Hector R Wong

List of Publications by Year
in descending order

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297 papers	17,797 citations	9234 74 h-index	20307 116 g-index
304 all docs	304 docs citations	304 times ranked	15519 citing authors

#	Article	IF	Citations
1	Zinc homeostasis in pediatric critical illness*. Pediatric Critical Care Medicine, 2009, 10, 29-34.	0.2	653
2	Surviving Sepsis Campaign International Guidelines for the Management of Septic Shock and Sepsis-Associated Organ Dysfunction in Children. Pediatric Critical Care Medicine, 2020, 21, e52-e106.	0.2	567
3	Classification of patients with sepsis according to blood genomic endotype: a prospective cohort study. Lancet Respiratory Medicine,the, 2017, 5, 816-826.	5.2	381
4	Surviving sepsis campaign international guidelines for the management of septic shock and sepsis-associated organ dysfunction in children. Intensive Care Medicine, 2020, 46, 10-67.	3.9	331
5	Serum neutrophil gelatinase-associated lipocalin (NGAL) as a marker of acute kidney injury in critically ill children with septic shock. Critical Care Medicine, 2008, 36, 1297-1303.	0.4	304
6	Robust classification of bacterial and viral infections via integrated host gene expression diagnostics. Science Translational Medicine, 2016, 8, 346ra91.	5.8	299
7	Genomic expression profiling across the pediatric systemic inflammatory response syndrome, sepsis, and septic shock spectrum*. Critical Care Medicine, 2009, 37, 1558-1566.	0.4	285
8	A comprehensive time-courseâ€“based multicohort analysis of sepsis and sterile inflammation reveals a robust diagnostic gene set. Science Translational Medicine, 2015, 7, 287ra71.	5.8	271
9	Melatonin inhibits expression of the inducible isoform of nitric oxide synthase in murine macrophages: role of inhibition of NFÎºB activation. FASEB Journal, 1998, 12, 685-693.	0.2	252
10	Developing a Clinically Feasible Personalized Medicine Approach to Pediatric Septic Shock. American Journal of Respiratory and Critical Care Medicine, 2015, 191, 309-315.	2.5	232
11	Time for a Neonatal-Specific Consensus Definition for Sepsis. Pediatric Critical Care Medicine, 2014, 15, 523-528.	0.2	224
12	Genome-level expression profiles in pediatric septic shock indicate a role for altered zinc homeostasis in poor outcome. Physiological Genomics, 2007, 30, 146-155.	1.0	221
13	Unsupervised Analysis of Transcriptomics in Bacterial Sepsis Across Multiple Datasets Reveals Three Robust Clusters. Critical Care Medicine, 2018, 46, 915-925.	0.4	219
14	Identification of pediatric septic shock subclasses based on genome-wide expression profiling. BMC Medicine, 2009, 7, 34.	2.3	216
15	Derivation and validation of the renal angina index to improve the prediction of acute kidney injury in critically ill children. Kidney International, 2014, 85, 659-667.	2.6	203
16	The Influence of Developmental Age on the Early Transcriptomic Response of Children with Septic Shock. Molecular Medicine, 2011, 17, 1146-1156.	1.9	195
17	Pathophysiology and Treatment of Septic Shock in Neonates. Clinics in Perinatology, 2010, 37, 439-479.	0.8	183
18	The Host Response to Sepsis and Developmental Impact. Pediatrics, 2010, 125, 1031-1041.	1.0	183

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19	Prognostic and predictive enrichment in sepsis. Nature Reviews Nephrology, 2020, 16, 20-31.	4.1	182
20	A community approach to mortality prediction in sepsis via gene expression analysis. Nature Communications, 2018, 9, 694.	5.8	178
