

Hector R Wong

List of Publications by Citations

Source: <https://exaly.com/author-pdf/1431834/hector-r-wong-publications-by-citations.pdf>

Version: 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

280
papers

13,020
citations

65
h-index

100
g-index

304
ext. papers

15,786
ext. citations

5.3
avg, IF

6.54
L-index

#	Paper	IF	Citations
280	Zinc homeostasis in pediatric critical illness. <i>Pediatric Critical Care Medicine</i> , 2009 , 10, 29-34	3	644
279	Serum neutrophil gelatinase-associated lipocalin (NGAL) as a marker of acute kidney injury in critically ill children with septic shock. <i>Critical Care Medicine</i> , 2008 , 36, 1297-303	1.4	260
278	Surviving Sepsis Campaign International Guidelines for the Management of Septic Shock and Sepsis-Associated Organ Dysfunction in Children. <i>Pediatric Critical Care Medicine</i> , 2020 , 21, e52-e106	3	241
277	Genomic expression profiling across the pediatric systemic inflammatory response syndrome, sepsis, and septic shock spectrum. <i>Critical Care Medicine</i> , 2009 , 37, 1558-66	1.4	234
276	Melatonin inhibits expression of the inducible isoform of nitric oxide synthase in murine macrophages: role of inhibition of NFkappaB activation. <i>FASEB Journal</i> , 1998 , 12, 685-93	0.9	221
275	A comprehensive time-course-based multicohort analysis of sepsis and sterile inflammation reveals a robust diagnostic gene set. <i>Science Translational Medicine</i> , 2015 , 7, 287ra71	17.5	197
274	Classification of patients with sepsis according to blood genomic endotype: a prospective cohort study. <i>Lancet Respiratory Medicine</i> , 2017 , 5, 816-826	35.1	187
273	Genome-level expression profiles in pediatric septic shock indicate a role for altered zinc homeostasis in poor outcome. <i>Physiological Genomics</i> , 2007 , 30, 146-55	3.6	187
272	Robust classification of bacterial and viral infections via integrated host gene expression diagnostics. <i>Science Translational Medicine</i> , 2016 , 8, 346ra91	17.5	180
271	The influence of developmental age on the early transcriptomic response of children with septic shock. <i>Molecular Medicine</i> , 2011 , 17, 1146-56	6.2	165
270	Time for a neonatal-specific consensus definition for sepsis. <i>Pediatric Critical Care Medicine</i> , 2014 , 15, 523-8	3	157
269	Epigallocatechin, a green tea polyphenol, attenuates myocardial ischemia reperfusion injury in rats. <i>Molecular Medicine</i> , 2004 , 10, 55-62	6.2	155
268	The host response to sepsis and developmental impact. <i>Pediatrics</i> , 2010 , 125, 1031-41	7.4	152
267	Nuclear factor-kappaB as a therapeutic target in critical care medicine. <i>Critical Care Medicine</i> , 2003 , 31, S105-11	1.4	152
266	Developing a clinically feasible personalized medicine approach to pediatric septic shock. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015 , 191, 309-15	10.2	150
265	Identification of pediatric septic shock subclasses based on genome-wide expression profiling. <i>BMC Medicine</i> , 2009 , 7, 34	11.4	149
264	Derivation and validation of the renal angina index to improve the prediction of acute kidney injury in critically ill children. <i>Kidney International</i> , 2014 , 85, 659-67	9.9	141

263	Pathophysiology and treatment of septic shock in neonates. <i>Clinics in Perinatology</i> , 2010 , 37, 439-79	2.8	135
262	Inhaled nitric oxide increases endothelin-1 levels: a potential cause of rebound pulmonary hypertension. <i>Critical Care Medicine</i> , 2002 , 30, 89-93	1.4	132
261	Surviving sepsis campaign international guidelines for the management of septic shock and sepsis-associated organ dysfunction in children. <i>Intensive Care Medicine</i> , 2020 , 46, 10-67	14.5	130
260	Metabolomics as a novel approach for early diagnosis of pediatric septic shock and its mortality. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013 , 187, 967-76	10.2	125
259	Combining functional and tubular damage biomarkers improves diagnostic precision for acute kidney injury after cardiac surgery. <i>Journal of the American College of Cardiology</i> , 2014 , 64, 2753-62	15.1	122
258	The serine/threonine phosphatase, PP2A: endogenous regulator of inflammatory cell signaling. <i>Journal of Immunology</i> , 2001 , 166, 966-72	5.3	122
257	Usefulness of corticosteroid therapy in decreasing epinephrine requirements in critically ill infants with congenital heart disease. <i>American Journal of Cardiology</i> , 2001 , 88, 591-4	3	116
256	Unsupervised Analysis of Transcriptomics in Bacterial Sepsis Across Multiple Datasets Reveals Three Robust Clusters. <i>Critical Care Medicine</i> , 2018 , 46, 915-925	1.4	115
255	Biomarkers for pediatric sepsis and septic shock. <i>Expert Review of Anti-Infective Therapy</i> , 2011 , 9, 71-9	5.5	115
254	Extracellular heat shock protein-70 induces endotoxin tolerance in THP-1 cells. <i>Journal of Immunology</i> , 2006 , 177, 7184-92	5.3	115
253	Increased serum nitrite and nitrate concentrations in children with the sepsis syndrome. <i>Critical Care Medicine</i> , 1995 , 23, 835-42	1.4	114
252	The pediatric sepsis biomarker risk model. <i>Critical Care</i> , 2012 , 16, R174	10.8	113
251	Epigallocatechin-3-gallate, a green tea-derived polyphenol, inhibits IL-1 beta-dependent proinflammatory signal transduction in cultured respiratory epithelial cells. <i>Journal of Nutrition</i> , 2004 , 134, 1039-44	4.1	113
250	Interactions between the heat shock response and the nuclear factor- κ B signaling pathway. <i>Critical Care Medicine</i> , 2002 , 30, S89-S95	1.4	110
249	A community approach to mortality prediction in sepsis via gene expression analysis. <i>Nature Communications</i> , 2018 , 9, 694	17.4	106
248	The heat shock response inhibits inducible nitric oxide synthase gene expression by blocking I κ B degradation and NF- κ B nuclear translocation. <i>Biochemical and Biophysical Research Communications</i> , 1997 , 231, 257-63	3.4	106
247	Absence of inducible nitric oxide synthase modulates early reperfusion-induced NF- κ B and AP-1 activation and enhances myocardial damage. <i>FASEB Journal</i> , 2002 , 16, 327-42	0.9	105
246	The Congenital Heart Disease Genetic Network Study: rationale, design, and early results. <i>Circulation Research</i> , 2013 , 112, 698-706	15.7	104

