

Hector R Wong

List of Publications by Year in Descending Order

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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	Matrix metalloproteinases and their inhibitors in pediatric severe acute pancreatitis.. <i>PLoS ONE</i> , 2022 , 17, e0261708	3.7	0
279	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
278	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
277	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
276	T-cell activation profiles distinguish hemophagocytic lymphohistiocytosis and early sepsis. <i>Blood</i> , 2021 , 137, 2337-2346	2.2	9
275	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
274	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
273	Pediatric sepsis biomarkers for prognostic and predictive enrichment. <i>Pediatric Research</i> , 2021 ,	3.2	4
272	Advancing precision medicine for acute respiratory distress syndrome. <i>Lancet Respiratory Medicine</i> , 2021 ,	35.1	10
271	Recalibration of the Renal Angina Index for Pediatric Septic Shock. <i>Kidney International Reports</i> , 2021 , 6, 1858-1867	4.1	2
270	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
269	Sepsis Subclasses: A Framework for Development and Interpretation. <i>Critical Care Medicine</i> , 2021 , 49, 748-759	1.4	25
268	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
267	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
266	Circulatory Failure/Shock 2021 , 469-491		
265	Peripheral blood transcriptomic sub-phenotypes of pediatric acute respiratory distress syndrome. <i>Critical Care</i> , 2020 , 24, 681	10.8	5
264	Longitudinal characterization of olfactomedin-4 expressing neutrophils in pediatric patients undergoing bone marrow transplantation. <i>PLoS ONE</i> , 2020 , 15, e0233738	3.7	2

263	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
262	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
261	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
260	Juvenile OLFM4-null mice are protected from sepsis. <i>American Journal of Physiology - Renal Physiology</i> , 2020 , 318, F809-F816	4.3	7
259	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
258	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	14.4	31
257	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
256	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
255	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
254	Biomarker Panels in Critical Care. <i>Critical Care Clinics</i> , 2020 , 36, 89-104	4.5	8
253	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
252	Myocardial Dysfunction Is Independently Associated With Mortality in Pediatric Septic Shock 2020 , 2, e0231		2
251	Prognostic and predictive enrichment in sepsis. <i>Nature Reviews Nephrology</i> , 2020 , 16, 20-31	14.9	63
250	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
249	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
248	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
247	Prospective clinical testing and experimental validation of the Pediatric Sepsis Biomarker Risk Model. <i>Science Translational Medicine</i> , 2019 , 11,	17.5	23
246	Corticosteroid Therapy for Septic Shock and Pediatric ARDS 2019 , 271-284		

245	Route of Oseltamivir Administration Affects Metabolite Concentrations in Critically Ill Children. <i>Pediatric Infectious Disease Journal</i> , 2019 , 38, 1224-1227	3.4	3
244	Evidence of Endotypes in Pediatric Acute Hypoxemic Respiratory Failure Caused by Sepsis. <i>Pediatric Critical Care Medicine</i> , 2019 , 20, 110-112	3	7
243	Sepsis genomics and precision medicine 2019 , 83-93		0
242	Precision medicine in pediatric sepsis. <i>Current Opinion in Pediatrics</i> , 2019 , 31, 322-327	3.2	19
241	Olfactomedin 4 marks a subset of neutrophils in mice. <i>Innate Immunity</i> , 2019 , 25, 22-33	2.7	14
240	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
239	Sepsis Biomarkers. <i>Journal of Pediatric Intensive Care</i> , 2019 , 8, 11-16	1	7
238	Characterization of the Glucocorticoid Receptor in Children Undergoing Cardiac Surgery. <i>Pediatric Critical Care Medicine</i> , 2018 , 19, 705-712	3	4
237	A community approach to mortality prediction in sepsis via gene expression analysis. <i>Nature Communications</i> , 2018 , 9, 694	17.4	106
236	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
235	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
234	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
233	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
232	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
231	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
230	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
229	Biomarkers to estimate the probability of complicated appendicitis. <i>Journal of Pediatric Surgery</i> , 2018 , 53, 437-440	2.6	3
228	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

