

# CITATION REPORT

List of articles citing

Identification of pediatric septic shock subclasses based on genome-wide expression profiling

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#	Paper	IF	Citations
182	Genomic transcriptional profiling identifies a candidate blood biomarker signature for the diagnosis of septicemic melioidosis. <b>2009</b> , 10, R127		140
181	Farewell to innocence: untangling septic shock in the postgenomic era. <i>Pediatric Critical Care Medicine</i> , <b>2010</b> , 11, 426-7	3	0
180	Toward a clinically feasible gene expression-based subclassification strategy for septic shock: proof of concept. <i>Critical Care Medicine</i> , <b>2010</b> , 38, 1955-61	1.4	54
179	Pathophysiology and treatment of septic shock in neonates. <b>2010</b> , 37, 439-79		135
178	Mechanisms and regulation of the gene-expression response to sepsis. <b>2010</b> , 125, 1248-58		54
177	The host response to sepsis and developmental impact. <b>2010</b> , 125, 1031-41		152
176	Eritoran tetrasodium (E5564) treatment for sepsis: review of preclinical and clinical studies. <b>2011</b> , 7, 479-94		118
175	Biomarkers for pediatric sepsis and septic shock. <b>2011</b> , 9, 71-9		115
174	Identification of candidate serum biomarkers for severe septic shock-associated kidney injury via microarray. <b>2011</b> , 15, R273		42
173	The influence of developmental age on the early transcriptomic response of children with septic shock. <b>2011</b> , 17, 1146-56		165
172	Sepsis. <b>2011</b> , 1413-1429		4
171	Biomarkers for sepsis: PERSEVERE to the bitter end. <i>Pediatric Critical Care Medicine</i> , <b>2011</b> , 12, 225-6	3	1
170	Validation of a gene expression-based subclassification strategy for pediatric septic shock. <i>Critical Care Medicine</i> , <b>2011</b> , 39, 2511-7	1.4	89
169	Biomarker discovery and development in pediatric critical care medicine. <i>Pediatric Critical Care Medicine</i> , <b>2011</b> , 12, 165-73	3	67
168	New concepts in the pathogenesis, diagnosis and treatment of bacteremia and sepsis. <b>2011</b> , 63, 407-19		47
167	The myeloid transcription factor KLF2 regulates the host response to polymicrobial infection and endotoxic shock. <i>Immunity</i> , <b>2011</b> , 34, 715-28	32.3	99
166	Temporal dynamics of the transcriptional response to dengue virus infection in Nicaraguan children. <b>2012</b> , 6, e1966		42

165	New technologies for the rapid diagnosis of neonatal sepsis. <i>Current Opinion in Pediatrics</i> , <b>2012</b> , 24, 165-71	3.1	35
164	A novel role for matrix metalloproteinase-8 in sepsis. <i>Critical Care Medicine</i> , <b>2012</b> , 40, 379-87	1.4	65
163	Prophylactic zinc supplementation reduces bacterial load and improves survival in a murine model of sepsis. <i>Pediatric Critical Care Medicine</i> , <b>2012</b> , 13, e323-9	3	45
162	Reduced peroxisome proliferator-activated receptor $\beta$ expression is associated with decreased survival and increased tissue bacterial load in sepsis. <i>Shock</i> , <b>2012</b> , 37, 164-9	3.4	54
161	Genetics and genomics in pediatric septic shock. <i>Critical Care Medicine</i> , <b>2012</b> , 40, 1618-26	1.4	59
160	Clinical review: sepsis and septic shock--the potential of gene arrays. <b>2012</b> , 16, 204		54
159	The pediatric sepsis biomarker risk model. <b>2012</b> , 16, R174		113
158	Identification of sepsis subtypes in critically ill adults using gene expression profiling. <b>2012</b> , 16, R183		35
157	Interleukin-27 is a novel candidate diagnostic biomarker for bacterial infection in critically ill children. <b>2012</b> , 16, R213		65
156	Pediatric sepsis: challenges and adjunctive therapies. <i>Critical Care Clinics</i> , <b>2013</b> , 29, 203-22	4.5	30
155	Reduced glucocorticoid receptor protein expression in children with critical illness. <b>2013</b> , 79, 169-78		26
154	Lab-on-a-Chip Sensor with Evaporated Bismuth Film Electrode for Anodic Stripping Voltammetry of Zinc. <b>2013</b> , 25, 2586-2594		18
153	Human growth is associated with distinct patterns of gene expression in evolutionarily conserved networks. <b>2013</b> , 14, 547		43
152	Future clinical applications of genomics for acute respiratory distress syndrome. <i>Lancet Respiratory Medicine</i> , <b>2013</b> , 1, 793-803	35.1	7
151	Genome-wide expression profiling in pediatric septic shock. <i>Pediatric Research</i> , <b>2013</b> , 73, 564-9	3.2	42
150	In silico modeling: methods and applications to trauma and sepsis. <i>Critical Care Medicine</i> , <b>2013</b> , 41, 2008-14		49
149	Uncovering hidden duplicated content in public transcriptomics data. <b>2013</b> , 2013, bat010		14
148	Identifying key regulatory genes in the whole blood of septic patients to monitor underlying immune dysfunctions. <i>Shock</i> , <b>2013</b> , 40, 166-74	3.4	59