245	Interleukin-8 as a stratification tool for interventional trials involving pediatric septic shock. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2008 , 178, 276-82	10.2	104
244	Genome-level longitudinal expression of signaling pathways and gene networks in pediatric septic shock. <i>Molecular Medicine</i> , 2007 , 13, 495-508	6.2	104
243	Adaptation and increased susceptibility to infection associated with constitutive expression of misfolded SP-C. <i>Journal of Cell Biology</i> , 2006 , 172, 395-407	7.3	104
242	Extracellular Hsp72, an endogenous DAMP, is released by virally infected airway epithelial cells and activates neutrophils via Toll-like receptor (TLR)-4. <i>Respiratory Research</i> , 2009 , 10, 31	7.3	100
241	The myeloid transcription factor KLF2 regulates the host response to polymicrobial infection and endotoxic shock. <i>Immunity</i> , 2011 , 34, 715-28	32.3	99
240	Hsp72 induces inflammation and regulates cytokine production in airway epithelium through a TLR4- and NF-kappaB-dependent mechanism. <i>Journal of Immunology</i> , 2007 , 179, 6318-24	5.3	98
239	Biomarkers of sepsis and their potential value in diagnosis, prognosis and treatment. <i>Expert Review of Clinical Immunology</i> , 2014 , 10, 1349-56	5.1	96
238	Parthenolide, an inhibitor of the nuclear factor-kappaB pathway, ameliorates cardiovascular derangement and outcome in endotoxic shock in rodents. <i>Molecular Pharmacology</i> , 2002 , 61, 953-63	4.3	96
237	Cerebrospinal fluid and plasma nitrite and nitrate concentrations after head injury in humans. <i>Critical Care Medicine</i> , 1996 , 24, 1243-51	1.4	96
236	Heat shock response and acute lung injury. <i>Free Radical Biology and Medicine</i> , 2007 , 42, 1-14	7.8	92
235	Admission angiopoietin levels in children with septic shock. <i>Shock</i> , 2007 , 28, 650-654	3.4	92
234	Role of biomarkers in sepsis care. <i>Shock</i> , 2013 , 40, 358-65	3.4	91
233	Incorporation of biomarkers with the renal angina index for prediction of severe AKI in critically ill children. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2014 , 9, 654-62	6.9	89
232	Validation of a gene expression-based subclassification strategy for pediatric septic shock. <i>Critical Care Medicine</i> , 2011 , 39, 2511-7	1.4	89
231	Extracellular hsp70 levels in children with septic shock. <i>Pediatric Critical Care Medicine</i> , 2005 , 6, 308-11	3	89
230	Induction of endotoxin tolerance enhances bacterial clearance and survival in murine polymicrobial sepsis. <i>Shock</i> , 2008 , 30, 267-73	3.4	89
229	Zinc supplementation in critically ill patients: a key pharmaconutrient?. <i>Journal of Parenteral and Enteral Nutrition</i> , 2008 , 32, 509-19	4.2	88
228	ADMISSION ANGIOPOIETIN LEVELS IN CHILDREN WITH SEPTIC SHOCK. <i>Shock</i> , 2007 , 28, 650-654	3.4	87

227	A green tea-derived polyphenol, epigallocatechin-3-gallate, inhibits IkappaB kinase activation and IL-8 gene expression in respiratory epithelium. <i>Inflammation</i> , 2002 , 26, 233-41	5.1	85
226	A multibiomarker-based outcome risk stratification model for adult septic shock*. <i>Critical Care Medicine</i> , 2014 , 42, 781-9	1.4	81
225	Validating the genomic signature of pediatric septic shock. <i>Physiological Genomics</i> , 2008 , 34, 127-34	3.6	79
224	Gene expression profiling in sepsis: timing, tissue, and translational considerations. <i>Trends in Molecular Medicine</i> , 2014 , 20, 204-13	11.5	77
223	Therapeutic effect of epigallocatechin-3-gallate in a mouse model of colitis. <i>European Journal of Pharmacology</i> , 2008 , 579, 411-7	5.3	76
222	Glutamine® protection against cellular injury is dependent on heat shock factor-1. <i>American Journal of Physiology - Cell Physiology</i> , 2006 , 290, C1625-32	5.4	76
221	Age-dependent responses to hepatic ischemia/reperfusion injury. <i>Shock</i> , 2005 , 24, 421-7	3.4	72
220	Intracellular delivery of HSP70 using HIV-1 Tat protein transduction domain. <i>Biochemical and Biophysical Research Communications</i> , 2003 , 301, 54-9	3.4	70
219	Sesquiterpene lactones inhibit inducible nitric oxide synthase gene expression in cultured rat aortic smooth muscle cells. <i>Biochemical and Biophysical Research Communications</i> , 1999 , 262, 375-80	3.4	70
218	Biomarker discovery and development in pediatric critical care medicine. <i>Pediatric Critical Care Medicine</i> , 2011 , 12, 165-73	3	67
217	Combining Prognostic and Predictive Enrichment Strategies to Identify Children With Septic Shock Responsive to Corticosteroids. <i>Critical Care Medicine</i> , 2016 , 44, e1000-3	1.4	66
216	Interleukin-27 is a novel candidate diagnostic biomarker for bacterial infection in critically ill children. <i>Critical Care</i> , 2012 , 16, R213	10.8	65
215	A novel role for matrix metalloproteinase-8 in sepsis. <i>Critical Care Medicine</i> , 2012 , 40, 379-87	1.4	65
214	An update and review of acute kidney injury in pediatrics. <i>Pediatric Critical Care Medicine</i> , 2011 , 12, 339-47	4	63
213	Prognostic and predictive enrichment in sepsis. <i>Nature Reviews Nephrology</i> , 2020 , 16, 20-31	14.9	63
212	Selectively increasing inducible heat shock protein 70 via TAT-protein transduction protects neurons from nitrosative stress and excitotoxicity. <i>Journal of Neurochemistry</i> , 2005 , 94, 360-6	6	62
211	Theaflavin, a black tea extract, is a novel anti-inflammatory compound. <i>Critical Care Medicine</i> , 2004 , 32, 2097-103	1.4	61
210	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	11.5	61