227	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
226	Interleukin-27 as a candidate diagnostic biomarker for bacterial infection in immunocompromised pediatric patients. <i>PLoS ONE</i> , 2018 , 13, e0207620	3.7	4
225	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
224	The glucocorticoid receptor and cortisol levels in pediatric septic shock. <i>Critical Care</i> , 2018 , 22, 244	10.8	11
223	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
222	The relative resistance of children to sepsis mortality: from pathways to drug candidates. <i>Molecular Systems Biology</i> , 2018 , 14, e7998	12.2	7
221	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
220	Glucocorticoid Receptor Polymorphisms and Outcomes in Pediatric Septic Shock. <i>Pediatric Critical Care Medicine</i> , 2017 , 18, 299-303	3	8
219	Second Generation Triple-Helical Peptide Inhibitors of Matrix Metalloproteinases. <i>Journal of Medicinal Chemistry</i> , 2017 , 60, 3814-3827	8.3	22
218	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
217	Primary Outcome Measures in Pediatric Septic Shock Trials: A Systematic Review. <i>Pediatric Critical Care Medicine</i> , 2017 , 18, e146-e154	3	12
216	Searching for a Pediatric Severe Sepsis Phenotype: We Might Indeed Be There. <i>Pediatric Critical Care Medicine</i> , 2017 , 18, 502-503	3	0
215	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
214	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
213	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
212	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
211	Monitoring Severity of Multiple Organ Dysfunction Syndrome: New Technologies. <i>Pediatric Critical Care Medicine</i> , 2017 , 18, S24-S31	3	9
210	Pediatric Sepsis Endotypes Among Adults With Sepsis. <i>Critical Care Medicine</i> , 2017 , 45, e1289-e1291	1.4	22

209	SOCS1 is a negative regulator of metabolic reprogramming during sepsis. <i>JCI Insight</i> , 2017 , 2,	9.9	18
208	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
207	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
206	Leveraging Transcriptomics to Disentangle Sepsis Heterogeneity. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017 , 196, 258-260	10.2	3
205	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
204	Pathophysiology of Neonatal Sepsis 2017 , 1536-1552.e10		2
203	Intestine-Derived Matrix Metalloproteinase-8 Is a Critical Mediator of Polymicrobial Peritonitis. <i>Critical Care Medicine</i> , 2016 , 44, e200-6	1.4	12
202	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
201	Robust classification of bacterial and viral infections via integrated host gene expression diagnostics. <i>Science Translational Medicine</i> , 2016 , 8, 346ra91	17.5	180
200	Histological chorioamnionitis shapes the neonatal transcriptomic immune response. <i>Early Human Development</i> , 2016 , 98, 1-6	2.2	21
199	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
198	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
197	Matrix Metalloproteinase-8 Augments Bacterial Clearance in a Juvenile Sepsis Model. <i>Molecular Medicine</i> , 2016 , 22, 455-463	6.2	13
196	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
195	An Enrichment Strategy For Sepsis Clinical Trials. <i>Shock</i> , 2016 , 46, 632-634	3.4	6
194	Sepsis in Pediatric Cardiac Intensive Care. <i>Pediatric Critical Care Medicine</i> , 2016 , 17, S266-71	3	9
193	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
192	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

191	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
190	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
189	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
188	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
187	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
186	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
185	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
184	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
183	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
182	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
181	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
180	Glucocorticoid Receptor Expression in Peripheral WBCs of Critically Ill Children. <i>Pediatric Critical Care Medicine</i> , 2015 , 16, e132-40	3	8
179	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
178	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
177	Corticosteroids in Pediatric Shock: A Call to Arms. <i>Pediatric Critical Care Medicine</i> , 2015 , 16, e313-7	3	16
176	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
175	Postnatal Age Is a Critical Determinant of the Neonatal Host Response to Sepsis. <i>Molecular Medicine</i> , 2015 , 21, 496-504	6.2	41
174	Interleukin-27: a novel biomarker in predicting bacterial infection among the critically ill. <i>Critical Care</i> , 2015 , 19, 378	10.8	28

173	Differential expression of the Nrf2-linked genes in pediatric septic shock. <i>Critical Care</i> , 2015 , 19, 327	10.8	5
172	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
171	Zinc Supplementation in Murine Sepsis 2015 , 1123-1133		
170	The extracellular stress response to pediatric cardiopulmonary bypass. <i>Journal of Pediatric Intensive Care</i> , 2014 , 3, 9-16	1	
169	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
168	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
167	Corticosteroids and pediatric septic shock outcomes: a risk stratified analysis. <i>PLoS ONE</i> , 2014 , 9, e112702	9.7	41
166	Differential expression of the nuclear-encoded mitochondrial transcriptome in pediatric septic shock. <i>Critical Care</i> , 2014 , 18, 623	10.8	19
165	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
164	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
163	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
162	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
161	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
160	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
159	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
158	A multibiomarker-based outcome risk stratification model for adult septic shock*. <i>Critical Care Medicine</i> , 2014 , 42, 781-9	1.4	81
157	Time for a neonatal-specific consensus definition for sepsis. <i>Pediatric Critical Care Medicine</i> , 2014 , 15, 523-8	3	157
156	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