147	Differential expression of the nuclear-encoded mitochondrial transcriptome in pediatric septic shock. <b>2014</b> , 18, 623		19
146	Corticosteroids are associated with repression of adaptive immunity gene programs in pediatric septic shock. <b>2014</b> , 189, 940-6		44
145	Early adaptive immune suppression in children with septic shock: a prospective observational study. <b>2014</b> , 18, R145		34
144	Post-ICU admission fluid balance and pediatric septic shock outcomes: a risk-stratified analysis. <i>Critical Care Medicine</i> , <b>2014</b> , 42, 397-403	1.4	43
143	A multibiomarker-based outcome risk stratification model for adult septic shock*. <i>Critical Care Medicine</i> , <b>2014</b> , 42, 781-9	1.4	81
142	Identifying critically ill patients who may benefit from adjunctive corticosteroids: not as easy as we thought. <i>Pediatric Critical Care Medicine</i> , <b>2014</b> , 15, 769-71	3	5
141	Biology of sepsis: its relevance to pediatric nephrology. <b>2014</b> , 29, 2273-87		18
140	Gene expression profiling in sepsis: timing, tissue, and translational considerations. <b>2014</b> , 20, 204-13		77
139	Beyond single-nucleotide polymorphisms: genetics, genomics, and other omic approaches to acute respiratory distress syndrome. <b>2014</b> , 35, 673-84		12
138	Genome-wide expression profiles in very low birth weight infants with neonatal sepsis. <b>2014</b> , 133, e1203-11		38
137	Glucocorticoid Receptor Expression in Peripheral WBCs of Critically Ill Children. <i>Pediatric Critical Care Medicine</i> , <b>2015</b> , 16, e132-40	3	8
136	Postnatal Age Is a Critical Determinant of the Neonatal Host Response to Sepsis. <b>2015</b> , 21, 496-504		41
135	Differential expression of the Nrf2-linked genes in pediatric septic shock. <b>2015</b> , 19, 327		5
134	Management of pediatric septic shock. Progress through applied insight. <b>2015</b> , 191, 247-8		0
133	Developing a clinically feasible personalized medicine approach to pediatric septic shock. <b>2015</b> , 191, 309-15		150
132	Increased expression of neutrophil-related genes in patients with early sepsis-induced ARDS. <b>2015</b> , 308, L1102-13		101
131	Innovation in Pediatric Cardiac Intensive Care: An Exponential Convergence Toward Transformation of Care. <b>2015</b> , 6, 588-96		2
130	Nonhematopoietic Peroxisome Proliferator-Activated Receptor- $\gamma$ Protects Against Cardiac Injury and Enhances Survival in Experimental Polymicrobial Sepsis. <i>Critical Care Medicine</i> , <b>2016</b> , 44, e594-603	1.4	14

