

Namasivayam Ambalavanan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7531143/publications.pdf>

Version: 2024-02-01

334
papers

18,848
citations

15001

68
h-index

20023

121
g-index

349
all docs

349
docs citations

349
times ranked

16205
citing authors

#	ARTICLE	IF	CITATIONS
1	Neonatal fluid overload—ignorance is no longer bliss. <i>Pediatric Nephrology</i> , 2023, 38, 47-60.	0.9	6
2	Randomized trial of azithromycin to eradicate <i>Ureaplasma</i> respiratory colonization in preterm infants: 2-year outcomes. <i>Pediatric Research</i> , 2022, 91, 178-187.	1.1	8
3	Chorioamnionitis and neonatal outcomes. <i>Pediatric Research</i> , 2022, 91, 289-296.	1.1	46
4	The Future of Outcome Prediction for Preterm Infants in the Neonatal ICU. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 205, 6-8.	2.5	3
5	Safety of sildenafil in extremely premature infants: a phase I trial. <i>Journal of Perinatology</i> , 2022, 42, 31-36.	0.9	7
6	A Quality Improvement Bundle to Improve Outcomes in Extremely Preterm Infants in the First Week. <i>Pediatrics</i> , 2022, 149, .	1.0	6
7	Duration of noninvasive respiratory support and risk for bronchopulmonary dysplasia or death. <i>Journal of Perinatology</i> , 2022, 42, 454-460.	0.9	2
8	Timing of Maternal Discharge after Cesarean Delivery and Risk of Maternal Readmission. <i>American Journal of Perinatology</i> , 2022, 39, 1042-1047.	0.6	2
9	Hydrocortisone to Improve Survival without Bronchopulmonary Dysplasia. <i>New England Journal of Medicine</i> , 2022, 386, 1121-1131.	13.9	62
10	Model for severe intracranial hemorrhage and role of early indomethacin in extreme preterm infants. <i>Pediatric Research</i> , 2022, , .	1.1	4
11	Predictive Ability of 10-Minute Apgar Scores for Mortality and Neurodevelopmental Disability. <i>Pediatrics</i> , 2022, 149, .	1.0	7
12	Treatment for Mild Chronic Hypertension during Pregnancy. <i>New England Journal of Medicine</i> , 2022, 386, 1781-1792.	13.9	215
13	Fish skin gelatin nanofibrous scaffolds spun using alternating field electrospinning and in-vitro tested with tdTomato mice fibroblasts. <i>Materials Today Communications</i> , 2022, 31, 103417.	0.9	3
14	The endothelial glycocalyx in critical illness: A pediatric perspective. <i>Matrix Biology Plus</i> , 2022, 14, 100106.	1.9	9
15	Trends in Maternal Outcomes During the COVID-19 Pandemic in Alabama From 2016 to 2021. <i>JAMA Network Open</i> , 2022, 5, e222681.	2.8	5
16	Mortality, In-Hospital Morbidity, Care Practices, and 2-Year Outcomes for Extremely Preterm Infants in the US, 2013-2018. <i>JAMA - Journal of the American Medical Association</i> , 2022, 327, 248.	3.8	222
17	Pediatric ventilation liberation: evaluating the role of endotracheal secretions in an extubation readiness bundle. <i>Pediatric Research</i> , 2022, , .	1.1	0
18	Potential missed opportunities for antenatal corticosteroid exposure and outcomes among periviable births: Observational cohort study. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2022, 129, 2039-2051.	1.1	4

#	ARTICLE	IF	CITATIONS
19	Acute histologic chorioamnionitis independently and directly increases the risk for brain abnormalities seen on magnetic resonance imaging in very preterm infants. <i>American Journal of Obstetrics and Gynecology</i> , 2022, 227, 623.e1-623.e13.	0.7	16
20	Outcome Prediction in Newborn Infants: Past, Present, and Future. <i>Seminars in Perinatology</i> , 2022, , 151641.	1.1	1
21	Documentation of acute kidney injury at discharge from the neonatal intensive care unit and role of nephrology consultation. <i>Journal of Perinatology</i> , 2022, 42, 930-936.	0.9	3
22	Low hemoglobin levels are independently associated with neonatal acute kidney injury: a report from the AWAKEN Study Group. <i>Pediatric Research</i> , 2021, 89, 922-931.	1.1	4
23	Bronchopulmonary dysplasia is associated with reduced oral nitrate reductase activity in extremely preterm infants. <i>Redox Biology</i> , 2021, 38, 101782.	3.9	5
24	Epidemiology of readmissions in early infancy following nonelective cesarean delivery. <i>Journal of Perinatology</i> , 2021, 41, 24-31.	0.9	0
25	Physiologicallyâ€Based Pharmacokinetic Modeling Characterizes the CYP3Aâ€Mediated Drugâ€Drug Interaction Between Fluconazole and Sildenafil in Infants. <i>Clinical Pharmacology and Therapeutics</i> , 2021, 109, 253-262.	2.3	27
26	Limitations of Conventional Magnetic Resonance Imaging as a Predictor of Death or Disability Following Neonatal Hypoxicâ€Ischemic Encephalopathy in the Late Hypothermia Trial. <i>Journal of Pediatrics</i> , 2021, 230, 106-111.e6.	0.9	12
27	In-hospital mortality and morbidity among extremely preterm infants in relation to maternal body mass index. <i>Journal of Perinatology</i> , 2021, 41, 1014-1024.	0.9	5
28	MicroRNA 219-5p inhibits alveolarization by reducing platelet derived growth factor receptor-alpha. <i>Respiratory Research</i> , 2021, 22, 57.	1.4	10
29	Neurodevelopmental outcome of preterm infants enrolled in myo-inositol randomized controlled trial. <i>Journal of Perinatology</i> , 2021, 41, 2072-2087.	0.9	2
30	Early Skin-to-Skin Care with a Polyethylene Bag for Neonatal Hypothermia: A Randomized Clinical Trial. <i>Journal of Pediatrics</i> , 2021, 231, 55-60.e1.	0.9	6
31	Early Determination of Prognosis in Neonatal Moderate or Severe Hypoxic-Ischemic Encephalopathy. <i>Pediatrics</i> , 2021, 147, .	1.0	9
32	Recent Advances in Bronchopulmonary Dysplasia. <i>Indian Journal of Pediatrics</i> , 2021, 88, 690-695.	0.3	13
33	Association of High Screen-Time Use With School-age Cognitive, Executive Function, and Behavior Outcomes in Extremely Preterm Children. <i>JAMA Pediatrics</i> , 2021, 175, 1025.	3.3	16
34	Noninvasive Oscillometry to Measure Pulmonary Mechanics in Preterm Infants. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 204, 485-488.	2.5	4
35	Chlorine inhalation induces acute chest syndrome in humanized sickle cell mouse model and ameliorated by postexposure hemopexin. <i>Redox Biology</i> , 2021, 44, 102009.	3.9	5
36	Toll-like receptors: shapers of the pulmonary microbiome?. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021, 321, L553-L554.	1.3	1