209	Genetics and genomics in pediatric septic shock. <i>Critical Care Medicine</i> , 2012 , 40, 1618-26	1.4	59
208	Hepatocyte NF-kappaB activation is hepatoprotective during ischemia-reperfusion injury and is augmented by ischemic hypothermia. <i>American Journal of Physiology - Renal Physiology</i> , 2007 , 292, G2015 ⁷¹	5.2	59
207	Doxorubicin-induced cardiotoxicity: direct correlation of cardiac fibroblast and H9c2 cell survival and aconitase activity with heat shock protein 27. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007 , 293, H3111-21	5.2	59
206	Differential regulation of activator protein-1 and heat shock factor-1 in myocardial ischemia and reperfusion injury: role of poly(ADP-ribose) polymerase-1. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2004 , 286, H1408-15	5.2	58
205	Contribution of MKP-1 regulation of p38 to endotoxin tolerance. <i>Shock</i> , 2005 , 23, 80-7	3.4	58
204	Curcumin, a medicinal herbal compound capable of inducing the heat shock response. <i>Critical Care Medicine</i> , 2001 , 29, 2199-204	1.4	57
203	Sesquiterpene lactones are potent inhibitors of interleukin 8 gene expression in cultured human respiratory epithelium. <i>Cytokine</i> , 2000 , 12, 239-45	4	55
202	Clinical review: sepsis and septic shock--the potential of gene arrays. <i>Critical Care</i> , 2012 , 16, 204	10.8	54
201	Mechanisms and regulation of the gene-expression response to sepsis. <i>Pediatrics</i> , 2010 , 125, 1248-58	7.4	54
200	Reduced peroxisome proliferator-activated receptor β expression is associated with decreased survival and increased tissue bacterial load in sepsis. <i>Shock</i> , 2012 , 37, 164-9	3.4	54
199	Toward a clinically feasible gene expression-based subclassification strategy for septic shock: proof of concept. <i>Critical Care Medicine</i> , 2010 , 38, 1955-61	1.4	54
198	Cytokine-induced nitric oxide synthase gene transcription is blocked by the heat shock response in human liver cells. <i>Surgery</i> , 1996 , 120, 144-9	3.6	52
197	Testing the prognostic accuracy of the updated pediatric sepsis biomarker risk model. <i>PLoS ONE</i> , 2014 , 9, e86242	3.7	52
196	Pediatric Sepsis Biomarker Risk Model-II: Redefining the Pediatric Sepsis Biomarker Risk Model With Septic Shock Phenotype. <i>Critical Care Medicine</i> , 2016 , 44, 2010-2017	1.4	52
195	Heat shock inhibits phosphorylation of I-kappaBalpha. <i>Shock</i> , 2000 , 14, 447-50	3.4	51
194	Hypothermia decreases excitatory neurotransmitter release in bacterial meningitis in rabbits. <i>Brain Research</i> , 1999 , 847, 143-8	3.7	51
193	Diverse cardioprotective signaling mechanisms of peroxisome proliferator-activated receptor-gamma ligands, 15-deoxy-Delta12,14-prostaglandin J2 and ciglitazone, in reperfusion injury: role of nuclear factor-kappaB, heat shock factor 1, and Akt. <i>Shock</i> , 2007 , 28, 554-63	3.4	50
192	Heat shock inhibits tnf-induced ICAM-1 expression in human endothelial cells via I kappa kinase inhibition. <i>Shock</i> , 2002 , 17, 91-7	3.4	50

191	Role of heat shock protein 70 in hepatic ischemia-reperfusion injury in mice. <i>American Journal of Physiology - Renal Physiology</i> , 2007 , 292, G1141-9	5.1	47
190	Parthenolide improves systemic hemodynamics and decreases tissue leukosequestration in rats with polymicrobial sepsis. <i>Critical Care Medicine</i> , 2003 , 31, 2263-70	1.4	47
189	Zinc Detection in Serum by Anodic Stripping Voltammetry on Microfabricated Bismuth Electrodes. <i>Electroanalysis</i> , 2013 , 25, 401	3	46
188	Sesquiterpene lactone parthenolide, an inhibitor of I κ B kinase complex and nuclear factor- κ B, exerts beneficial effects in myocardial reperfusion injury. <i>Shock</i> , 2002 , 17, 127-34	3.4	46
187	Prophylactic zinc supplementation reduces bacterial load and improves survival in a murine model of sepsis. <i>Pediatric Critical Care Medicine</i> , 2012 , 13, e323-9	3	45
186	Heat shock protein induction protects human respiratory epithelium against nitric oxide-mediated cytotoxicity. <i>Shock</i> , 1997 , 8, 213-8	3.4	45
185	Acetylsalicylic acid-induced release of HSP70 from mast cells results in cell activation through TLR pathway. <i>Experimental Hematology</i> , 2006 , 34, 8-18	3.1	45
184	Olfactomedin-4 Is a Candidate Marker for a Pathogenic Neutrophil Subset in Septic Shock. <i>Critical Care Medicine</i> , 2017 , 45, e426-e432	1.4	44
183	Corticosteroids are associated with repression of adaptive immunity gene programs in pediatric septic shock. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014 , 189, 940-6	10.2	44
182	Activation of hepatocytes by extracellular heat shock protein 72. <i>American Journal of Physiology - Cell Physiology</i> , 2008 , 295, C514-20	5.4	44
181	Induction of the stress response with prostaglandin A1 increases I- κ B α gene expression. <i>FASEB Journal</i> , 1998 , 12, 1371-8	0.9	44
180	Leukocyte subset-derived genomewide expression profiles in pediatric septic shock. <i>Pediatric Critical Care Medicine</i> , 2010 , 11, 349-55	3	44
179	Post-ICU admission fluid balance and pediatric septic shock outcomes: a risk-stratified analysis. <i>Critical Care Medicine</i> , 2014 , 42, 397-403	1.4	43
178	Lung injury after hemorrhage is age dependent: role of peroxisome proliferator-activated receptor gamma. <i>Critical Care Medicine</i> , 2009 , 37, 1978-87	1.4	43
177	HSP27 regulates p53 transcriptional activity in doxorubicin-treated fibroblasts and cardiac H9c2 cells: p21 upregulation and G2/M phase cell cycle arrest. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2008 , 294, H1736-44	5.2	43
176	Proteasome inhibitors induce heat shock response and increase IL-6 expression in human intestinal epithelial cells. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2002 , 282, R1016-26	3.2	43
175	Novel pharmacologic approaches to the management of sepsis: targeting the host inflammatory response. <i>Recent Patents on Inflammation and Allergy Drug Discovery</i> , 2009 , 3, 96-112	5.4	43
174	Genome-wide expression profiling in pediatric septic shock. <i>Pediatric Research</i> , 2013 , 73, 564-9	3.2	42