129	Genetic and epigenetic factors in the regulation of the immune response. <i>Current Opinion in Pediatrics</i> , <b>2016</b> , 28, 281-6	3.2	4
128	Research as a Standard of Care in the PICU. <i>Pediatric Critical Care Medicine</i> , <b>2016</b> , 17, e13-21	3	16
127	Sepsis in Pediatric Cardiac Intensive Care. <i>Pediatric Critical Care Medicine</i> , <b>2016</b> , 17, S266-71	3	9
126	Opening the Debate on the New Sepsis Definition. Precision Medicine: An Opportunity to Improve Outcomes of Patients with Sepsis. <b>2016</b> , 194, 137-9		11
125	Diagnostic Test Accuracy of a 2-Transcript Host RNA Signature for Discriminating Bacterial vs Viral Infection in Febrile Children. <b>2016</b> , 316, 835-45		166
124	Emerging infection and sepsis biomarkers: will they change current therapies?. <b>2016</b> , 14, 929-41		21
123	The Molecular Complexity of Sepsis: Expression of Peroxisome Proliferator-Activated Receptor- $\alpha$ the Tip of the Iceberg?. <i>Critical Care Medicine</i> , <b>2016</b> , 44, 1617-8	1.4	
122	Toward Smarter Lumping and Smarter Splitting: Rethinking Strategies for Sepsis and Acute Respiratory Distress Syndrome Clinical Trial Design. <b>2016</b> , 194, 147-55		162
121	D-Map: Random Walking on Gene Network Inference Maps Towards differential Avenue Discovery. <b>2017</b> , 14, 484-490		3
120	Simplification of a Septic Shock Endotyping Strategy for Clinical Application. <b>2017</b> , 195, 263-265		11
119	Novel translational approaches to the search for precision therapies for acute respiratory distress syndrome. <i>Lancet Respiratory Medicine</i> , <b>2017</b> , 5, 512-523	35.1	43
118	Sepsis Subclasses: Be Careful of What You Wish for. <i>Pediatric Critical Care Medicine</i> , <b>2017</b> , 18, 591-592	3	1
117	Diagnostics for neonatal sepsis: current approaches and future directions. <i>Pediatric Research</i> , <b>2017</b> , 82, 574-583	3.2	55
116	A path to precision in the ICU. <b>2017</b> , 21, 79		41
115	Monitoring Severity of Multiple Organ Dysfunction Syndrome: New Technologies. <i>Pediatric Critical Care Medicine</i> , <b>2017</b> , 18, S24-S31	3	9
114	Shared and Distinct Aspects of the Sepsis Transcriptomic Response to Fecal Peritonitis and Pneumonia. <b>2017</b> , 196, 328-339		95
113	Pediatric Sepsis Endotypes Among Adults With Sepsis. <i>Critical Care Medicine</i> , <b>2017</b> , 45, e1289-e1291	1.4	22
112	Stem Cell-based Therapies for Sepsis. <b>2017</b> , 127, 1017-1034		34