#	ARTICLE	IF	CITATIONS
37	Biomarkers for Adverse Lung Injury Following Pediatric Cardiopulmonary Bypass. , 2021, 3, e0528.		6
38	Should Vitamin A Injections to Prevent Bronchopulmonary Dysplasia or Death Be Reserved for High-Risk Infants? Reanalysis of the National Institute of Child Health and Human Development Neonatal Research Network Randomized Trial. Journal of Pediatrics, 2021, 236, 78-85.e5.	0.9	16
39	Rapid Automated Annotation and Analysis of N-Glycan Mass Spectrometry Imaging Data Sets Using NGlycDB in METASPACE. Analytical Chemistry, 2021, 93, 13421-13425.	3.2	8
40	Advances in Neonatal Acute Kidney Injury. Pediatrics, 2021, 148, .	1.0	57
41	Necrotizing enterocolitis and the gut-lung axis. Seminars in Perinatology, 2021, 45, 151454.	1.1	11
42	Growth Rates of Infants Randomized to Continuous Positive Airway Pressure or Intubation After Extremely Preterm Birth. Journal of Pediatrics, 2021, 237, 148-153.e3.	0.9	3
43	Outcomes of infants with hypoxic ischemic encephalopathy and persistent pulmonary hypertension of the newborn: results from three NICHD studies. Journal of Perinatology, 2021, 41, 502-511.	0.9	6
44	Association Between Increased Seizures During Rewarming After Hypothermia for Neonatal Hypoxic Ischemic Encephalopathy and Abnormal Neurodevelopmental Outcomes at 2-Year Follow-up. JAMA Neurology, 2021, 78, 1484.	4.5	15
45	Maternal antibiotics augment hyperoxia-induced lung injury in neonatal mice. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2020, 318, L405-L406.	1.3	2
46	Effects of hyperoxia on alveolar and pulmonary vascular development in germ-free mice. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2020, 318, L421-L428.	1.3	29
47	The Airway Microbiome and Bronchopulmonary Dysplasia. , 2020, , 151-162.		0
48	Acute Kidney Injury and Bronchopulmonary Dysplasia in Premature Neonates Born Less than 32 Weeks' Gestation. American Journal of Perinatology, 2020, 37, 341-348.	0.6	44
49	Human Fetal Lungs Harbor a Microbiome Signature. American Journal of Respiratory and Critical Care Medicine, 2020, 201, 1002-1006.	2.5	53
50	Racial/Ethnic Disparities Among Extremely Preterm Infants in the United States From 2002 to 2016. JAMA Network Open, 2020, 3, e206757.	2.8	56
51	Skin preparation type and post-cesarean infection with use of adjunctive azithromycin prophylaxis. Journal of Maternal-Fetal and Neonatal Medicine, 2020, , 1-5.	0.7	0
52	Halogen exposure injury in the developing lung. Annals of the New York Academy of Sciences, 2020, 1480, 30-43.	1.8	6
53	Serial assessment of fat and fat-free mass accretion in very preterm infants: a randomized trial. Pediatric Research, 2020, 88, 733-738.	1.1	5
54	Recent advances in understanding the ecology of the lung microbiota and deciphering the gut-lung axis. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2020, 319, L710-L716.	1.3	28

#	ARTICLE	IF	CITATIONS
55	Airway nitrite is increased in extremely preterm infants with bronchopulmonary dysplasia. <i>Respiratory Research</i> , 2020, 21, 244.	1.4	0
56	Cerebral Oxygenation and Autoregulation in Preterm Infants (Early NIRS Study). <i>Journal of Pediatrics</i> , 2020, 227, 94-100.e1.	0.9	45
57	Association of Antenatal Corticosteroids and Magnesium Sulfate Therapy With Neurodevelopmental Outcome in Extremely Preterm Children. <i>Obstetrics and Gynecology</i> , 2020, 135, 1377-1386.	1.2	16
58	Higher- or Usual-Volume Feedings in Infants Born Very Preterm: A Randomized Clinical Trial. <i>Journal of Pediatrics</i> , 2020, 224, 66-71.e1.	0.9	21
59	Prematurity and race account for much of the interstate variation in infant mortality rates in the United States. <i>Journal of Perinatology</i> , 2020, 40, 767-773.	0.9	4
60	miRs “ Mere hype or master regulators in the therapy of BPD?. , 2020, , 193-205.		0
61	Epigenetics of Bronchopulmonary Dysplasia. , 2020, , 61-69.		0
62	Home Oxygen Use and 1-Year Readmission among Infants Born Preterm with Bronchopulmonary Dysplasia Discharged from Children's Hospital Neonatal Intensive Care Units. <i>Journal of Pediatrics</i> , 2020, 220, 40-48.e5.	0.9	25
63	Reply to de Steenhuijsen Piters and Bogaert: Bacterial DNA in Fetal Lung Samples May Be Explained by Sample Contamination. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 201, 1311-1312.	2.5	5
64	Non-invasive forced oscillometry to quantify respiratory mechanics in term neonates. <i>Pediatric Research</i> , 2020, 88, 293-299.	1.1	12
65	Behavior Profiles at 2 Years for Children Born Extremely Preterm with Bronchopulmonary Dysplasia. <i>Journal of Pediatrics</i> , 2020, 219, 152-159.e5.	0.9	12
66	Azithromycin Treatment vs Placebo in Children With Respiratory Syncytial Virus-Induced Respiratory Failure. <i>JAMA Network Open</i> , 2020, 3, e203482.	2.8	12
67	Randomised trial of azithromycin to eradicate <i>Ureaplasma</i> in preterm infants. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2020, 105, 615-622.	1.4	45
68	Increased Excitability and Heightened Magnitude of Long-Term Potentiation at Hippocampal CA3-CA1 Synapses in a Mouse Model of Neonatal Hyperoxia Exposure. <i>Frontiers in Synaptic Neuroscience</i> , 2020, 12, 609903.	1.3	3
69	Predictive Modeling for Perinatal Mortality in Resource-Limited Settings. <i>JAMA Network Open</i> , 2020, 3, e2026750.	2.8	33
70	Oxygen saturation histograms predict nasal continuous positive airway pressure-weaning success in preterm infants. <i>Pediatric Research</i> , 2020, 88, 637-641.	1.1	6
71	Hyperoxia Injury in the Developing Lung Is Mediated by Mesenchymal Expression of Wnt5A. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 201, 1249-1262.	2.5	52
72	Oxygen Therapy and Pulmonary Hypertension in Preterm Infants. <i>Clinics in Perinatology</i> , 2019, 46, 611-619.	0.8	6

