syndrome*. Critical Care Medicine, 2014, 42, 1406-1413.	0.4	41
128	A Novel Drug for Treatment of Necrotizing Soft-Tissue Infections. JAMA Surgery, 2014, 149, 528.	2.2	73
129	Protective Immunity and Defects in the Neonatal and Elderly Immune Response to Sepsis. Journal of Immunology, 2014, 192, 3156-3165.	0.4	64
130	Parallels between Cancer and Infectious Disease. New England Journal of Medicine, 2014, 371, 380-383.	13.9	160
131	Novel Role for Tumor-Induced Expansion of Myeloid-Derived Cells in Cancer Cachexia. Journal of Immunology, 2014, 192, 6111-6119.	0.4	57
132	Is there value in plasma cytokine measurements in patients with severe trauma and sepsis?. Methods, 2013, 61, 3-9.	1.9	52
133	Genomic responses in mouse models poorly mimic human inflammatory diseases. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 3507-3512.	3.3	2,518
134	Development of a Genomic Metric That Can Be Rapidly Used to Predict Clinical Outcome in Severely Injured Trauma Patients*. Critical Care Medicine, 2013, 41, 1175-1185.	0.4	88
135	Role of Innate Immunity in Neonatal Infection. American Journal of Perinatology, 2013, 30, 105-112.	0.6	128
136	Determination of Burn Patient Outcome by Large-Scale Quantitative Discovery Proteomics. Critical Care Medicine, 2013, 41, 1421-1434.	0.4	55
137	Maintenance of Anti-Sm/RNP Autoantibody Production by Plasma Cells Residing in Ectopic Lymphoid Tissue and Bone Marrow Memory B Cells. Journal of Immunology, 2013, 190, 3916-3927.	0.4	21
138	What's New in Shock? February 2013. Shock, 2013, 39, 117-120.	1.0	2
139	Acute kidney injury is associated with early cytokine changes after trauma. Journal of Trauma and Acute Care Surgery, 2013, 74, 1005-1013.	1.1	49
140	DAMPs, PAMPs, and the Origins of SIRS in Bacterial Sepsis. Shock, 2013, 39, 113-114.	1.0	62
141	Immediate postoperative inflammatory response predicts long-term outcome in lung-transplant recipients. Interactive Cardiovascular and Thoracic Surgery, 2012, 15, 603-607.	0.5	16
142	A regionalised strategy for improving motor vehicle-related highway driver deaths using a weighted averages method. Injury Prevention, 2012, 18, 16-21.	1.2	2
143	Monocyte Chemoattractant Protein-1/CCR2 Axis Promotes Vein Graft Neointimal Hyperplasia Through Its Signaling in Graft-Extrinsic Cell Populations. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 2418-2426.	1.1	22
144	Pleiotropic IFN-Dependent and -Independent Effects of IRF5 on the Pathogenesis of Experimental Lupus. Journal of Immunology, 2012, 188, 4113-4121.	0.4	53

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145	Persistent inflammation and immunosuppression. <i>Journal of Trauma and Acute Care Surgery</i> , 2012, 72, 1491-1501.	1.1	602
146	What Is the Role for the Inflammasome in Burn Injury and Sepsis?. <i>Shock</i> , 2012, 37, 124-125.	1.0	7
147	Benchmarking Outcomes in the Critically Injured Trauma Patient and the Effect of Implementing Standard Operating Procedures. <i>Annals of Surgery</i> , 2012, 255, 993-999.	2.1	92
148	The changing pattern and implications of multiple organ failure after blunt injury with hemorrhagic shock*. <i>Critical Care Medicine</i> , 2012, 40, 1129-1135.	0.4	139
149	Obese Patients Show a Depressed Cytokine Profile Following Severe Blunt Injury. <i>Shock</i> , 2012, 37, 253-256.	1.0	29
150	CXCR3 blockade: a novel anti-sepsis approach?. <i>Critical Care</i> , 2012, 16, 176.	2.5	1
151	Myeloid-derived suppressor cells in sepsis: friend or foe?. <i>Intensive Care Medicine</i> , 2012, 38, 928-930.	3.9	39
152	Microfluidics-based capture of human neutrophils for expression analysis in blood and bronchoalveolar lavage. <i>Laboratory Investigation</i> , 2011, 91, 1787-1795.	1.7	23
153	Early Blood Biomarkers Predict Organ Injury and Resource Utilization Following Complex Cardiac Surgery. <i>Journal of Surgical Research</i> , 2011, 168, 168-172.	0.8	12
154	A Paradoxical Role for Myeloid-Derived Suppressor Cells in Sepsis and Trauma. <i>Molecular Medicine</i> , 2011, 17, 281-292.	1.9	292
155	The Potential Influence of Common Viral Infections Diagnosed during Hospitalization among Critically Ill Patients in the United States. <i>PLoS ONE</i> , 2011, 6, e18890.	1.1	31
156	Mopeds and Scooters: Crash Outcomes in a High Traffic State. <i>Journal of Trauma</i> , 2011, 71, 217-222.	2.3	18
157	B cells enhance early innate immune responses during bacterial sepsis. <i>Journal of Experimental Medicine</i> , 2011, 208, 1673-1682.	4.2	144
158	A genomic storm in critically injured humans. <i>Journal of Experimental Medicine</i> , 2011, 208, 2581-2590.	4.2	1,040
159	Roles of Vaccinia Virus Genes E3L and K3L and Host Genes PKR and RNase L during Intratracheal Infection of C57BL/6 Mice. <i>Journal of Virology</i> , 2011, 85, 550-567.	1.5	49
160	Human transcriptome array for high-throughput clinical studies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 3707-3712.	3.3	122
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