111	Leveraging Transcriptomics to Disentangle Sepsis Heterogeneity. <b>2017</b> , 196, 258-260		3
110	Pathophysiology of Neonatal Sepsis. <b>2017</b> , 1536-1552.e10		2
109	The frontline of immune response in peripheral blood. <i>PLoS ONE</i> , <b>2017</b> , 12, e0182294	3.7	10
108	Transcriptomic meta-analysis reveals up-regulation of gene expression functional in osteoclast differentiation in human septic shock. <i>PLoS ONE</i> , <b>2017</b> , 12, e0171689	3.7	4
107	Early Immune Function and Duration of Organ Dysfunction in Critically Ill Children with Sepsis. <b>2018</b> , 198, 361-369		28
106	Characterization of the Glucocorticoid Receptor in Children Undergoing Cardiac Surgery. <i>Pediatric Critical Care Medicine</i> , <b>2018</b> , 19, 705-712	3	4
105	The Use of Transcriptomics in Clinical Applications. <b>2018</b> , 49-66		
104	Hyperchloremia Is Associated With Complicated Course and Mortality in Pediatric Patients With Septic Shock. <i>Pediatric Critical Care Medicine</i> , <b>2018</b> , 19, 155-160	3	38
103	Multicohort Analysis of Whole-Blood Gene Expression Data Does Not Form a Robust Diagnostic for Acute Respiratory Distress Syndrome. <i>Critical Care Medicine</i> , <b>2018</b> , 46, 244-251	1.4	19
102	Endotype Transitions During the Acute Phase of Pediatric Septic Shock Reflect Changing Risk and Treatment Response. <i>Critical Care Medicine</i> , <b>2018</b> , 46, e242-e249	1.4	25
101	Unsupervised Analysis of Transcriptomics in Bacterial Sepsis Across Multiple Datasets Reveals Three Robust Clusters. <i>Critical Care Medicine</i> , <b>2018</b> , 46, 915-925	1.4	115
100	Identification of subclasses of sepsis that showed different clinical outcomes and responses to amount of fluid resuscitation: a latent profile analysis. <b>2018</b> , 22, 347		32
99	Transcriptomics and machine learning predict diagnosis and severity of growth hormone deficiency. <b>2018</b> , 3,		8
98	Latent class analysis of ARDS subphenotypes: a secondary analysis of the statins for acutely injured lungs from sepsis (SAILS) study. <b>2018</b> , 44, 1859-1869		123
97	The glucocorticoid receptor and cortisol levels in pediatric septic shock. <b>2018</b> , 22, 244		11
96	Sepsis: Personalized Medicine Utilizing OmicSTechnologies-A Paradigm Shift?. <b>2018</b> , 6,		7
95	The host response as a tool for infectious disease diagnosis and management. <i>Expert Review of Molecular Diagnostics</i> , <b>2018</b> , 18, 723-738	3.8	14
94	Review and Meta-Analyses of TAAR1 Expression in the Immune System and Cancers. <b>2018</b> , 9, 683		9

93	Identification of key genes and pathways using bioinformatics analysis in septic shock children. <b>2018</b> , 11, 1163-1174		10
92	Biomarkers of Acute Lung Injury The Individualized Approach: for Phenotyping, Risk Stratification and Treatment Surveillance. <b>2019</b> , 8,		8
91	Data Science for Child Health. <b>2019</b> , 208, 12-22		12
90	PPAR $\alpha$ contributes to protection against metabolic and inflammatory derangements associated with acute kidney injury in experimental sepsis. <b>2019</b> , 7, e14078		19
89	Acute Respiratory Distress Syndrome Phenotypes. <b>2019</b> , 40, 19-30		44
88	Diagnosing and Managing Sepsis by Probing the Host Response to Infection: Advances, Opportunities, and Challenges. <b>2019</b> , 57,		16
87	Heterogeneity in sepsis: new biological evidence with clinical applications. <b>2019</b> , 23, 80		60
86	Heterogeneity in Sepsis: New Biological Evidence with Clinical Applications. <b>2019</b> , 523-535		
85	Glucocorticosteroids for sepsis in children. A protocol for a systematic review. <b>2019</b> , 63, 819-826		
84	Point of care technologies for sepsis diagnosis and treatment. <b>2019</b> , 19, 728-737		27
83	Western diet regulates immune status and the response to LPS-driven sepsis independent of diet-associated microbiome. <b>2019</b> , 116, 3688-3694		38
82	Leukocyte Transcriptional Response in Sepsis. <i>Shock</i> , <b>2019</b> , 52, 166-173	3-4	2
81	Evidence of Endotypes in Pediatric Acute Hypoxemic Respiratory Failure Caused by Sepsis. <i>Pediatric Critical Care Medicine</i> , <b>2019</b> , 20, 110-112	3	7
80	Data analytics for precision medicine. <b>2019</b> , 25-33		
79	Sepsis genomics and precision medicine. <b>2019</b> , 83-93		0
78	Why Understanding Sepsis Endotypes Is Important for Steroid Trials in Septic Shock. <i>Critical Care Medicine</i> , <b>2019</b> , 47, 1782-1784	1-4	10
77	Precision medicine in pediatric sepsis. <i>Current Opinion in Pediatrics</i> , <b>2019</b> , 31, 322-327	3-2	19
76	Paths into Sepsis: Trajectories of Presepsis Healthcare Use. <i>Annals of the American Thoracic Society</i> , <b>2019</b> , 16, 116-123	4-7	9