#	ARTICLE	IF	CITATIONS
73	Oxygen Toxicity in the Neonate. Clinics in Perinatology, 2019, 46, 435-447.	0.8	14
74	Population pharmacokinetics of sildenafil in extremely premature infants. British Journal of Clinical Pharmacology, 2019, 85, 2824-2837.	1.1	18
75	Mitochondrial DNA variation modulates alveolar development in newborn mice exposed to hyperoxia. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2019, 317, L740-L747.	1.3	15
76	Integrating multiomics longitudinal data to reconstruct networks underlying lung development. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2019, 317, L556-L568.	1.3	19
77	Developmental Outcomes of Extremely Preterm Infants with a Need for Child Protective Services Supervision. Journal of Pediatrics, 2019, 215, 41-49.e4.	0.9	7
78	Toward the elimination of bias in Pediatric Research. Pediatric Research, 2019, 86, 680-681.	1.1	0
79	Early Life Supraphysiological Levels of Oxygen Exposure Permanently Impairs Hippocampal Mitochondrial Function. Scientific Reports, 2019, 9, 13364.	1.6	13
80	Incidence and Risk Factors of Early Onset Neonatal AKI. Clinical Journal of the American Society of Nephrology: CJASN, 2019, 14, 184-195.	2.2	101
81	Response to a different view concerning the <scp>NICHD</scp> neonatal research network late hypothermia trial. Acta Paediatrica, International Journal of Paediatrics, 2019, 108, 772-773.	0.7	5
82	Late onset neonatal acute kidney injury: results from the AWAKEN Study. Pediatric Research, 2019, 85, 339-348.	1.1	52
83	Association between Policy Changes for Oxygen Saturation Alarm Settings and Neonatal Morbidity and Mortality in Infants Born Very Preterm. Journal of Pediatrics, 2019, 209, 17-22.e2.	0.9	12
84	Impact of Azithromycin-Based Extended-Spectrum Antibiotic Prophylaxis on Noninfectious Cesarean Wound Complications. American Journal of Perinatology, 2019, 36, 886-890.	0.6	4
85	Pre-Vent: the prematurity-related ventilatory control study. Pediatric Research, 2019, 85, 769-776.	1.1	33
86	CFTR dysfunction increases endoglin and TGF- β signaling in airway epithelia. Physiological Reports, 2019, 7, e13977.	0.7	6
87	Role of Microbiome in Lung Injury. , 2019, , 97-113.		0
88	Genetic Basis of Necrotizing Enterocolitis. , 2019, , 127-135.		0
89	The "Omics" of the New Bronchopulmonary Dysplasia. , 2019, , 87-95.		0
90	The impact of fluid balance on outcomes in critically ill near-term/term neonates: a report from the AWAKEN study group. Pediatric Research, 2019, 85, 79-85.	1.1	46

#	ARTICLE	IF	CITATIONS
91	Spatial distribution of marker gene activity in the mouse lung during alveolarization. <i>Data in Brief</i> , 2019, 22, 365-372.	0.5	6
92	Optimizing the AKI definition during first postnatal week using Assessment of Worldwide Acute Kidney Injury Epidemiology in Neonates (AWAKEN) cohort. <i>Pediatric Research</i> , 2019, 85, 329-338.	1.1	48
93	Weaning of Moderately Preterm Infants from the Incubator to the Crib: A Randomized Clinical Trial. <i>Journal of Pediatrics</i> , 2019, 204, 96-102.e4.	0.9	16
94	Behavioral Deficits at 18-22 Months of Age Are Associated with Early Cerebellar Injury and Cognitive and Language Performance in Children Born Extremely Preterm. <i>Journal of Pediatrics</i> , 2019, 204, 148-156.e4.	0.9	17
95	Airway Microbiome and Development of Bronchopulmonary Dysplasia in Preterm Infants: A Systematic Review. <i>Journal of Pediatrics</i> , 2019, 204, 126-133.e2.	0.9	81
96	Antecedents and Outcomes of Abnormal Cranial Imaging in Moderately Preterm Infants. <i>Journal of Pediatrics</i> , 2018, 195, 66-72.e3.	0.9	12
97	Kangaroo mother care for the prevention of neonatal hypothermia: a randomised controlled trial in term neonates. <i>Archives of Disease in Childhood</i> , 2018, 103, 492-497.	1.0	14
98	Effect of Therapeutic Hypothermia Initiated After 6 Hours of Age on Death or Disability Among Newborns With Hypoxic-Ischemic Encephalopathy: A Randomized Clinical Trial. <i>Obstetrical and Gynecological Survey</i> , 2018, 73, 141-143.	0.2	0
99	Neurodevelopmental Impairment Among Extremely Preterm Infants in the Neonatal Research Network. <i>Pediatrics</i> , 2018, 141, e20173091.	1.0	167
100	Outcome of Preterm Infants with Transient Cystic Periventricular Leukomalacia on Serial Cranial Imaging Up to Term Equivalent Age. <i>Journal of Pediatrics</i> , 2018, 195, 59-65.e3.	0.9	20
101	A Shared Pattern of β -Catenin Activation in Bronchopulmonary Dysplasia and Idiopathic Pulmonary Fibrosis. <i>American Journal of Pathology</i> , 2018, 188, 853-862.	1.9	29
102	Dose-Response Effects of Early Vitamin D Supplementation on Neurodevelopmental and Respiratory Outcomes of Extremely Preterm Infants at 2 Years of Age: A Randomized Trial. <i>Neonatology</i> , 2018, 113, 256-262.	0.9	17
103	Reply to Shah et al.: Mitochondrial Dysfunction in Bronchopulmonary Dysplasia. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 197, 1363-1364.	2.5	0
104	Mortality and pulmonary outcomes of extremely preterm infants exposed to antenatal corticosteroids. <i>American Journal of Obstetrics and Gynecology</i> , 2018, 218, 130.e1-130.e13.	0.7	72
105	Delivery Room Resuscitation and Short-Term Outcomes in Moderately Preterm Infants. <i>Journal of Pediatrics</i> , 2018, 195, 33-38.e2.	0.9	35
106	Environmental or Nasal Cannula Supplemental Oxygen for Preterm Infants: A Randomized Cross-Over Trial. <i>Journal of Pediatrics</i> , 2018, 200, 98-103.	0.9	9
107	Surgical necrotizing enterocolitis in extremely premature neonates is associated with genetic variations in an intergenic region of chromosome 8. <i>Pediatric Research</i> , 2018, 83, 943-953.	1.1	17
108	The Impact of Maternal Antibiotics on Neonatal Disease. <i>Journal of Pediatrics</i> , 2018, 197, 97-103.e3.	0.9	19