155	Gene expression profiling in sepsis: timing, tissue, and translational considerations. <i>Trends in Molecular Medicine</i> , 2014 , 20, 204-13	11.5	77
154	Testing the prognostic accuracy of the updated pediatric sepsis biomarker risk model. <i>PLoS ONE</i> , 2014 , 9, e86242	3.7	52
153	The temporal version of the pediatric sepsis biomarker risk model. <i>PLoS ONE</i> , 2014 , 9, e92121	3.7	35
152	Genomics in Critical Illness 2014 , 203-215		
151	Zinc Supplementation in Murine Sepsis 2014 , 1-12		
150	Pediatric sepsis: challenges and adjunctive therapies. <i>Critical Care Clinics</i> , 2013 , 29, 203-22	4.5	30
149	Zinc Detection in Serum by Anodic Stripping Voltammetry on Microfabricated Bismuth Electrodes. <i>Electroanalysis</i> , 2013 , 25, 401	3	46
148	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
147	Genome-wide expression profiling in pediatric septic shock. <i>Pediatric Research</i> , 2013 , 73, 564-9	3.2	42
146	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
145	Interleukin 27 as a sepsis diagnostic biomarker in critically ill adults. <i>Shock</i> , 2013 , 40, 382-6	3.4	36
144	Role of biomarkers in sepsis care. <i>Shock</i> , 2013 , 40, 358-65	3.4	91
143	The Congenital Heart Disease Genetic Network Study: rationale, design, and early results. <i>Circulation Research</i> , 2013 , 112, 698-706	15.7	104
142	Clinical review: sepsis and septic shock--the potential of gene arrays. <i>Critical Care</i> , 2012 , 16, 204	10.8	54
141	The pediatric sepsis biomarker risk model. <i>Critical Care</i> , 2012 , 16, R174	10.8	113
140	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
139	Circulatory Failure/Shock 2012 , 535-551		
138	Plasmapheresis to treat hypertriglyceridemia in a child with diabetic ketoacidosis and pancreatitis. <i>Pediatrics</i> , 2012 , 129, e195-8	7.4	27

137	Lab-on-a-chip sensor for measuring Zn by stripping voltammetry 2012 ,		2
136	A novel role for matrix metalloproteinase-8 in sepsis. <i>Critical Care Medicine</i> , 2012 , 40, 379-87	1.4	65
135	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
134	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
133	Genetics and genomics in pediatric septic shock. <i>Critical Care Medicine</i> , 2012 , 40, 1618-26	1.4	59
132	Biomarkers for pediatric sepsis and septic shock. <i>Expert Review of Anti-Infective Therapy</i> , 2011 , 9, 71-9	5.5	115
131	Identification of candidate serum biomarkers for severe septic shock-associated kidney injury via microarray. <i>Critical Care</i> , 2011 , 15, R273	10.8	42
130	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
129	Validation of a gene expression-based subclassification strategy for pediatric septic shock. <i>Critical Care Medicine</i> , 2011 , 39, 2511-7	1.4	89
128	Biomarker discovery and development in pediatric critical care medicine. <i>Pediatric Critical Care Medicine</i> , 2011 , 12, 165-73	3	67
127	An update and review of acute kidney injury in pediatrics. <i>Pediatric Critical Care Medicine</i> , 2011 , 12, 339-47		63
126	Biological activity of truncated C-terminus human heat shock protein 72. <i>Immunology Letters</i> , 2011 , 135, 173-9	4.1	11
125	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
124	Sepsis in the pediatric cardiac intensive care unit. <i>World Journal for Pediatric & Congenital Heart Surgery</i> , 2011 , 2, 393-9	1.1	22
123	The immunomodulatory effects of albumin in vitro and in vivo. <i>Advances in Pharmacological Sciences</i> , 2011 , 2011, 691928	4.9	10
122	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
121	Pediatric Sepsis - Part I: "Children are not small adults!". <i>The Open Inflammation Journal</i> , 2011 , 4, 4-15	5	37
120	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

119	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
118	Mechanisms and regulation of the gene-expression response to sepsis. <i>Pediatrics</i> , 2010 , 125, 1248-58	7.4	54
117	The host response to sepsis and developmental impact. <i>Pediatrics</i> , 2010 , 125, 1031-41	7.4	152
116	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
115	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
114	Pathophysiology and treatment of septic shock in neonates. <i>Clinics in Perinatology</i> , 2010 , 37, 439-79	2.8	135
113	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
112	Leukocyte subset-derived genomewide expression profiles in pediatric septic shock. <i>Pediatric Critical Care Medicine</i> , 2010 , 11, 349-55	3	44
111	The United States critical illness and injury trials group: an introduction. <i>Journal of Trauma</i> , 2009 , 67, S159-60		5
110	Identification of pediatric septic shock subclasses based on genome-wide expression profiling. <i>BMC Medicine</i> , 2009 , 7, 34	11.4	149
109	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
108	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
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