75	Sepsis Biomarkers. <i>Journal of Pediatric Intensive Care</i> , <b>2019</b> , 8, 11-16	1	7
74	Big data and targeted machine learning in action to assist medical decision in the ICU. <i>Anaesthesia, Critical Care &amp; Pain Medicine</i> , <b>2019</b> , 38, 377-384	3	20
73	Prognostic and predictive enrichment in sepsis. <i>Nature Reviews Nephrology</i> , <b>2020</b> , 16, 20-31	14.9	63
72	Biomarker Panels in Critical Care. <i>Critical Care Clinics</i> , <b>2020</b> , 36, 89-104	4.5	8
71	Mitochondrial Dysfunction is Associated With an Immune Paralysis Phenotype in Pediatric Sepsis. <i>Shock</i> , <b>2020</b> , 54, 285-293	3.4	12
70	Proprotein Convertase Subtilisin/Kexin Type 9 Loss-of-Function Is Detrimental to the Juvenile Host With Septic Shock. <i>Critical Care Medicine</i> , <b>2020</b> , 48, 1513-1520	1.4	3
69	Annexin A3 in sepsis: novel perspectives from an exploration of public transcriptome data. <i>Immunology</i> , <b>2020</b> , 161, 291-302	7.8	9
68	Subphenotypes in critical care: translation into clinical practice. <i>Lancet Respiratory Medicine</i> , <b>2020</b> , 8, 631-643	35.1	40
67	Associations of Plasma Angiopoietins-1 and -2 and Angiopoietin-2/-1 Ratios With Measures of Organ Injury and Clinical Outcomes in Children With Sepsis: A Preliminary Report. <i>Pediatric Critical Care Medicine</i> , <b>2020</b> , 21, e874-e878	3	1
66	2-Chlorofatty acids are biomarkers of sepsis mortality and mediators of barrier dysfunction in rats. <i>Journal of Lipid Research</i> , <b>2020</b> , 61, 1115-1127	6.3	12
65	Sepsis therapies: learning from 30 years of failure of translational research to propose new leads. <i>EMBO Molecular Medicine</i> , <b>2020</b> , 12, e10128	12	54
64	Neurocritical Care: Bench to Bedside (Eds. Claude Hemphill, Michael James) Integrating and Using Big Data in Neurocritical Care. <i>Neurotherapeutics</i> , <b>2020</b> , 17, 593-605	6.4	5
63	A generalizable 29-mRNA neural-network classifier for acute bacterial and viral infections. <i>Nature Communications</i> , <b>2020</b> , 11, 1177	17.4	46
62	Monitoring immunomodulation in patients with sepsis. <i>Expert Review of Molecular Diagnostics</i> , <b>2021</b> , 21, 17-29	3.8	0
61	Diagnostic potential of a gradient boosting-based model for detecting pediatric sepsis. <i>Genomics</i> , <b>2021</b> , 113, 874-883	4.3	0
60	Transcriptomic markers in pediatric septic shock prognosis: an integrative analysis of gene expression profiles. <i>Brazilian Journal of Medical and Biological Research</i> , <b>2021</b> , 54, e10152	2.8	0
59	The Feasibility of Studying Metabolites in PICU Multi-Organ Dysfunction Syndrome Patients over an 8-Day Course Using an Untargeted Approach. <i>Children</i> , <b>2021</b> , 8,	2.8	0
58	Hexosylceramides and glycerophosphatidylcholine GPC(36:1) increase in Multi-Organ Dysfunction Syndrome patients with Pediatric Intensive Care Unit Admission over 8-day hospitalization.		