21	Epigallocatechin, a Green Tea Polyphenol, Attenuates Myocardial Ischemia Reperfusion Injury in Rats. Molecular Medicine, 2004, 10, 55-62.	1.9	173
22	Nuclear factor-ÎºB as a therapeutic target in critical care medicine. Critical Care Medicine, 2003, 31, S105-S111.	0.4	170
23	The pediatric sepsis biomarker risk model. Critical Care, 2012, 16, R174.	2.5	166
24	Combining Functional and Tubular Damage Biomarkers Improves Diagnostic Precision for Acute Kidney Injury After Cardiac Surgery. Journal of the American College of Cardiology, 2014, 64, 2753-2762.	1.2	160
25	Metabolomics as a Novel Approach for Early Diagnosis of Pediatric Septic Shock and Its Mortality. American Journal of Respiratory and Critical Care Medicine, 2013, 187, 967-976.	2.5	159
26	Inhaled nitric oxide increases endothelin-1 levels: A potential cause of rebound pulmonary hypertension. Critical Care Medicine, 2002, 30, 89-93.	0.4	148
27	Biomarkers for pediatric sepsis and septic shock. Expert Review of Anti-Infective Therapy, 2011, 9, 71-79.	2.0	146
28	The Serine/Threonine Phosphatase, PP2A: Endogenous Regulator of Inflammatory Cell Signaling. Journal of Immunology, 2001, 166, 966-972.	0.4	144
29	The Congenital Heart Disease Genetic Network Study. Circulation Research, 2013, 112, 698-706.	2.0	142
30	Validation of a gene expression-based subclassification strategy for pediatric septic shock*. Critical Care Medicine, 2011, 39, 2511-2517.	0.4	140
31	Redefining critical illness. Nature Medicine, 2022, 28, 1141-1148.	15.2	136
32	Epigallocatechin-3-gallate, a Green Teaâ€“Derived Polyphenol, Inhibits IL-1Î²-Dependent Proinflammatory Signal Transduction in Cultured Respiratory Epithelial Cells. Journal of Nutrition, 2004, 134, 1039-1044.	1.3	135
33	Usefulness of corticosteroid therapy in decreasing epinephrine requirements in critically ill infants with congenital heart disease. American Journal of Cardiology, 2001, 88, 591-594.	0.7	134
34	Interactions between the heat shock response and the nuclear factor-ÎºB signaling pathway. Critical Care Medicine, 2002, 30, S89-S95.	0.4	133
35	Extracellular Heat Shock Protein-70 Induces Endotoxin Tolerance in THP-1 Cells. Journal of Immunology, 2006, 177, 7184-7192.	0.4	131
36	Interleukin-8 as a Stratification Tool for Interventional Trials Involving Pediatric Septic Shock. American Journal of Respiratory and Critical Care Medicine, 2008, 178, 276-282.	2.5	129

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37	Biomarkers of sepsis and their potential value in diagnosis, prognosis and treatment. Expert Review of Clinical Immunology, 2014, 10, 1349-1356.	1.3	127
38	Increased serum nitrite and nitrate concentrations in children with the sepsis syndrome. Critical Care Medicine, 1995, 23, 835-842.	0.4	127
39	Incorporation of Biomarkers with the Renal Angina Index for Prediction of Severe AKI in Critically Ill Children. Clinical Journal of the American Society of Nephrology: CJASN, 2014, 9, 654-662.	2.2	125
40	The Myeloid Transcription Factor KLF2 Regulates the Host Response to Polymicrobial Infection and Endotoxic Shock. Immunity, 2011, 34, 715-728.	6.6	124
41	Absence of inducible nitric oxide synthase modulates early reperfusionâ€induced NFâ€ÎºB and APâ€1 activation and enhances myocardial damage. FASEB Journal, 2002, 16, 327-342.	0.2	115
42	Genome-Level Longitudinal Expression of Signaling Pathways and Gene Networks in Pediatric Septic Shock. Molecular Medicine, 2007, 13, 495-508.	1.9	114