#	ARTICLE	IF	CITATIONS
127	Survival and Neurodevelopmental Outcomes among Periviable Infants. <i>New England Journal of Medicine</i> , 2017, 376, 617-628.	13.9	391
128	Vascular Endothelial Mitochondrial Function Predicts Death or Pulmonary Outcomes in Preterm Infants. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 196, 1040-1049.	2.5	46
129	Vitamin A and retinoic acid combination attenuates neonatal hyperoxia-induced neurobehavioral impairment in adult mice. <i>Neurobiology of Learning and Memory</i> , 2017, 141, 209-216.	1.0	11
130	Biomarkers associated with bronchopulmonary dysplasia/mortality in premature infants. <i>Pediatric Research</i> , 2017, 81, 519-525.	1.1	11
131	A functional ATG16L1 (T300A) variant is associated with necrotizing enterocolitis in premature infants. <i>Pediatric Research</i> , 2017, 81, 582-588.	1.1	36
132	Markers of Successful Extubation in Extremely Preterm Infants, and Morbidity After Failed Extubation. <i>Journal of Pediatrics</i> , 2017, 189, 113-119.e2.	0.9	109
133	Adjunctive Azithromycin Prophylaxis for Cesarean Delivery. <i>Obstetrical and Gynecological Survey</i> , 2017, 72, 71-73.	0.2	1
134	Mechanisms and Treatment of Halogen Inhalation-Induced Pulmonary and Systemic Injuries in Pregnant Mice. <i>Hypertension</i> , 2017, 70, 390-400.	1.3	23
135	Patterns of Oxygenation, Mortality, and Growth Status in the Surfactant Positive Pressure and Oxygen Trial Cohort. <i>Journal of Pediatrics</i> , 2017, 186, 49-56.e1.	0.9	51
136	Feasibility of Mid-Frequency Ventilation Among Infants With Respiratory Distress Syndrome. <i>Respiratory Care</i> , 2017, 62, 481-488.	0.8	2
137	Cellular and humoral biomarkers of Bronchopulmonary Dysplasia. <i>Early Human Development</i> , 2017, 105, 35-39.	0.8	23
138	Hyperoxia causes miR-34a-mediated injury via angiotensin-1 in neonatal lungs. <i>Nature Communications</i> , 2017, 8, 1173.	5.8	100
139	Incidence and outcomes of neonatal acute kidney injury (AWAKEN): a multicentre, multinational, observational cohort study. <i>The Lancet Child and Adolescent Health</i> , 2017, 1, 184-194.	2.7	453
140	Effect of Therapeutic Hypothermia Initiated After 6 Hours of Age on Death or Disability Among Newborns With Hypoxic-Ischemic Encephalopathy. <i>JAMA - Journal of the American Medical Association</i> , 2017, 318, 1550.	3.8	212
141	Short versus Extended Duration of Trophic Feeding to Reduce Time to Achieve Full Enteral Feeding in Extremely Preterm Infants: An Observational Study. <i>Neonatology</i> , 2017, 112, 211-216.	0.9	25
142	Adjunctive Azithromycin Prophylaxis for Cesarean Delivery. <i>Obstetric Anesthesia Digest</i> , 2017, 37, 59-60.	0.0	0
143	LungMAP: The Molecular Atlas of Lung Development Program. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017, 313, L733-L740.	1.3	162
144	Outcomes of Preterm Infants following Discussions about Withdrawal or Withholding of Life Support. <i>Journal of Pediatrics</i> , 2017, 190, 118-123.e4.	0.9	22

#	ARTICLE	IF	CITATIONS
145	Effect of Depth and Duration of Cooling on Death or Disability at Age 18 Months Among Neonates With Hypoxic-Ischemic Encephalopathy. <i>JAMA - Journal of the American Medical Association</i> , 2017, 318, 57.	3.8	184
146	Effect of Prenatal versus Postnatal Vitamin D Deficiency on Pulmonary Structure and Function in Mice. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2017, 56, 383-392.	1.4	37
147	Ureaplasma infection-mediated release of matrix metalloproteinase-9 and PGP: a novel mechanism of preterm rupture of membranes and chorioamnionitis. <i>Pediatric Research</i> , 2017, 81, 75-79.	1.1	21
148	Blood Gases. , 2017, , 80-96.e3.		5
149	Milrinone in congenital diaphragmatic hernia – a randomized pilot trial: study protocol, review of literature and survey of current practices. <i>Maternal Health, Neonatology and Perinatology</i> , 2017, 3, 27.	1.0	61
150	An Algorithm for Risk Stratification of Preterm Infants. , 2017, , .		1
151	Medical and Surgical Interventions for Respiratory Distress and Airway Management. , 2017, , 391-406.e2.		0
152	Selecting the most appropriate time points to profile in high-throughput studies. <i>ELife</i> , 2017, 6, .	2.8	27
153	Structure, function and five basic needs of the global health research system. <i>Journal of Global Health</i> , 2016, 6, 010508.	1.2	48
154	TLR4 regulates pulmonary vascular homeostasis and remodeling via redox signaling. <i>Frontiers in Bioscience - Landmark</i> , 2016, 21, 397-409.	3.0	18
155	Assessment of Worldwide Acute Kidney Injury Epidemiology in Neonates: Design of a Retrospective Cohort Study. <i>Frontiers in Pediatrics</i> , 2016, 4, 68.	0.9	101
156	Advantages of Bayesian monitoring methods in deciding whether and when to stop a clinical trial: an example of a neonatal cooling trial. <i>Trials</i> , 2016, 17, 335.	0.7	15
157	Association of Chorioamnionitis with Aberrant Neonatal Gut Colonization and Adverse Clinical Outcomes. <i>PLoS ONE</i> , 2016, 11, e0162734.	1.1	35
158	Spatially-Resolved Proteomics: Rapid Quantitative Analysis of Laser Capture Microdissected Alveolar Tissue Samples. <i>Scientific Reports</i> , 2016, 6, 39223.	1.6	69
159	Searching for better animal models of BPD: a perspective. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016, 311, L924-L927.	1.3	50
160	Management of hypoxemic respiratory failure and pulmonary hypertension in preterm infants. <i>Journal of Perinatology</i> , 2016, 36, S20-S27.	0.9	11
161	Blood Cytokine Profiles Associated with Distinct Patterns of Bronchopulmonary Dysplasia among Extremely Low Birth Weight Infants. <i>Journal of Pediatrics</i> , 2016, 174, 45-51.e5.	0.9	60
162	Challenges, priorities and novel therapies for hypoxemic respiratory failure and pulmonary hypertension in the neonate. <i>Journal of Perinatology</i> , 2016, 36, S32-S36.	0.9	18