57	Hexosylceramides and Glycerophosphatidylcholine GPC(36:1) Increase in Multi-Organ Dysfunction Syndrome Patients with Pediatric Intensive Care Unit Admission over 8-Day Hospitalization. <i>Journal of Personalized Medicine</i> , <b>2021</b> , 11,	3.6	0
56	A Precision Medicine Approach to Biomarker Utilization in Pediatric Sepsis-Associated Acute Kidney Injury. <i>Frontiers in Pediatrics</i> , <b>2021</b> , 9, 632248	3.4	0
55	Comparison of machine-learning methodologies for accurate diagnosis of sepsis using microarray gene expression data. <i>PLoS ONE</i> , <b>2021</b> , 16, e0251800	3.7	1
54	Pediatric sepsis biomarkers for prognostic and predictive enrichment. <i>Pediatric Research</i> , <b>2021</b> ,	3.2	4
53	Immune System Disequilibrium-Neutrophils, Their Extracellular Traps, and COVID-19-Induced Sepsis. <i>Frontiers in Medicine</i> , <b>2021</b> , 8, 711397	4.9	2
52	IFN- $\beta$ signature in the plasma proteome distinguishes pediatric hemophagocytic lymphohistiocytosis from sepsis and SIRS. <i>Blood Advances</i> , <b>2021</b> , 5, 3457-3467	7.8	3
51	Immune Function in Critically Ill Septic Children. <i>Pathogens</i> , <b>2021</b> , 10,	4.5	0
50	and for distinguishing between viral and bacterial infections in children with febrile illness. <i>Pediatric Investigation</i> , <b>2021</b> , 5, 195-202	1.3	0
49	Validation of Inflammopathic, Adaptive, and Coagulopathic Sepsis Endotypes in Coronavirus Disease 2019. <i>Critical Care Medicine</i> , <b>2021</b> , 49, e170-e178	1.4	8
48	Molecular Patterns in Acute Pancreatitis Reflect Generalizable Endotypes of the Host Response to Systemic Injury in Humans. <i>Annals of Surgery</i> , <b>2020</b> , 275,	7.8	9
47	Testing the prognostic accuracy of the updated pediatric sepsis biomarker risk model. <i>PLoS ONE</i> , <b>2014</b> , 9, e86242	3.7	52
46	The temporal version of the pediatric sepsis biomarker risk model. <i>PLoS ONE</i> , <b>2014</b> , 9, e92121	3.7	35
45	The leukocyte non-coding RNA landscape in critically ill patients with sepsis. <i>ELife</i> , <b>2020</b> , 9,	8.9	11
44	Genomics in Critical Illness. <b>2014</b> , 203-215		
43	Corticosteroid Therapy for Septic Shock and Pediatric ARDS. <b>2019</b> , 271-284		
42	A six-gene support vector machine classifier contributes to the diagnosis of pediatric septic shock. <i>Molecular Medicine Reports</i> , <b>2020</b> , 21, 1561-1571	2.9	2
41	Precision Medicine in Critical Illness: Sepsis and Acute Respiratory Distress Syndrome. <i>Respiratory Medicine</i> , <b>2020</b> , 267-288	0.2	0
40	Computational and systems biology in trauma and sepsis: current state and future perspectives. <i>International Journal of Burns and Trauma</i> , <b>2012</b> , 2, 1-10	0.4	48