43	Heat shock response and acute lung injuryâ˜†. Free Radical Biology and Medicine, 2007, 42, 1-14.	1.3	114
44	Zinc Supplementation in Critically Ill Patients: A Key Pharmaconutrient?. Journal of Parenteral and Enteral Nutrition, 2008, 32, 509-519.	1.3	113
45	Role of Biomarkers in Sepsis Care. Shock, 2013, 40, 358-365.	1.0	113
46	The Heat Shock Response Inhibits Inducible Nitric Oxide Synthase Gene Expression by Blocking Îº-B Degradation and NF-ÎºB Nuclear Translocation. Biochemical and Biophysical Research Communications, 1997, 231, 257-263.	1.0	112
47	ADMISSION ANGIOPOIETIN LEVELS IN CHILDREN WITH SEPTIC SHOCK. Shock, 2007, 28, 650-654.	1.0	112
48	Adaptation and increased susceptibility to infection associated with constitutive expression of misfolded SP-C. Journal of Cell Biology, 2006, 172, 395-407.	2.3	111
49	Extracellular Hsp72, an endogenous DAMP, is released by virally infected airway epithelial cells and activates neutrophils via Toll-like receptor (TLR)-4. Respiratory Research, 2009, 10, 31.	1.4	110
50	Extracellular hsp70 levels in children with septic shock*. Pediatric Critical Care Medicine, 2005, 6, 308-311.	0.2	108
51	A Multibiomarker-Based Outcome Risk Stratification Model for Adult Septic Shock*. Critical Care Medicine, 2014, 42, 781-789.	0.4	107
52	Gene expression profiling in sepsis: timing, tissue, and translational considerations. Trends in Molecular Medicine, 2014, 20, 204-213.	3.5	107
53	Cerebrospinal fluid and plasma nitrite and nitrate concentrations after head injury in humans. Critical Care Medicine, 1996, 24, 1243-1251.	0.4	107
54	Biomarker discovery and development in pediatric critical care medicine*. Pediatric Critical Care Medicine, 2011, 12, 165-173.	0.2	105

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55	Parthenolide, an Inhibitor of the Nuclear Factor-ÎºB Pathway, Ameliorates Cardiovascular Derangement and Outcome in Endotoxic Shock in Rodents. Molecular Pharmacology, 2002, 61, 953-963.	1.0	104
56	Hsp72 Induces Inflammation and Regulates Cytokine Production in Airway Epithelium through a TLR4- and NF-ÎºB-Dependent Mechanism. Journal of Immunology, 2007, 179, 6318-6324.	0.4	104
57	INDUCTION OF ENDOTOXIN TOLERANCE ENHANCES BACTERIAL CLEARANCE AND SURVIVAL IN MURINE POLYMICROBIAL SEPSIS. Shock, 2008, 30, 267-273.	1.0	101
58	Combining Prognostic and Predictive Enrichment Strategies to Identify Children With Septic Shock Responsive to Corticosteroids*. Critical Care Medicine, 2016, 44, e1000-e1003.	0.4	99
59	A green tea-derived polyphenol, epigallocatechin-3-gallate, inhibits IkappaB kinase activation and IL-8 gene expression in respiratory epithelium. Inflammation, 2002, 26, 233-241.	1.7	97
60	Admission angiopoietin levels in children with septic shock. Shock, 2007, 28, 650-654.	1.0	97
61	Pediatric Sepsis Biomarker Risk Model-II: Redefining the Pediatric Sepsis Biomarker Risk Model With Septic Shock Phenotype. Critical Care Medicine, 2016, 44, 2010-2017.	0.4	95
62	Validating the genomic signature of pediatric septic shock. Physiological Genomics, 2008, 34, 127-134.	1.0	94
63	Trajectory of Mortality and Health-Related Quality of Life Morbidity Following Community-Acquired Pediatric Septic Shock*. Critical Care Medicine, 2020, 48, 329-337.	0.4	91
64	Therapeutic effect of epigallocatechin-3-gallate in a mouse model of colitis. European Journal of Pharmacology, 2008, 579, 411-417.	1.7	90