#	ARTICLE	IF	CITATIONS
163	Pathogenetics of alveolar capillary dysplasia with misalignment of pulmonary veins. Human Genetics, 2016, 135, 569-586.	1.8	85
164	A Comparison of 3 Vitamin D Dosing Regimens in Extremely Preterm Infants: A Randomized Controlled Trial. Journal of Pediatrics, 2016, 174, 132-138.e1.	0.9	71
165	Regulation of alveolar septation by microRNA-489. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 310, L476-L487.	1.3	63
166	Impact of Optimized Breastfeeding on the Costs of Necrotizing Enterocolitis in Extremely Low Birthweight Infants. Journal of Pediatrics, 2016, 175, 100-105.e2.	0.9	55
167	Adjunctive Azithromycin Prophylaxis for Cesarean Delivery. New England Journal of Medicine, 2016, 375, 1231-1241.	13.9	192
168	Acute Kidney Injury Urine Biomarkers in Very Low-Birth-Weight Infants. Clinical Journal of the American Society of Nephrology: CJASN, 2016, 11, 1527-1535.	2.2	75
169	The Airway Microbiome at Birth. Scientific Reports, 2016, 6, 31023.	1.6	139
170	Growth Outcomes of Preterm Infants Exposed to Different Oxygen Saturation Target Ranges from Birth. Journal of Pediatrics, 2016, 176, 62-68.e4.	0.9	11
171	Acute changes in fluid status affect the incidence, associative clinical outcomes, and urine biomarker performance in premature infants with acute kidney injury. Pediatric Nephrology, 2016, 31, 843-851.	0.9	21
172	Endothelial Cell Bioenergetics and Mitochondrial DNA Damage Differ in Humans Having African or West Eurasian Maternal Ancestry. Circulation: Cardiovascular Genetics, 2016, 9, 26-36.	5.1	29
173	Pulmonary Hypertension in Bronchopulmonary Dysplasia. Respiratory Medicine, 2016, , 259-279.	0.1	17
174	Gestational age and birthweight for risk assessment of neurodevelopmental impairment or death in extremely preterm infants. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2016, 101, F494-F501.	1.4	32
175	Hyperoxia Induces Intracellular Acidification in Neonatal Mouse Lung Fibroblasts: Real-Time Investigation Using Plasmonically Enhanced Raman Spectroscopy. Journal of the American Chemical Society, 2016, 138, 3779-3788.	6.6	32
176	A Nitric Oxide-Releasing Self-Assembled Peptide Amphiphile Nanomatrix for Improving the Biocompatibility of Microporous Hollow Fibers. ASAIO Journal, 2015, 61, 589-595.	0.9	10
177	High-Magnitude and/or High-Frequency Mechanical Strain Promotes Peripapillary Scleral Myofibroblast Differentiation. , 2015, 56, 7821.		27
178	Matrix Metalloproteinase-9 Mediates RSV Infection in Vitro and in Vivo. Viruses, 2015, 7, 4230-4253.	1.5	23
179	Center Variation in Intestinal Microbiota Prior to Late-Onset Sepsis in Preterm Infants. PLoS ONE, 2015, 10, e0130604.	1.1	61
180	Array comparative genomic hybridisation testing in CHD. Cardiology in the Young, 2015, 25, 1155-1172.	0.4	7

#	ARTICLE	IF	CITATIONS
181	PaCO ₂ in Surfactant, Positive Pressure, and Oxygenation Randomised Trial (SUPPORT). Archives of Disease in Childhood: Fetal and Neonatal Edition, 2015, 100, F145-F149.	1.4	52
182	A randomised trial of re-feeding gastric residuals in preterm infants. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2015, 100, F224-F228.	1.4	20
183	Causes and Timing of Death in Extremely Premature Infants from 2000 through 2011. New England Journal of Medicine, 2015, 372, 331-340.	13.9	547
184	Impact of gestational age, sex, and postnatal age on urine biomarkers in premature neonates. Pediatric Nephrology, 2015, 30, 2037-2044.	0.9	45
185	Developmental Outcomes of Extremely Preterm Infants Born to Adolescent Mothers. Pediatrics, 2015, 135, 1082-1092.	1.0	18
186	Integrated Genomic Analyses in Bronchopulmonary Dysplasia. Journal of Pediatrics, 2015, 166, 531-537.e13.	0.9	93
187	Acute kidney injury is associated with bronchopulmonary dysplasia/mortality in premature infants. Pediatric Nephrology, 2015, 30, 1511-1518.	0.9	47
188	Disseminated <i>Ureaplasma</i> infection as a cause of fatal hyperammonemia in humans. Science Translational Medicine, 2015, 7, 284re3.	5.8	132
189	Genetic polymorphisms of heme-oxygenase 1 (HO-1) may impact on acute kidney injury, bronchopulmonary dysplasia, and mortality in premature infants. Pediatric Research, 2015, 77, 793-798.	1.1	23
190	Noninvasive Imaging of Experimental Lung Fibrosis. American Journal of Respiratory Cell and Molecular Biology, 2015, 53, 8-13.	1.4	31
191	Early Exposure to Hyperoxia or Hypoxia Adversely Impacts Cardiopulmonary Development. American Journal of Respiratory Cell and Molecular Biology, 2015, 52, 594-602.	1.4	45
192	Serum eotaxin-1 is increased in extremely-low-birth-weight infants with bronchopulmonary dysplasia or death. Pediatric Research, 2015, 78, 498-504.	1.1	17
193	Genes and environment in neonatal intraventricular hemorrhage. Seminars in Perinatology, 2015, 39, 592-603.	1.1	39
194	Genetic predisposition to bronchopulmonary dysplasia. Seminars in Perinatology, 2015, 39, 584-591.	1.1	43
195	Biomarkers, Early Diagnosis, and Clinical Predictors of Bronchopulmonary Dysplasia. Clinics in Perinatology, 2015, 42, 739-754.	0.8	73
196	Acute Kidney Injury in Neonates. NeoReviews, 2015, 16, e586-e592.	0.4	3
197	Respiratory syncytial virus infection increases chlorine-induced airway hyperresponsiveness. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2015, 309, L205-L210.	1.3	17
198	Seasonal Variation in Solar Ultra Violet Radiation and Early Mortality in Extremely Preterm Infants. American Journal of Perinatology, 2015, 32, 1273-1276.	0.6	4