39	Establishment and validation of a logistic regression model for prediction of septic shock severity in children. <i>Hereditas</i> , <b>2021</b> , 158, 45	2.4	0
38	Barriers and Proposed Solutions to a Successful Implementation of Pediatric Sepsis Protocols. <i>Frontiers in Pediatrics</i> , <b>2021</b> , 9, 755484	3.4	0
37	The immunology of sepsis. <i>Immunity</i> , <b>2021</b> , 54, 2450-2464	32.3	19
36	Identification of transcriptomics biomarkers for the early prediction of the prognosis of septic shock from pneumopathies. <i>BMC Infectious Diseases</i> , <b>2021</b> , 21, 1190	4	0
35	Impact of Inherited Genetic Variants on Critically Ill Septic Children.. <i>Pathogens</i> , <b>2022</b> , 11,	4.5	0
34	Year 2021 in review - Intensive care. <i>Anestezilogie A Intenzivni Medicina</i> , <b>2022</b> , 32, 271-279	0	0
33	Precision medicine in sepsis and septic shock: From omics to clinical tools.. <i>World Journal of Critical Care Medicine</i> , <b>2022</b> , 11, 1-21	3	2
32	High-Fat Diet-Induced Fatty Liver Is Associated with Immunosuppressive Response during Sepsis in Mice.. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2021</b> , 2021, 5833857	6.7	0
31	Endothelial Damage in Sepsis: The Importance of Systems Biology.. <i>Frontiers in Pediatrics</i> , <b>2022</b> , 10, 828968	3.8	1
30	Identification of Immune-Related Key Genes as Potential Diagnostic Biomarkers of Sepsis in Children.. <i>Journal of Inflammation Research</i> , <b>2022</b> , 15, 2441-2459	4.8	0
29	Clustering ICU patients with sepsis based on the patterns of their circulating biomarkers: a secondary analysis of the CAPTAIN prospective multicenter cohort study.		
28	Omics of endothelial cell dysfunction in sepsis.. <i>Vascular Biology (Bristol, England)</i> , <b>2022</b> , 4, R15-R34	2.9	1
27	Identification of Clinical Phenotypes in Septic Patients Presenting With Hypotension or Elevated Lactate. <i>Frontiers in Medicine</i> , <b>2022</b> , 9,	4.9	
26	Research in Pediatric Intensive Care. <i>Pediatric Clinics of North America</i> , <b>2022</b> , 69, 607-620	3.6	
25	Redefining critical illness. <i>Nature Medicine</i> , <b>2022</b> , 28, 1141-1148	50.5	5
24	Molecular Framework of Mouse Endothelial Cell Dysfunction during Inflammation: A Proteomics Approach. <b>2022</b> , 23, 8399		0
23	Evaluation and validation of the increased annexin A3 (ANXA3) as a novel biomarker to predict sepsis in critically ill patients.		
22	Machine learning driven identification of gene-expression signatures correlated with multiple organ dysfunction trajectories and complex sub-endotypes of pediatric septic shock.		0

- 21 A Scoping Review of the Transcriptomic Perspective of Sepsis, a Move Towards Improved Precision Medicine?.
- 20 Genomics and Pediatric Sepsis. **2022**, 51,
- 19 Clustering ICU patients with sepsis based on the patterns of their circulating biomarkers: A secondary analysis of the CAPTAIN prospective multicenter cohort study. **2022**, 17, e0267517
- 18 Pediatric Critical Care in the Twenty-first Century and Beyond. **2022**,
- 17 The Gut Microbiome Modulates Body Temperature Both in Sepsis and Health.
- 16 Host Gene Expression to Predict Sepsis Progression\*. **2022**, 50, 1748-1756
- 15 Assessment of Infection Progression per Host Gene Expression\*. **2022**, 50, 1834-1837
- 14 Identification of two robust subclasses of sepsis with both prognostic and therapeutic values based on machine learning analysis. 13,
- 13 Sepsis biomarkers and diagnostic tools with a focus on machine learning. **2022**, 86, 104394
- 12 Identification of novel potential molecular targets associated with pediatric septic shock by integrated bioinformatics analysis and validation of in vitro septic shock model. **2022**, 6, 932-938
- 11 Biological Phenotyping in Sepsis and Acute Respiratory Distress Syndrome. **2023**, 74,
- 10 Understanding clinical and biological heterogeneity to advance precision medicine in paediatric acute respiratory distress syndrome. **2022**,
- 9 Refining empiric subgroups of pediatric sepsis using machine-learning techniques on observational data. 11,
- 8 Precision Diagnostics in Children. 1-31
- 7 Sepsis heterogeneity.
- 6 Sepsis in the Pediatric Cardiac Intensive Care Unit: An Updated Review. **2023**,
- 5 The Classic Critical Care Conundrum Encounters Precision Medicine\*. **2023**, 24, 251-253
- 4 Leveraging transcriptomics for precision diagnosis: Lessons learned from cancer and sepsis. 14,

- 3 Phenotypes. **2023**, 3-18 ○
- 2 Effects of Sepsis on Immune Response, Microbiome and Oxidative Metabolism in Preterm Infants. **2023**, 10, 602 ○
- 1 Leveraging Data Science and Novel Technologies to Develop and Implement Precision Medicine Strategies in Critical Care. **2023**, ○