173	Identification of candidate serum biomarkers for severe septic shock-associated kidney injury via microarray. <i>Critical Care</i> , 2011 , 15, R273	10.8	42
172	Heat shock inhibits activation of NF-kappaB in the absence of heat shock factor-1. <i>Biochemical and Biophysical Research Communications</i> , 2002 , 291, 453-7	3.4	42
171	Executive summary: surviving sepsis campaign international guidelines for the management of septic shock and sepsis-associated organ dysfunction in children. <i>Intensive Care Medicine</i> , 2020 , 46, 1-9	14.5	41
170	Postnatal Age Is a Critical Determinant of the Neonatal Host Response to Sepsis. <i>Molecular Medicine</i> , 2015 , 21, 496-504	6.2	41
169	Corticosteroids and pediatric septic shock outcomes: a risk stratified analysis. <i>PLoS ONE</i> , 2014 , 9, e112702	9.7	41
168	Trajectory of Mortality and Health-Related Quality of Life Morbidity Following Community-Acquired Pediatric Septic Shock. <i>Critical Care Medicine</i> , 2020 , 48, 329-337	1.4	40
167	Proteasome inhibitors induce inhibitory kappa B (I kappa B) kinase activation, I kappa B alpha degradation, and nuclear factor kappa B activation in HT-29 cells. <i>Molecular Pharmacology</i> , 2004 , 65, 342-9	4.3	40
166	Improved Risk Stratification in Pediatric Septic Shock Using Both Protein and mRNA Biomarkers. PERSEVERE-XP. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017 , 196, 494-501	10.2	39
165	Hyperchloremia Is Associated With Complicated Course and Mortality in Pediatric Patients With Septic Shock. <i>Pediatric Critical Care Medicine</i> , 2018 , 19, 155-160	3	38
164	The green tea polyphenol epigallocatechin-3-gallate improves systemic hemodynamics and survival in rodent models of polymicrobial sepsis. <i>Shock</i> , 2007 , 28, 353-9	3.4	37
163	Pediatric Sepsis - Part I: "Children are not small adults!". <i>The Open Inflammation Journal</i> , 2011 , 4, 4-15	5	37
162	Interleukin 27 as a sepsis diagnostic biomarker in critically ill adults. <i>Shock</i> , 2013 , 40, 382-6	3.4	36
161	Geldanamycin inhibits NF-kappaB activation and interleukin-8 gene expression in cultured human respiratory epithelium. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2001 , 25, 92-7	5.7	36
160	Plasma interleukin-8 is not an effective risk stratification tool for adults with vasopressor-dependent septic shock. <i>Critical Care Medicine</i> , 2010 , 38, 1436-41	1.4	35
159	The temporal version of the pediatric sepsis biomarker risk model. <i>PLoS ONE</i> , 2014 , 9, e92121	3.7	35
158	Pediatric Sepsis - Part V: Extracellular Heat Shock Proteins: Alarmins for the Host Immune System. <i>The Open Inflammation Journal</i> , 2011 , 4, 49-60	5	35
157	Age-related decrease in proteasome expression contributes to defective nuclear factor-kappaB activation during hepatic ischemia/reperfusion. <i>Hepatology</i> , 2009 , 49, 1718-28	11.2	34
156	Admission chemokine (C-C motif) ligand 4 levels predict survival in pediatric septic shock. <i>Pediatric Critical Care Medicine</i> , 2010 , 11, 213-6	3	33

155	Changes in peroxisome proliferator-activated receptor-gamma activity in children with septic shock. <i>Intensive Care Medicine</i> , 2010 , 36, 123-30	14.5	33
154	Hyperoxia synergistically increases TNF-alpha-induced interleukin-8 gene expression in A549 cells. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2000 , 278, L253-60	5.8	33
153	Heat shock-mediated regulation of MKP-1. <i>American Journal of Physiology - Cell Physiology</i> , 2005 , 289, C1152-8	5.4	32
152	Increased expression of heat shock protein-70 protects A549 cells against hyperoxia. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 1998 , 275, L836-41	5.8	32
151	Critical Illness Factors Associated With Long-Term Mortality and Health-Related Quality of Life Morbidity Following Community-Acquired Pediatric Septic Shock. <i>Critical Care Medicine</i> , 2020 , 48, 319-328	16.4	31
150	Plasma angiotensin-2 levels increase in children following cardiopulmonary bypass. <i>Intensive Care Medicine</i> , 2008 , 34, 1851-7	14.5	31
149	Pediatric sepsis: challenges and adjunctive therapies. <i>Critical Care Clinics</i> , 2013 , 29, 203-22	4.5	30
148	A survey of stated physician practices and beliefs on the use of steroids in pediatric fluid and/or vasoactive infusion-dependent shock. <i>Pediatric Critical Care Medicine</i> , 2013 , 14, 462-6	3	29
147	Beyond Survival: Pediatric Critical Care Interventional Trial Outcome Measure Preferences of Families and Healthcare Professionals. <i>Pediatric Critical Care Medicine</i> , 2018 , 19, e105-e111	3	28
146	Interleukin-27: a novel biomarker in predicting bacterial infection among the critically ill. <i>Critical Care</i> , 2015 , 19, 378	10.8	28
145	PP2A regulates upstream members of the c-jun N-terminal kinase mitogen-activated protein kinase signaling pathway. <i>Shock</i> , 2008 , 29, 181-8	3.4	28
144	Plasmapheresis to treat hypertriglyceridemia in a child with diabetic ketoacidosis and pancreatitis. <i>Pediatrics</i> , 2012 , 129, e195-8	7.4	27
143	Risk Stratification and Prognosis in Sepsis: What Have We Learned from Microarrays?. <i>Clinics in Chest Medicine</i> , 2016 , 37, 209-18	5.3	26
142	The pediatric sepsis biomarker risk model: potential implications for sepsis therapy and biology. <i>Expert Review of Anti-Infective Therapy</i> , 2014 , 12, 809-16	5.5	26
141	Induction of the stress response increases interleukin-6 production in the intestinal mucosa of endotoxaemic mice. <i>Clinical Science</i> , 2000 , 99, 489-496	6.5	26
140	A Randomized Controlled Trial of Corticosteroids in Pediatric Septic Shock: A Pilot Feasibility Study. <i>Pediatric Critical Care Medicine</i> , 2017 , 18, 505-512	3	25
139	Endotype Transitions During the Acute Phase of Pediatric Septic Shock Reflect Changing Risk and Treatment Response. <i>Critical Care Medicine</i> , 2018 , 46, e242-e249	1.4	25
138	A Multibiomarker-Based Model for Estimating the Risk of Septic Acute Kidney Injury. <i>Critical Care Medicine</i> , 2015 , 43, 1646-53	1.4	25