#	ARTICLE	IF	CITATIONS
199	Alterations in Gene Expression and DNA Methylation during Murine and Human Lung Alveolar Septation. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2015, 53, 60-73.	1.4	49
200	Pharmacokinetics, Microbial Response, and Pulmonary Outcomes of Multidose Intravenous Azithromycin in Preterm Infants at Risk for Ureaplasma Respiratory Colonization. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 570-578.	1.4	31
201	Pulmonary matrix metalloproteinase-9 activity in mechanically ventilated children with respiratory syncytial virus. <i>European Respiratory Journal</i> , 2014, 43, 1086-1096.	3.1	22
202	The Value of Paco 2 in Relation to Outcome in Congenital Diaphragmatic Hernia. <i>American Journal of Perinatology</i> , 2014, 31, 939-946.	0.6	16
203	Outcomes of extremely low birthweight infants with acidosis at birth. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2014, 99, F263-F268.	1.4	25
204	Effect of Depth and Duration of Cooling on Deaths in the NICU Among Neonates With Hypoxic Ischemic Encephalopathy. <i>JAMA - Journal of the American Medical Association</i> , 2014, 312, 2629.	3.8	222
205	Intestinal microbiota of preterm infants differ over time and between hospitals. <i>Microbiome</i> , 2014, 2, 36.	4.9	58
206	Inflammatory signals that regulate intestinal epithelial renewal, differentiation, migration and cell death: Implications for necrotizing enterocolitis. <i>Pathophysiology</i> , 2014, 21, 67-80.	1.0	58
207	Prophylactic Indomethacin and Intestinal Perforation in Extremely Low Birth Weight Infants. <i>Pediatrics</i> , 2014, 134, e1369-e1377.	1.0	31
208	Mortality and Morbidity of VLBW Infants With Trisomy 13 or Trisomy 18. <i>Pediatrics</i> , 2014, 133, 226-235.	1.0	48
209	Pulmonary hypertension in bronchopulmonary dysplasia. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2014, 100, 240-246.	1.6	61
210	Outcomes of extremely preterm infants following severe intracranial hemorrhage. <i>Journal of Perinatology</i> , 2014, 34, 203-208.	0.9	46
211	Wiping versus suction to clear neonatal airways at birth – Authors' reply. <i>Lancet, The</i> , 2014, 383, 695-696.	6.3	0
212	Histone deacetylase inhibition promotes fibroblast apoptosis and ameliorates pulmonary fibrosis in mice. <i>European Respiratory Journal</i> , 2014, 43, 1448-1458.	3.1	120
213	Inhaled PGE1 in neonates with hypoxemic respiratory failure: two pilot feasibility randomized clinical trials. <i>Trials</i> , 2014, 15, 486.	0.7	21
214	Fluid overload and mortality are associated with acute kidney injury in sick near-term/term neonate. <i>Pediatric Nephrology</i> , 2013, 28, 661-666.	0.9	122
215	Systems biology of lung development and regeneration: current knowledge and recommendations for future research. <i>Wiley Interdisciplinary Reviews: Systems Biology and Medicine</i> , 2013, 5, 125-133.	6.6	12
216	Oronasopharyngeal suction versus wiping of the mouth and nose at birth: a randomised equivalency trial. <i>Lancet, The</i> , 2013, 382, 326-330.	6.3	53

#	ARTICLE	IF	CITATIONS
217	Feeding Practices and Necrotizing Enterocolitis. Clinics in Perinatology, 2013, 40, 1-10.	0.8	74
218	Neurodevelopmental impairment following neonatal hyperoxia in the mouse. Neurobiology of Disease, 2013, 50, 69-75.	2.1	55
219	Nano-TiO ₂ particles impair adhesion of airway epithelial cells to fibronectin. Respiratory Physiology and Neurobiology, 2013, 185, 454-460.	0.7	7
220	Histological Characteristics of the Fetal Inflammatory Response Associated with Neurodevelopmental Impairment and Death in Extremely Preterm Infants. Journal of Pediatrics, 2013, 163, 652-657.e2.	0.9	86
221	<i>In Utero</i> Exposure to Second-Hand Smoke Aggravates the Response to Ovalbumin in Adult Mice. American Journal of Respiratory Cell and Molecular Biology, 2013, 49, 1102-1109.	1.4	22
222	VARA attenuates hyperoxia-induced impaired alveolar development and lung function in newborn mice. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2013, 304, L803-L812.	1.3	47
223	Titanium oxide nanoparticle instillation induces inflammation and inhibits lung development in mice. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2013, 304, L152-L161.	1.3	39
224	Individual and Center-Level Factors Affecting Mortality Among Extremely Low Birth Weight Infants. Pediatrics, 2013, 132, e175-e184.	1.0	63
225	Randomized Trial of Plastic Bags to Prevent Term Neonatal Hypothermia in a Resource-Poor Setting. Pediatrics, 2013, 132, e656-e661.	1.0	47
226	Extremely Low Birth Weight and Infant Mortality Rates in the United States. Pediatrics, 2013, 131, 855-860.	1.0	126
227	Characteristics of extremely low-birth-weight infant survivors with unimpaired outcomes at 30 months of age. Journal of Perinatology, 2013, 33, 800-805.	0.9	19
228	Impact of early surfactant and inhaled nitric oxide therapies on outcomes in term/late preterm neonates with moderate hypoxic respiratory failure. Journal of Perinatology, 2013, 33, 944-949.	0.9	40
229	Reconstructing dynamic microRNA-regulated interaction networks. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 15686-15691.	3.3	59
230	Myofibroblast Differentiation and Enhanced Tgf-B Signaling in Cystic Fibrosis Lung Disease. PLoS ONE, 2013, 8, e70196.	1.1	74
231	Transforming growth factor- β 2 regulates endothelin-1 signaling in the newborn mouse lung during hypoxia exposure. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2012, 302, L857-L865.	1.3	27
232	Cytokines and Posthemorrhagic Ventricular Dilation in Premature Infants. American Journal of Perinatology, 2012, 29, 731-740.	0.6	10
233	Thy-1 Signals through PPAR γ 3 to Promote Lipofibroblast Differentiation in the Developing Lung. American Journal of Respiratory Cell and Molecular Biology, 2012, 46, 765-772.	1.4	56
234	<i>In Utero</i> Exposure to Second-Hand Smoke Aggravates Adult Responses to Irritants. American Journal of Respiratory Cell and Molecular Biology, 2012, 47, 843-851.	1.4	21

#	ARTICLE	IF	CITATIONS
235	Approach to Infants Born at 22 to 24 Weeksâ€™ Gestation: Relationship to Outcomes of More-Mature Infants. <i>Pediatrics</i> , 2012, 129, e1508-e1516.	1.0	79
236	Altered DNA Methylation Profile in Idiopathic Pulmonary Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012, 186, 525-535.	2.5	200
237	Outcome Trajectories in Extremely Preterm Infants. <i>Pediatrics</i> , 2012, 130, e115-e125.	1.0	79
238	Temporary fetal tracheal occlusion using a gel plug in a rabbit model of congenital diaphragmatic hernia. <i>Journal of Pediatric Surgery</i> , 2012, 47, 1063-1066.	0.8	10
239	Prospective Analysis of Pulmonary Hypertension in Extremely Low Birth Weight Infants. <i>Pediatrics</i> , 2012, 129, e682-e689.	1.0	309
240	In vitro studies on the effect of particle size on macrophage responses to nanodiamond wear debris. <i>Acta Biomaterialia</i> , 2012, 8, 1939-1947.	4.1	88
241	Urine Biomarkers Predict Acute Kidney Injury in Newborns. <i>Journal of Pediatrics</i> , 2012, 161, 270-275.e1.	0.9	106
242	ABO Blood Group Is Associated with Response to Inhaled Nitric Oxide in Neonates with Respiratory Failure. <i>PLoS ONE</i> , 2012, 7, e45164.	1.1	6
243	TGF-Î²2 Suppresses Macrophage Cytokine Production and Mucosal Inflammatory Responses in the Developing Intestine. <i>Gastroenterology</i> , 2011, 140, 242-253.	0.6	186
244	Baseline Values of Candidate Urine Acute Kidney Injury Biomarkers Vary by Gestational Age in Premature Infants. <i>Pediatric Research</i> , 2011, 70, 302-306.	1.1	110
245	Acute Kidney Injury Reduces Survival in Very Low Birth Weight Infants. <i>Pediatric Research</i> , 2011, 69, 354-358.	1.1	272
246	Peptide-Directed Highly Selective Targeting of Pulmonary Arterial Hypertension. <i>American Journal of Pathology</i> , 2011, 178, 2489-2495.	1.9	50
247	Acute kidney injury and renal replacement therapy independently predict mortality in neonatal and pediatric noncardiac patients on extracorporeal membrane oxygenation. <i>Pediatric Critical Care Medicine</i> , 2011, 12, e1-e6.	0.2	147
248	Cytokines and Neurodevelopmental Outcomes in Extremely Low Birth Weight Infants. <i>Journal of Pediatrics</i> , 2011, 159, 919-925.e3.	0.9	83
249	Urine Biomarkers Predict Acute Kidney Injury and Mortality in Very Low Birth Weight Infants. <i>Journal of Pediatrics</i> , 2011, 159, 907-912.e1.	0.9	100
250	Prediction of Bronchopulmonary Dysplasia by Postnatal Age in Extremely Premature Infants. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011, 183, 1715-1722.	2.5	363
251	Accuracy of a Novel System for Oxygen Delivery to Small Children. <i>Pediatrics</i> , 2011, 128, e382-e387.	1.0	8
252	Intercenter Differences in Bronchopulmonary Dysplasia or Death Among Very Low Birth Weight Infants. <i>Pediatrics</i> , 2011, 127, e106-e116.	1.0	78