65	Toward a clinically feasible gene expression-based subclassification strategy for septic shock: Proof of concept. Critical Care Medicine, 2010, 38, 1955-1961.	0.4	84
66	Targeting IL-17A attenuates neonatal sepsis mortality induced by IL-18. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E2627-35.	3.3	83
67	Advancing precision medicine for acute respiratory distress syndrome. Lancet Respiratory Medicine,the, 2022, 10, 107-120.	5.2	83
68	Intracellular delivery of HSP70 using HIV-1 Tat protein transduction domain. Biochemical and Biophysical Research Communications, 2003, 301, 54-59.	1.0	82
69	Glutamine's protection against cellular injury is dependent on heat shock factor-1. American Journal of Physiology - Cell Physiology, 2006, 290, C1625-C1632.	2.1	82
70	AGE-DEPENDENT RESPONSES TO HEPATIC ISCHEMIA/REPERFUSION INJURY. Shock, 2005, 24, 421-427.	1.0	81
71	Genetics and genomics in pediatric septic shock. Critical Care Medicine, 2012, 40, 1618-1626.	0.4	81
72	Olfactomedin-4 Is a Candidate Marker for a Pathogenic Neutrophil Subset in Septic Shock. Critical Care Medicine, 2017, 45, e426-e432.	0.4	81

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73	Sepsis Subclasses: A Framework for Development and Interpretation*. Critical Care Medicine, 2021, 49, 748-759.	0.4	81
74	A novel role for matrix metalloproteinase-8 in sepsis*. Critical Care Medicine, 2012, 40, 379-387.	0.4	80
75	Sesquiterpene Lactones Inhibit Inducible Nitric Oxide Synthase Gene Expression in Cultured Rat Aortic Smooth Muscle Cells. Biochemical and Biophysical Research Communications, 1999, 262, 375-380.	1.0	79
76	Interleukin-27 is a novel candidate diagnostic biomarker for bacterial infection in critically ill children. Critical Care, 2012, 16, R213.	2.5	79
77	An update and review of acute kidney injury in pediatrics. Pediatric Critical Care Medicine, 2011, 12, 339-347.	0.2	77
78	Selectively increasing inducible heat shock protein 70 via TAT-protein transduction protects neurons from nitrosative stress and excitotoxicity. Journal of Neurochemistry, 2005, 94, 360-366.	2.1	75
79	Clinical review: Sepsis and septic shock - the potential of gene arrays. Critical Care, 2012, 16, 204.	2.5	75
80	Hepatocyte NF-Î¹B activation is hepatoprotective during ischemia-reperfusion injury and is augmented by ischemic hypothermia. American Journal of Physiology - Renal Physiology, 2007, 292, G201-G207.	1.6	70
81	Executive summary: surviving sepsis campaign international guidelines for the management of septic shock and sepsis-associated organ dysfunction in children. Intensive Care Medicine, 2020, 46, 1-9.	3.9	70
82	Post-ICU Admission Fluid Balance and Pediatric Septic Shock Outcomes. Critical Care Medicine, 2014, 42, 397-403.	0.4	69
83	Testing the Prognostic Accuracy of the Updated Pediatric Sepsis Biomarker Risk Model. PLoS ONE, 2014, 9, e86242.	1.1	69
84	CONTRIBUTION OF MKP-1 REGULATION OF p38 TO ENDOTOXIN TOLERANCE. Shock, 2005, 23, 80-87.	1.0	68
85	Reduced Peroxisome Proliferator-Activated Receptor Î± Expression Is Associated With Decreased Survival and Increased Tissue Bacterial Load in Sepsis. Shock, 2012, 37, 164-169.	1.0	68
86	Differential regulation of activator protein-1 and heat shock factor-1 in myocardial ischemia and reperfusion injury: role of poly(ADP-ribose) polymerase-1. American Journal of Physiology - Heart and Circulatory Physiology, 2004, 286, H1408-H1415.	1.5	65