137	Heat shock proteins. Facts, thoughts, and dreams. A. De Maio. <i>Shock</i> 11:1-12, 1999. <i>Shock</i> , 1999 , 12, 323-34	5.4	25
136	Sepsis Subclasses: A Framework for Development and Interpretation. <i>Critical Care Medicine</i> , 2021 , 49, 748-759	1.4	25
135	CpG DNA modulates interleukin 1beta-induced interleukin-8 expression in human bronchial epithelial (16HBE14o-) cells. <i>Respiratory Research</i> , 2006 , 7, 84	7.3	24
134	Clinical Utility of Computed Tomography and Magnetic Resonance Imaging for Diagnosis of Posterior Reversible Encephalopathy Syndrome after Stem Cell Transplantation in Children and Adolescents. <i>Biology of Blood and Marrow Transplantation</i> , 2015 , 21, 2028-32	4.7	23
133	Validation of the Sepsis MetaScore for Diagnosis of Neonatal Sepsis. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2018 , 7, 129-135	4.8	23
132	Prospective clinical testing and experimental validation of the Pediatric Sepsis Biomarker Risk Model. <i>Science Translational Medicine</i> , 2019 , 11,	17.5	23
131	A Cohort Study of Pediatric Shock: Frequency of Corticosteroid Use and Association with Clinical Outcomes. <i>Shock</i> , 2015 , 44, 402-9	3.4	23
130	Second Generation Triple-Helical Peptide Inhibitors of Matrix Metalloproteinases. <i>Journal of Medicinal Chemistry</i> , 2017 , 60, 3814-3827	8.3	22
129	Pediatric Sepsis Endotypes Among Adults With Sepsis. <i>Critical Care Medicine</i> , 2017 , 45, e1289-e1291	1.4	22
128	Zinc supplementation leads to immune modulation and improved survival in a juvenile model of murine sepsis. <i>Innate Immunity</i> , 2017 , 23, 67-76	2.7	22
127	Sepsis in the pediatric cardiac intensive care unit. <i>World Journal for Pediatric & Congenital Heart Surgery</i> , 2011 , 2, 393-9	1.1	22
126	Temporal and mechanistic effects of heat shock on LPS-mediated degradation of IkappaBalpha in macrophages. <i>Inflammation</i> , 2002 , 26, 129-37	5.1	22
125	Early Diagnosis of Sepsis: Is an Integrated Omics Approach the Way Forward?. <i>Molecular Diagnosis and Therapy</i> , 2017 , 21, 525-537	4.5	21
124	Emerging infection and sepsis biomarkers: will they change current therapies?. <i>Expert Review of Anti-Infective Therapy</i> , 2016 , 14, 929-41	5.5	21
123	Histological chorioamnionitis shapes the neonatal transcriptomic immune response. <i>Early Human Development</i> , 2016 , 98, 1-6	2.2	21
122	Intracatheter nitroglycerin infusion fails to prevent catheter-related venous thrombosis: a randomized, controlled trial. <i>Intensive Care Medicine</i> , 2001 , 27, 187-92	14.5	21
121	The stress response decreases NF-kappaB activation in liver of endotoxemic mice. <i>Shock</i> , 2002 , 18, 33-7	3.4	21
120	Plasma bactericidal/permeability-increasing protein concentrations in critically ill children with the sepsis syndrome. <i>Pediatric Infectious Disease Journal</i> , 1995 , 14, 1087-91	3.4	21