#	ARTICLE	IF	CITATIONS
253	Identification of Extremely Premature Infants at High Risk of Rehospitalization. <i>Pediatrics</i> , 2011, 128, e1216-e1225.	1.0	60
254	Hypoxia-induced inhibition of lung development is attenuated by the peroxisome proliferator-activated receptor- β agonist rosiglitazone. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2011, 301, L125-L134.	1.3	50
255	Hypoxia induces downregulation of PPAR- β in isolated pulmonary arterial smooth muscle cells and in rat lung via transforming growth factor- β signaling. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2011, 301, L899-L907.	1.3	57
256	Ventilation Strategies. , 2011, , 265-276.		2
257	Outcome of Term Infants Using Apgar Scores at 10 Minutes Following Hypoxic-Ischemic Encephalopathy. <i>Obstetrical and Gynecological Survey</i> , 2010, 65, 217-218.	0.2	0
258	Prophylactic Phenobarbital and Whole-Body Cooling for Neonatal Hypoxic-Ischemic Encephalopathy. <i>Journal of Pediatrics</i> , 2010, 157, 334-336.	0.9	35
259	Predicting Time to Hospital Discharge for Extremely Preterm Infants. <i>Pediatrics</i> , 2010, 125, e146-e154.	1.0	82
260	Impact of Timing of Birth and Resident Duty-Hour Restrictions on Outcomes for Small Preterm Infants. <i>Pediatrics</i> , 2010, 126, 222-231.	1.0	55
261	Vitamin A and Retinoic Acid Act Synergistically to Increase Lung Retinyl Esters During Normoxia and Reduce Hyperoxic Lung Injury in Newborn Mice. <i>Pediatric Research</i> , 2010, 67, 591-597.	1.1	44
262	Target Ranges of Oxygen Saturation in Extremely Preterm Infants. <i>New England Journal of Medicine</i> , 2010, 362, 1959-1969.	13.9	853
263	Early CPAP versus Surfactant in Extremely Preterm Infants. <i>New England Journal of Medicine</i> , 2010, 362, 1970-1979.	13.9	1,022
264	Nitric Oxide Administration Using an Oxygen Hood: A Pilot Trial. <i>PLoS ONE</i> , 2009, 4, e4312.	1.1	8
265	Cytokines Associated With Bronchopulmonary Dysplasia or Death in Extremely Low Birth Weight Infants. <i>Pediatrics</i> , 2009, 123, 1132-1141.	1.0	242
266	Evaluation of a Pumpless Lung Assist Device in Hypoxia-Induced Pulmonary Hypertension in Juvenile Piglets. <i>Pediatric Research</i> , 2009, 66, 677-681.	1.1	5
267	A Pumpless Lung Assist Device Reduces Mechanical Ventilation-Induced Lung Injury in Juvenile Piglets. <i>Pediatric Research</i> , 2009, 66, 671-676.	1.1	2
268	Hyperoxia-induced neonatal rat lung injury involves activation of TGF- β 2 and Wnt signaling and is protected by rosiglitazone. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2009, 296, L1031-L1041.	1.3	124
269	Loss of Thy-1 inhibits alveolar development in the newborn mouse lung. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2009, 296, L738-L750.	1.3	63
270	Outcome of Term Infants Using Apgar Scores at 10 Minutes Following Hypoxic-Ischemic Encephalopathy. <i>Pediatrics</i> , 2009, 124, 1619-1626.	1.0	144

#	ARTICLE	IF	CITATIONS
271	Paco2 and Neurodevelopment in Extremely Low Birth Weight Infants. <i>Journal of Pediatrics</i> , 2009, 155, 217-221.e1.	0.9	55
272	Acute kidney injury in critically ill newborns: What do we know? What do we need to learn?. <i>Pediatric Nephrology</i> , 2009, 24, 265-274.	0.9	278
273	Acute kidney injury is independently associated with mortality in very low birthweight infants: a matched caseâ€“control analysis. <i>Pediatric Nephrology</i> , 2009, 24, 991-997.	0.9	155
274	Permissive hypercapnia to decrease lung injury in ventilated preterm neonates. <i>Seminars in Fetal and Neonatal Medicine</i> , 2009, 14, 21-27.	1.1	66
275	Prolonged Duration of Initial Empirical Antibiotic Treatment Is Associated With Increased Rates of Necrotizing Enterocolitis and Death for Extremely Low Birth Weight Infants. <i>Pediatrics</i> , 2009, 123, 58-66.	1.0	796
276	SNO-hemoglobin is not essential for red blood cellâ€“dependent hypoxic vasodilation. <i>Nature Medicine</i> , 2008, 14, 773-777.	15.2	145
277	Mortality and Morbidity by Month of Birth of Neonates Admitted to an Academic Neonatal Intensive Care Unit. <i>Pediatrics</i> , 2008, 122, e1048-e1052.	1.0	9
278	Transforming growth factor-Î² signaling mediates hypoxia-induced pulmonary arterial remodeling and inhibition of alveolar development in newborn mouse lung. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2008, 295, L86-L95.	1.3	90
279	Developmental Regulation of NO-Mediated VEGF-Induced Effects in the Lung. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2008, 39, 420-430.	1.4	70
280	Predictors of death or bronchopulmonary dysplasia in preterm infants with respiratory failure. <i>Journal of Perinatology</i> , 2008, 28, 420-426.	0.9	103
281	Neonatal mortality among low birth weight infants during the initial months of the academic year. <i>Journal of Perinatology</i> , 2008, 28, 691-695.	0.9	10
282	Role of Matrix Metalloproteinase-2 in Newborn Mouse Lungs under Hypoxic Conditions. <i>Pediatric Research</i> , 2008, 63, 26-32.	1.1	44
283	Como evitar o Ã³bito precoce em prematuros?. <i>Jornal De Pediatria</i> , 2008, 84, 283-285.	0.9	3
284	How can we prevent early death in preterm infants?. <i>Jornal De Pediatria</i> , 2008, 84, 283-5.	0.9	5
285	Retinoic Acid Combined with Vitamin A Synergizes to Increase Retinyl Ester Storage in the Lungs of Newborn and Dexamethasone-Treated Neonatal Rats. <i>Neonatology</i> , 2007, 92, 26-32.	0.9	22
286	Endothelin-1 Mediates Hypoxia-Induced Increases in Vascular Collagen in the Newborn Mouse Lung. <i>Pediatric Research</i> , 2007, 61, 559-564.	1.1	19
287	Both Extremes of Arterial Carbon Dioxide Pressure and the Magnitude of Fluctuations in Arterial Carbon Dioxide Pressure Are Associated With Severe Intraventricular Hemorrhage in Preterm Infants. <i>Pediatrics</i> , 2007, 119, 299-305.	1.0	218
288	Both Extremes of Arterial Carbon Dioxide Pressure and the Magnitude of Fluctuations in Arterial Carbon Dioxide Pressure Are Associated With Severe Intraventricular Hemorrhage in Preterm Infants: In Reply. <i>Pediatrics</i> , 2007, 119, 1039-1040.	1.0	5