87	Improved Risk Stratification in Pediatric Septic Shock Using Both Protein and mRNA Biomarkers. PERSEVERE-XP. American Journal of Respiratory and Critical Care Medicine, 2017, 196, 494-501.	2.5	65
88	Theaflavin, a black tea extract, is a novel anti-inflammatory compound. Critical Care Medicine, 2004, 32, 2097-2103.	0.4	64
89	Mechanisms and Regulation of the Gene-Expression Response to Sepsis. Pediatrics, 2010, 125, 1248-1258.	1.0	64
90	Critical Illness Factors Associated With Long-Term Mortality and Health-Related Quality of Life Morbidity Following Community-Acquired Pediatric Septic Shock*. Critical Care Medicine, 2020, 48, 319-328.	0.4	64

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91	Curcumin, a medicinal herbal compound capable of inducing the heat shock response. Critical Care Medicine, 2001, 29, 2199-2204.	0.4	63
92	Corticosteroids Are Associated with Repression of Adaptive Immunity Gene Programs in Pediatric Septic Shock. American Journal of Respiratory and Critical Care Medicine, 2014, 189, 940-946.	2.5	63
93	T-cell activation profiles distinguish hemophagocytic lymphohistiocytosis and early sepsis. Blood, 2021, 137, 2337-2346.	0.6	63
94	SESQUITERPENE LACTONES ARE POTENT INHIBITORS OF INTERLEUKIN 8 GENE EXPRESSION IN CULTURED HUMAN RESPIRATORY EPITHELIUM. Cytokine, 2000, 12, 239-245.	1.4	62
95	Parthenolide improves systemic hemodynamics and decreases tissue leukosequestration in rats with polymicrobial sepsis*. Critical Care Medicine, 2003, 31, 2263-2270.	0.4	62
96	Doxorubicin-induced cardiotoxicity: direct correlation of cardiac fibroblast and H9c2 cell survival and aconitase activity with heat shock protein 27. American Journal of Physiology - Heart and Circulatory Physiology, 2007, 293, H3111-H3121.	1.5	60
97	Hyperchloremia Is Associated With Complicated Course and Mortality in Pediatric Patients With Septic Shock*. Pediatric Critical Care Medicine, 2018, 19, 155-160.	0.2	60
98	Sesquiterpene Lactone Parthenolide, an Inhibitor of I??B Kinase Complex and Nuclear Factor-??B, Exerts Beneficial Effects in Myocardial Reperfusion Injury. Shock, 2002, 17, 127-134.	1.0	59
99	â€Children are not Small Adults!â€œ. The Open Inflammation Journal, 2011, 4, 4-15.	0.5	58
100	Hypothermia decreases excitatory neurotransmitter release in bacterial meningitis in rabbits1Published on the World Wide Web on 1 October 1999.1. Brain Research, 1999, 847, 143-148.	1.1	57
101	Heat Shock Inhibits TNF-Induced ICAM-1 Expression in Human Endothelial Cells Via I Kappa Kinase Inhibition. Shock, 2002, 17, 91-97.	1.0	56
102	DIVERSE CARDIOPROTECTIVE SIGNALING MECHANISMS OF PEROXISOME PROLIFERATOR-ACTIVATED RECEPTOR-Î³ LIGANDS, 15-DEOXY-Î”12,14-PROSTAGLANDIN J2 AND CIGLITAZONE, IN REPERFUSION INJURY. Shock, 2007, 28, 554-563.	1.0	56
103	Corticosteroids and Pediatric Septic Shock Outcomes: A Risk Stratified Analysis. PLoS ONE, 2014, 9, e112702.	1.1	56
104	Zinc Detection in Serum by Anodic Stripping Voltammetry on Microfabricated Bismuth Electrodes. Electroanalysis, 2013, 25, 401-407.	1.5	55
105	Cytokine-induced nitric oxide synthase gene transcription is blocked by the heat shock response in human liver cells. Surgery, 1996, 120, 144-149.	1.0	54
106	Two subphenotypes of septic acute kidney injury are associated with different 90-day mortality and renal recovery. Critical Care, 2020, 24, 150.	2.5	54
107	HEAT SHOCK INHIBITS PHOSPHORYLATION OF I-Î²BÎ±. Shock, 2000, 14, 447-450.	1.0	53