119	Interactions between the heat shock response and the nuclear factor-kappa B signaling pathway. <i>Critical Care Medicine</i> , 2002 , 30, S89-95	1.4	21
118	Performance of interleukin-27 as a sepsis diagnostic biomarker in critically ill adults. <i>Journal of Critical Care</i> , 2014 , 29, 718-22	4	20
117	Ablation of the heat shock factor-1 increases susceptibility to hyperoxia-mediated cellular injury. <i>Experimental Lung Research</i> , 2002 , 28, 609-22	2.3	20
116	PPAR α contributes to protection against metabolic and inflammatory derangements associated with acute kidney injury in experimental sepsis. <i>Physiological Reports</i> , 2019 , 7, e14078	2.6	19
115	Executive Summary: Surviving Sepsis Campaign International Guidelines for the Management of Septic Shock and Sepsis-Associated Organ Dysfunction in Children. <i>Pediatric Critical Care Medicine</i> , 2020 , 21, 186-195	3	19
114	Multicohort Analysis of Whole-Blood Gene Expression Data Does Not Form a Robust Diagnostic for Acute Respiratory Distress Syndrome. <i>Critical Care Medicine</i> , 2018 , 46, 244-251	1.4	19
113	Differential expression of the nuclear-encoded mitochondrial transcriptome in pediatric septic shock. <i>Critical Care</i> , 2014 , 18, 623	10.8	19
112	Precision medicine in pediatric sepsis. <i>Current Opinion in Pediatrics</i> , 2019 , 31, 322-327	3.2	19
111	Two subphenotypes of septic acute kidney injury are associated with different 90-day mortality and renal recovery. <i>Critical Care</i> , 2020 , 24, 150	10.8	19
110	SOCS1 is a negative regulator of metabolic reprogramming during sepsis. <i>JCI Insight</i> , 2017 , 2,	9.9	18
109	Heat shock inhibition of lipopolysaccharide-mediated tumor necrosis factor expression is associated with nuclear induction of MKP-1 and inhibition of mitogen-activated protein kinase activation. <i>Critical Care Medicine</i> , 2004 , 32, 2284-92	1.4	18
108	Pre-exposure to heat shock inhibits peroxynitrite-induced activation of poly(ADP) ribosyltransferase and protects against peroxynitrite cytotoxicity in J774 macrophages. <i>European Journal of Pharmacology</i> , 1996 , 315, 221-6	5.3	18
107	Nitric oxide decreases surfactant protein A gene expression in H441 cells. <i>Critical Care Medicine</i> , 1998 , 26, 1277-82	1.4	17
106	PERSEVERE Biomarkers Predict Severe Acute Kidney Injury and Renal Recovery in Pediatric Septic Shock. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020 , 201, 848-855	10.2	17
105	Safety and Dose Escalation Study of Intravenous Zinc Supplementation in Pediatric Critical Illness. <i>Journal of Parenteral and Enteral Nutrition</i> , 2016 , 40, 860-8	4.2	16
104	Corticosteroids in Pediatric Shock: A Call to Arms. <i>Pediatric Critical Care Medicine</i> , 2015 , 16, e313-7	3	16
103	The role of endogenously produced extracellular hsp72 in mononuclear cell reprogramming. <i>Shock</i> , 2008 , 30, 285-92	3.4	16
102	Divergence of canonical danger signals: the genome-level expression patterns of human mononuclear cells subjected to heat shock or lipopolysaccharide. <i>BMC Immunology</i> , 2008 , 9, 24	3.7	15

101	Induction of HSP70 is dispensable for anti-inflammatory action of heat shock or NSAIDs in mast cells. <i>Experimental Hematology</i> , 2006 , 34, 414-23	3.1	14
100	Intensivist-led team approach to critical care of children with heart disease. <i>Pediatrics</i> , 2006 , 117, 1854-6; author reply 1856-7	7.4	14
99	Molecular genetics in the pediatric intensive care unit. <i>Critical Care Clinics</i> , 2003 , 19, 577-94	4.5	14
98	Olfactomedin 4 marks a subset of neutrophils in mice. <i>Innate Immunity</i> , 2019 , 25, 22-33	2.7	14
97	Matrix Metalloproteinase-8 Augments Bacterial Clearance in a Juvenile Sepsis Model. <i>Molecular Medicine</i> , 2016 , 22, 455-463	6.2	13
96	A Common Genetic Variant in TLR1 Enhances Human Neutrophil Priming and Impacts Length of Intensive Care Stay in Pediatric Sepsis. <i>Journal of Immunology</i> , 2016 , 196, 1376-86	5.3	13
95	Primary Outcome Measures in Pediatric Septic Shock Trials: A Systematic Review. <i>Pediatric Critical Care Medicine</i> , 2017 , 18, e146-e154	3	12
94	Intestine-Derived Matrix Metalloproteinase-8 Is a Critical Mediator of Polymicrobial Peritonitis. <i>Critical Care Medicine</i> , 2016 , 44, e200-6	1.4	12
93	Mast cell activation is differentially affected by heat shock. <i>Experimental Hematology</i> , 2005 , 33, 944-52	3.1	12
92	Machine Learning Identifies Complicated Sepsis Course and Subsequent Mortality Based on 20 Genes in Peripheral Blood Immune Cells at 24 H Post-ICU Admission. <i>Frontiers in Immunology</i> , 2021 , 12, 592303	8.4	12
91	Simplification of a Septic Shock Endotyping Strategy for Clinical Application. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017 , 195, 263-265	10.2	11
90	Adaptation of a Biomarker-Based Sepsis Mortality Risk Stratification Tool for Pediatric Acute Respiratory Distress Syndrome. <i>Critical Care Medicine</i> , 2018 , 46, e9-e16	1.4	11
89	Prospective Testing and Redesign of a Temporal Biomarker Based Risk Model for Patients With Septic Shock: Implications for Septic Shock Biology. <i>EBioMedicine</i> , 2015 , 2, 2087-93	8.8	11
88	Combined zinc supplementation with proinsulin C-peptide treatment decreases the inflammatory response and mortality in murine polymicrobial sepsis. <i>Shock</i> , 2014 , 41, 292-300	3.4	11
87	Biological activity of truncated C-terminus human heat shock protein 72. <i>Immunology Letters</i> , 2011 , 135, 173-9	4.1	11
86	Phosphatase inhibition leads to activation of IkappaB kinase in murine macrophages. <i>Biochemical and Biophysical Research Communications</i> , 2002 , 297, 1264-9	3.4	11
85	Induction of the stress response increases interleukin-6 production in the intestinal mucosa of endotoxaemic mice. <i>Clinical Science</i> , 2000 , 99, 489	6.5	11
84	Excessive Reversal of Epidermal Growth Factor Receptor and Ephrin Signaling Following Tracheal Occlusion in Rabbit Model of Congenital Diaphragmatic Hernia. <i>Molecular Medicine</i> , 2016 , 22, 398-411	6.2	11

83	Role of matrix metalloproteinase-8 as a mediator of injury in intestinal ischemia and reperfusion. <i>FASEB Journal</i> , 2016 , 30, 3453-3460	0.9	11
82	The glucocorticoid receptor and cortisol levels in pediatric septic shock. <i>Critical Care</i> , 2018 , 22, 244	10.8	11
81	Cardiac Troponin Measurement in the Critically Ill: Potential for Guiding Clinical Management. <i>Journal of Investigative Medicine</i> , 2015 , 63, 905-15	2.9	10
80	Loss of matrix metalloproteinase-8 is associated with worsened recovery after ischemic kidney injury. <i>Renal Failure</i> , 2015 , 37, 469-75	2.9	10
79	The immunomodulatory effects of albumin in vitro and in vivo. <i>Advances in Pharmacological Sciences</i> , 2011 , 2011, 691928	4.9	10
78	Stress response decreases the interleukin-1 β induced production of complement component C3 in human intestinal epithelial cells. <i>Clinical Science</i> , 1999 , 97, 331-337	6.5	10
77	Improved outcome for young children with AIDS, Pneumocystis carinii pneumonia, and acute respiratory failure. <i>Pediatric Pulmonology</i> , 1994 , 18, 114-8	3.5	10
76	Advancing precision medicine for acute respiratory distress syndrome. <i>Lancet Respiratory Medicine</i> , 2021 ,	35.1	10
75	Monitoring Severity of Multiple Organ Dysfunction Syndrome: New Technologies. <i>Pediatric Critical Care Medicine</i> , 2017 , 18, S24-S31	3	9
74	Comparison of Consent Models in a Randomized Trial of Corticosteroids in Pediatric Septic Shock. <i>Pediatric Critical Care Medicine</i> , 2017 , 18, 1009-1018	3	9
73	Antecedent acute kidney injury worsens subsequent endotoxin-induced lung inflammation in a two-hit mouse model. <i>American Journal of Physiology - Renal Physiology</i> , 2011 , 301, F597-604	4.3	9
72	Nuclear PTEN enhances the maturation of a microRNA regulon to limit MyD88-dependent susceptibility to sepsis. <i>Science Signaling</i> , 2018 , 11,	8.8	9
71	Biomarkers for Estimating Risk of Hospital Mortality and Long-Term Quality-of-Life Morbidity After Surviving Pediatric Septic Shock: A Secondary Analysis of the Life After Pediatric Sepsis Evaluation Investigation. <i>Pediatric Critical Care Medicine</i> , 2021 , 22, 8-15	3	9
70	T-cell activation profiles distinguish hemophagocytic lymphohistiocytosis and early sepsis. <i>Blood</i> , 2021 , 137, 2337-2346	2.2	9
69	Sepsis in Pediatric Cardiac Intensive Care. <i>Pediatric Critical Care Medicine</i> , 2016 , 17, S266-71	3	9
68	Glucocorticoid Receptor Polymorphisms and Outcomes in Pediatric Septic Shock. <i>Pediatric Critical Care Medicine</i> , 2017 , 18, 299-303	3	8
67	Comparing the prognostic performance of ASSIST to interleukin-6 and procalcitonin in patients with severe sepsis or septic shock. <i>Biomarkers</i> , 2015 , 20, 132-5	2.6	8
66	Glucocorticoid Receptor Expression in Peripheral WBCs of Critically Ill Children. <i>Pediatric Critical Care Medicine</i> , 2015 , 16, e132-40	3	8

65	Stimulation of cysteinyl leukotriene production in mast cells by heat shock and acetylsalicylic acid. <i>European Journal of Pharmacology</i> , 2007 , 561, 214-9	5.3	8
64	Short-term modulation of interleukin-1beta signaling by hyperoxia: uncoupling of IkappaB kinase activation and NF-kappaB-dependent gene expression. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2004 , 286, L554-62	5.8	8
63	External Corroboration That Corticosteroids May Be Harmful to Septic Shock Endotype A Patients. <i>Critical Care Medicine</i> , 2021 , 49, e98-e101	1.4	8
62	Biomarker Panels in Critical Care. <i>Critical Care Clinics</i> , 2020 , 36, 89-104	4.5	8
61	An International Survey of Corticosteroid Use for the Management of Low Cardiac Output Syndrome. <i>Pediatric Critical Care Medicine</i> , 2017 , 18, 630-637	3	7
60	Juvenile OLFM4-null mice are protected from sepsis. <i>American Journal of Physiology - Renal Physiology</i> , 2020 , 318, F809-F816	4.3	7
59	Therapeutic application of intrapericardial tissue plasminogen activator in a 4-month-old child with complex fibropurulent pericarditis. <i>Pediatric Critical Care Medicine</i> , 2008 , 9, e1-4	3	7
58	ARDS. The future. <i>Critical Care Clinics</i> , 2002 , 18, 177-96	4.5	7
57	Stress response decreases the interleukin-1-induced production of complement component C3 in human intestinal epithelial cells. <i>Clinical Science</i> , 1999 , 97, 331	6.5	7
56	Steroids in fluid and/or vasoactive infusion dependent pediatric shock: study protocol for a randomized controlled trial. <i>Trials</i> , 2016 , 17, 238	2.8	7
55	Evidence of Endotypes in Pediatric Acute Hypoxemic Respiratory Failure Caused by Sepsis. <i>Pediatric Critical Care Medicine</i> , 2019 , 20, 110-112	3	7
54	HDL Cholesterol: A "Pathogen Lipid Sink" for Sepsis?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019 , 199, 812-814	10.2	7
53	Sepsis Biomarkers. <i>Journal of Pediatric Intensive Care</i> , 2019 , 8, 11-16	1	7
52	The relative resistance of children to sepsis mortality: from pathways to drug candidates. <i>Molecular Systems Biology</i> , 2018 , 14, e7998	12.2	7
51	Severe acute kidney injury is independently associated with mortality in children with septic shock. <i>Intensive Care Medicine</i> , 2020 , 46, 1050-1051	14.5	6
50	A neutrophil subset defined by intracellular olfactomedin 4 is associated with mortality in sepsis. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021 , 320, L892-L902	5.8	6
49	An Enrichment Strategy For Sepsis Clinical Trials. <i>Shock</i> , 2016 , 46, 632-634	3.4	6
48	Peripheral blood transcriptomic sub-phenotypes of pediatric acute respiratory distress syndrome. <i>Critical Care</i> , 2020 , 24, 681	10.8	5