108	Prophylactic zinc supplementation reduces bacterial load and improves survival in a murine model of sepsis. Pediatric Critical Care Medicine, 2012, 13, e323-e329.	0.2	53

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109	Postnatal Age Is a Critical Determinant of the Neonatal Host Response to Sepsis. Molecular Medicine, 2015, 21, 496-504.	1.9	53
110	Leukocyte subset-derived genomewide expression profiles in pediatric septic shock*. Pediatric Critical Care Medicine, 2009, 11, 1.	0.2	53
111	Role of heat shock protein 70 in hepatic ischemia-reperfusion injury in mice. American Journal of Physiology - Renal Physiology, 2007, 292, G1141-G1149.	1.6	52
112	HSP27 regulates p53 transcriptional activity in doxorubicin-treated fibroblasts and cardiac H9c2 cells: p21 upregulation and G₂/M phase cell cycle arrest. American Journal of Physiology - Heart and Circulatory Physiology, 2008, 294, H1736-H1744.	1.5	52
113	Lung injury after hemorrhage is age dependent: Role of peroxisome proliferator-activated receptor Î³*. Critical Care Medicine, 2009, 37, 1978-1987.	0.4	52
114	Genome-wide expression profiling in pediatric septic shock. Pediatric Research, 2013, 73, 564-569.	1.1	52
115	Activation of hepatocytes by extracellular heat shock protein 72. American Journal of Physiology - Cell Physiology, 2008, 295, C514-C520.	2.1	51
116	Identification of candidate serum biomarkers for severe septic shock-associated kidney injury via microarray. Critical Care, 2011, 15, R273.	2.5	51
117	Acetylsalicylic acidâ€“induced release of HSP70 from mast cells results in cell activation through TLR pathway. Experimental Hematology, 2006, 34, 8-18.	0.2	50
118	Beyond Survival: Pediatric Critical Care Interventional Trial Outcome Measure Preferences of Families and Healthcare Professionals*. Pediatric Critical Care Medicine, 2018, 19, e105-e111.	0.2	50
119	Prospective clinical testing and experimental validation of the Pediatric Sepsis Biomarker Risk Model. Science Translational Medicine, 2019, 11, .	5.8	50
120	Novel Pharmacologic Approaches to the Management of Sepsis: Targeting the Host Inflammatory Response. Recent Patents on Inflammation and Allergy Drug Discovery, 2009, 3, 96-112.	3.9	50
121	HEAT SHOCK PROTEIN INDUCTION PROTECTS HUMAN RESPIRATORY EPITHELIUM AGAINST NITRIC OXIDE-MEDIATED CYTOTOXICITY. Shock, 1997, 8, 213-218.	1.0	49
122	Executive Summary: Surviving Sepsis Campaign International Guidelines for the Management of Septic Shock and Sepsis-Associated Organ Dysfunction in Children. Pediatric Critical Care Medicine, 2020, 21, 186-195.	0.2	48
123	Extracellular Heat Shock Proteins: Alarmins for the Host Immune System. The Open Inflammation Journal, 2011, 4, 49-60.	0.5	48
124	Proteasome inhibitors induce heat shock response and increase IL-6 expression in human intestinal epithelial cells. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2002, 282, R1016-R1026.	0.9	47
125	Heat Shock Inhibits Activation of NF-ÎºB in the Absence of Heat Shock Factor-1. Biochemical and Biophysical Research Communications, 2002, 291, 453-457.	1.0	46
126	Olfactomedin 4 marks a subset of neutrophils in mice. Innate Immunity, 2019, 25, 22-33.	1.1	46

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127	Induction of the stress response with prostaglandin A 1 increases Iâ€ÎºBÎ± gene expression. FASEB Journal, 1998, 12, 1371-1378.	0.2	45
128	Proteasome Inhibitors Induce Inhibitory ÎºB (IÎºB) Kinase Activation, IÎºBÎ± Degradation, and Nuclear Factor ÎºB Activation in HT-29 Cells. Molecular Pharmacology, 2004, 65, 342-349.	1.0	45
129	Endotype Transitions During the Acute Phase of Pediatric Septic Shock Reflect Changing Risk and Treatment Response. Critical Care Medicine, 2018, 46, e242-e249.	0.4	45
130	PERSEVERE Biomarkers Predict Severe Acute Kidney Injury and Renal Recovery in Pediatric Septic Shock. American Journal of Respiratory and Critical Care Medicine, 2020, 201, 848-855.	2.5	45
131	Plasmapheresis to Treat Hypertriglyceridemia in a Child With Diabetic Ketoacidosis and Pancreatitis. Pediatrics, 2012, 129, e195-e198.	1.0	44
132	THE GREEN TEA POLYPHENOL EPIGALLOCATECHIN-3-GALLATE IMPROVES SYSTEMIC HEMODYNAMICS AND SURVIVAL IN RODENT MODELS OF POLYMICROBIAL SEPSIS. Shock, 2007, 28, 353-359.	1.0	42
133	Interleukin 27 as a Sepsis Diagnostic Biomarker in Critically Ill Adults. Shock, 2013, 40, 382-386.	1.0	42
134	Intensive care medicine in 2050: precision medicine. Intensive Care Medicine, 2017, 43, 1507-1509.	3.9	42
135	Machine Learning Identifies Complicated Sepsis Course and Subsequent Mortality Based on 20 Genes in Peripheral Blood Immune Cells at 24 H Post-ICU Admission. Frontiers in Immunology, 2021, 12, 592303.	2.2	42
136	Admission chemokine (C-C motif) ligand 4 levels predict survival in pediatric septic shock*. Pediatric Critical Care Medicine, 2010, 11, 213-216.	0.2	41
137	Plasma interleukin-8 is not an effective risk stratification tool for adults with vasopressor-dependent septic shock*. Critical Care Medicine, 2010, 38, 1436-1441.	0.4	40
138	Increased expression of heat shock protein-70 protects A549 cells against hyperoxia. American Journal of Physiology - Lung Cellular and Molecular Physiology, 1998, 275, L836-L841.	1.3	39
139	Heat shock-mediated regulation of MKP-1. American Journal of Physiology - Cell Physiology, 2005, 289, C1152-C1158.	2.1	39
140	A Survey of Stated Physician Practices and Beliefs on the Use of Steroids in Pediatric Fluid and/or Vasoactive Infusion-Dependent Shock*. Pediatric Critical Care Medicine, 2013, 14, 462-466.	0.2	39
141	Geldanamycin Inhibits NF- Îº B Activation and Interleukin-8 Gene Expression in Cultured Human Respiratory Epithelium. American Journal of Respiratory Cell and Molecular Biology, 2001, 25, 92-97.	1.4	38
142	Age-related decrease in proteasome expression contributes to defective nuclear factor-ÎºB activation during hepatic ischemia/reperfusion. Hepatology, 2009, 49, 1718-1728.	3.6	38
143	Interleukin-27: a novel biomarker in predicting bacterial infection among the critically ill. Critical Care, 2015, 19, 378.	2.5	38
144	<scp>PPAR</scp>Î±contributes to protection against metabolic and inflammatory derangements associated with acute kidney injury in experimental sepsis. Physiological Reports, 2019, 7, e14078.	0.7	38

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145	A Research Agenda for Precision Medicine in Sepsis and Acute Respiratory Distress Syndrome: An Official American Thoracic Society Research Statement. American Journal of Respiratory and Critical Care Medicine, 2021, 204, 891-901.	2.5	38
146	Changes in peroxisome proliferator-activated receptor-gamma activity in children with septic shock. Intensive Care Medicine, 2010, 36, 123-130.	3.9	37
147	Validation of the Sepsis MetaScore for Diagnosis of Neonatal Sepsis. Journal of the Pediatric Infectious Diseases Society, 2018, 7, 129-135.	0.6	37
148	Pediatric Sepsis. Critical Care Clinics, 2013, 29, 203-222.	1.0	36