47	The olfactomedin-4 positive neutrophil has a role in murine intestinal ischemia/reperfusion injury. <i>FASEB Journal</i> , 2019 , 33, 13660-13668	0.9	5
46	Differential expression of the Nrf2-linked genes in pediatric septic shock. <i>Critical Care</i> , 2015 , 19, 327	10.8	5
45	The United States critical illness and injury trials group: an introduction. <i>Journal of Trauma</i> , 2009 , 67, S159-60		5
44	Translation. <i>Critical Care Medicine</i> , 2005 , 33, S404-6	1.4	5
43	Hyperchloremia is associated with acute kidney injury in pediatric patients with septic shock. <i>Intensive Care Medicine</i> , 2018 , 44, 2004-2005	14.5	5
42	Characterization of the Glucocorticoid Receptor in Children Undergoing Cardiac Surgery. <i>Pediatric Critical Care Medicine</i> , 2018 , 19, 705-712	3	4
41	Critically associating. <i>Critical Care Medicine</i> , 2009 , 37, 1492-3	1.4	4
40	Nuclear factor-kappa B and nitric oxide regulating life and death: nonsense or harsh reality?. <i>Critical Care Medicine</i> , 1998 , 26, 1470-1	1.4	4
39	Pediatric sepsis biomarkers for prognostic and predictive enrichment. <i>Pediatric Research</i> , 2021 ,	3.2	4
38	Estimating the probability of bacterial infection using a novel biomarker among pediatric patients in the emergency department. <i>Biomarkers</i> , 2016 , 21, 404-8	2.6	4
37	Interleukin-27 as a candidate diagnostic biomarker for bacterial infection in immunocompromised pediatric patients. <i>PLoS ONE</i> , 2018 , 13, e0207620	3.7	4
36	Phase 1 safety and pharmacokinetic study on the use of pioglitazone in critically ill patients with sepsis: a randomized clinical trial. <i>Intensive Care Medicine</i> , 2018 , 44, 2006-2008	14.5	4
35	Biomarkers to estimate the probability of complicated appendicitis. <i>Journal of Pediatric Surgery</i> , 2018 , 53, 437-440	2.6	3
34	Leveraging Transcriptomics to Disentangle Sepsis Heterogeneity. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017 , 196, 258-260	10.2	3
33	Genetic approach to pediatric septic shock. <i>Personalized Medicine</i> , 2008 , 5, 249-263	2.2	3
32	Endogenous Cytoprotective Mechanisms. <i>NeuroImmune Biology</i> , 2005 , 49-65		3
31	A Research Agenda for Precision Medicine in Sepsis and Acute Respiratory Distress Syndrome: An Official American Thoracic Society Research Statement. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021 , 204, 891-901	10.2	3
30	Proprotein Convertase Subtilisin/Kexin Type 9 Loss-of-Function Is Detrimental to the Juvenile Host With Septic Shock. <i>Critical Care Medicine</i> , 2020 , 48, 1513-1520	1.4	3

29	Route of Oseltamivir Administration Affects Metabolite Concentrations in Critically Ill Children. <i>Pediatric Infectious Disease Journal</i> , 2019 , 38, 1224-1227	3.4	3
28	IFN- β signature in the plasma proteome distinguishes pediatric hemophagocytic lymphohistiocytosis from sepsis and SIRS. <i>Blood Advances</i> , 2021 , 5, 3457-3467	7.8	3
27	Innovation in Pediatric Cardiac Intensive Care: An Exponential Convergence Toward Transformation of Care. <i>World Journal for Pediatric & Congenital Heart Surgery</i> , 2015 , 6, 588-96	1.1	2
26	Longitudinal characterization of olfactomedin-4 expressing neutrophils in pediatric patients undergoing bone marrow transplantation. <i>PLoS ONE</i> , 2020 , 15, e0233738	3.7	2
25	Pathophysiology of Neonatal Sepsis 2017 , 1536-1552.e10		2
24	Lab-on-a-chip sensor for measuring Zn by stripping voltammetry 2012 ,		2
23	Myocardial Dysfunction Is Independently Associated With Mortality in Pediatric Septic Shock 2020 , 2, e0231		2
22	Recalibration of the Renal Angina Index for Pediatric Septic Shock. <i>Kidney International Reports</i> , 2021 , 6, 1858-1867	4.1	2
21	Olfactomedin 4-Positive Neutrophils Are Upregulated after Hemorrhagic Shock. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2021 , 64, 216-223	5.7	2
20	The Heat Shock Response and Transplantation Immunology 2004 , 525-543		2
19	The Heat Shock Response and Heat Shock Protein 70: Cytoprotection in Acute Lung Injury 2001 , 275-288		2
18	Random serum free cortisol and total cortisol measurements in pediatric septic shock. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2018 , 31, 757-762	1.6	1
17	Machine Learning Identifies Complicated Sepsis Course and Subsequent Mortality Based on 20 Genes in Peripheral Blood Immune Cells at 24 Hours post ICU admission		1
16	Mortality prediction in sepsis via gene expression analysis: a community approach		1
15	Signal Transduction Pathways in Acute Lung Injury: NF- κ B and Ap-1 2001 , 1-16		1
14	Searching for a Pediatric Severe Sepsis Phenotype: We Might Indeed Be There. <i>Pediatric Critical Care Medicine</i> , 2017 , 18, 502-503	3	0
13	Cerebrospinal fluid levels of extracellular heat shock protein 72: A potential biomarker for bacterial meningitis in children. <i>Journal of Pediatric Intensive Care</i> , 2014 , 3, 23-28	1	0
12	A Precision Medicine Approach to Biomarker Utilization in Pediatric Sepsis-Associated Acute Kidney Injury. <i>Frontiers in Pediatrics</i> , 2021 , 9, 632248	3.4	0

- 11 Sepsis genomics and precision medicine **2019**, 83-93 ○
- 10 Matrix metalloproteinases and their inhibitors in pediatric severe acute pancreatitis.. *PLoS ONE*, **2022**, 17, e0261708 3-7 ○
- 9 The extracellular stress response to pediatric cardiopulmonary bypass. *Journal of Pediatric Intensive Care*, **2014**, 3, 9-16 1
- 8 Circulatory Failure/Shock **2012**, 535-551
- 7 Genetic Basis of Acute Lung Injury **2008**, 207-215
- 6 Corticosteroid Therapy for Septic Shock and Pediatric ARDS **2019**, 271-284
- 5 Zinc Supplementation in Murine Sepsis **2015**, 1123-1133
- 4 Endogenous Cytoprotective Mechanisms **2009**, 1-9
- 3 Genomics in Critical Illness **2014**, 203-215
- 2 Zinc Supplementation in Murine Sepsis **2014**, 1-12
- 1 Circulatory Failure/Shock **2021**, 469-491