149	Clinical Utility of Computed Tomography and Magnetic Resonance Imaging for Diagnosis of Posterior Reversible Encephalopathy Syndrome after Stem Cell Transplantation in Children and Adolescents. Biology of Blood and Marrow Transplantation, 2015, 21, 2028-2032.	2.0	36
150	SOCS1 is a negative regulator of metabolic reprogramming during sepsis. JCI Insight, 2017, 2, .	2.3	36
151	The Temporal Version of the Pediatric Sepsis Biomarker Risk Model. PLoS ONE, 2014, 9, e92121.	1.1	36
152	Risk Stratification and Prognosis in Sepsis. Clinics in Chest Medicine, 2016, 37, 209-218.	0.8	35
153	A Randomized Controlled Trial of Corticosteroids in Pediatric Septic Shock: A Pilot Feasibility Study*. Pediatric Critical Care Medicine, 2017, 18, 505-512.	0.2	35
154	Pediatric Sepsis Endotypes Among Adults With Sepsis. Critical Care Medicine, 2017, 45, e1289-e1291.	0.4	35
155	Hyperoxia synergistically increases TNF-Î±-induced interleukin-8 gene expression in A549 cells. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2000, 278, L253-L260.	1.3	34
156	Plasma angiopoietin-2 levels increase in children following cardiopulmonary bypass. Intensive Care Medicine, 2008, 34, 1851-1857.	3.9	34
157	PP2A REGULATES UPSTREAM MEMBERS OF THE C-JUN N-TERMINAL KINASE MITOGEN-ACTIVATED PROTEIN KINASE SIGNALING PATHWAY. Shock, 2008, 29, 181-188.	1.0	34
158	A Cohort Study of Pediatric Shock. Shock, 2015, 44, 402-409.	1.0	32
159	Early Diagnosis of Sepsis: Is an Integrated Omics Approach the Way Forward?. Molecular Diagnosis and Therapy, 2017, 21, 525-537.	1.6	32
160	Precision medicine in pediatric sepsis. Current Opinion in Pediatrics, 2019, 31, 322-327.	1.0	31
161	Heat shock proteins. Facts, thoughts, and dreams. Shock, 1999, 12, 323.	1.0	30
162	Sepsis in the Pediatric Cardiac Intensive Care Unit. World Journal for Pediatric & Congenital Heart Surgery, 2011, 2, 393-399.	0.3	30

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163	The pediatric sepsis biomarker risk model: potential implications for sepsis therapy and biology. Expert Review of Anti-Infective Therapy, 2014, 12, 809-816.	2.0	30
164	Histological chorioamnionitis shapes the neonatal transcriptomic immune response. Early Human Development, 2016, 98, 1-6.	0.8	30
165	Induction of the stress response increases interleukin-6 production in the intestinal mucosa of endotoxaemic mice. Clinical Science, 2000, 99, 489-496.	1.8	28
166	Emerging infection and sepsis biomarkers: will they change current therapies?. Expert Review of Anti-Infective Therapy, 2016, 14, 929-941.	2.0	28
167	Adaptation of a Biomarker-Based Sepsis Mortality Risk Stratification Tool for Pediatric Acute Respiratory Distress Syndrome*. Critical Care Medicine, 2018, 46, e9-e16.	0.4	28
168	Temporal and mechanistic effects of heat shock on LPS-mediated degradation of IkappaBalpha in macrophages. Inflammation, 2002, 26, 129-137.	1.7	27
169	CpG DNA modulates interleukin 1Î²-induced interleukin-8 expression in human bronchial epithelial (16HBE14o-) cells. Respiratory Research, 2006, 7, 84.	1.4	27
170	Zinc supplementation leads to immune modulation and improved survival in a juvenile model of murine sepsis. Innate Immunity, 2017, 23, 67-76.	1.1	27
171	Intracatheter nitroglycerin infusion fails to prevent catheter-related venous thrombosis: a randomized, controlled trial. Intensive Care Medicine, 2001, 27, 187-192.	3.9	26
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