#	ARTICLE	IF	CITATIONS
289	Clinical Data Predict Neurodevelopmental Outcome Better than Head Ultrasound in Extremely Low Birth Weight Infants. <i>Journal of Pediatrics</i> , 2007, 151, 500-505.e2.	0.9	73
290	Atrial natriuretic peptide-dependent modulation of hypoxia-induced pulmonary vascular remodeling. <i>Life Sciences</i> , 2006, 79, 1357-1365.	2.0	38
291	Early prediction of poor outcome in extremely low birth weight infants by classification tree analysis. <i>Journal of Pediatrics</i> , 2006, 148, 438-444.e1.	0.9	58
292	Endothelin-A Receptor Blockade Inhibits the Effects of Hypoxia on the Newborn Lung Vasculature. <i>Scientific World Journal, The</i> , 2006, 6, 669-670.	0.8	1
293	Reply to "Zero-filled values enhanced the performance of CRP vs RBP:TTR index in ELBW infants" by Dr Rosales. <i>Journal of Perinatology</i> , 2006, 26, 320-320.	0.9	0
294	Ventilatory Strategies in the Prevention and Management of Bronchopulmonary Dysplasia. <i>Seminars in Perinatology</i> , 2006, 30, 192-199.	1.1	71
295	Dominant negative mutation of the TGF- β 2 receptor blocks hypoxia-induced pulmonary vascular remodeling. <i>Journal of Applied Physiology</i> , 2006, 100, 564-571.	1.2	90
296	Vitamin A combined with retinoic acid increases retinol uptake and lung retinyl ester formation in a synergistic manner in neonatal rats. <i>Journal of Lipid Research</i> , 2006, 47, 1844-1851.	2.0	42
297	Predicting Outcomes of Neonates Diagnosed With Hypoxemic-Ischemic Encephalopathy. <i>Pediatrics</i> , 2006, 118, 2084-2093.	1.0	116
298	Retinol-Binding Protein, Transthyretin, and C-Reactive Protein in Extremely Low Birth Weight (ELBW) Infants. <i>Journal of Perinatology</i> , 2005, 25, 714-719.	0.9	24
299	Prediction of Death for Extremely Low Birth Weight Neonates. <i>Pediatrics</i> , 2005, 116, 1367-1373.	1.0	70
300	Endothelin-A Receptor Blockade Prevents and Partially Reverses Neonatal Hypoxic Pulmonary Vascular Remodeling. <i>Pediatric Research</i> , 2005, 57, 631-636.	1.1	68
301	Vitamin A Supplementation for Extremely Low Birth Weight Infants: Outcome at 18 to 22 Months. <i>Pediatrics</i> , 2005, 115, e249-e254.	1.0	127
302	Inadequacy of IV vitamin A supplementation of extremely preterm infants?. <i>Journal of Pediatrics</i> , 2005, 146, 846-847.	0.9	6
303	Bronchopulmonary dysplasia: new insights. <i>Clinics in Perinatology</i> , 2004, 31, 613-628.	0.8	53
304	Survey of vitamin a supplementation for extremely-low-birth-weight infants: is clinical practice consistent with the evidence?. <i>Journal of Pediatrics</i> , 2004, 145, 304-307.	0.9	63
305	Gastric Residuals in Prediction of Necrotizing Enterocolitis in Very Low Birth Weight Infants. <i>Pediatrics</i> , 2004, 113, 1848-1849.	1.0	15
306	Gastric Residuals and Their Relationship to Necrotizing Enterocolitis in Very Low Birth Weight Infants. <i>Pediatrics</i> , 2004, 113, 50-53.	1.0	130

#	ARTICLE	IF	CITATIONS
307	Bias in Reported Neurodevelopmental Outcomes Among Extremely Low Birth Weight Survivors. Pediatrics, 2004, 114, 404-410.	1.0	83
308	Permissive hypercapnia during mechanical ventilation of neonates. Indian Pediatrics, 2004, 41, 775-8.	0.2	1
309	The mismatch between evidence and practice. Clinics in Perinatology, 2003, 30, 305-331.	0.8	18
310	A comparison of three vitamin a dosing regimens in extremely-low-birth-weight infants. Journal of Pediatrics, 2003, 142, 656-661.	0.9	74
311	Peptide Growth Factors in Tracheal Aspirates of Mechanically Ventilated Preterm Neonates. Pediatric Research, 2003, 53, 240-244.	1.1	52
312	VENTILATORY STRATEGIES. , 2003, , 249-259.		2
313	Peptide Growth Factors in Tracheal Aspirates of Mechanically Ventilated Preterm Neonates. Pediatric Research, 2003, 53, 240-244.	1.1	4
314	Feasibility of Nitric Oxide Administration by Oxygen Hood in Neonatal Pulmonary Hypertension. Journal of Perinatology, 2002, 22, 50-56.	0.9	9
315	Endothelin-A Receptor Blockade in Porcine Pulmonary Hypertension. Pediatric Research, 2002, 52, 913-921.	1.1	19
316	HYPOCAPNIA AND HYPERCAPNIA IN RESPIRATORY MANAGEMENT OF NEWBORN INFANTS. Clinics in Perinatology, 2001, 28, 517-531.	0.8	74
317	Hemodynamic Effects of Levromakalim in Neonatal Porcine Pulmonary Hypertension. Neonatology, 2001, 80, 74-80.	0.9	2
318	Chronic Exposure to Cigarette Smoke Extract Impairs Endothelium-Dependent Relaxation of Chicken Embryo Pulmonary Arteries. Neonatology, 2001, 80, 247-250.	0.9	11
319	Effect of Cigarette Smoke Extract on Neonatal Porcine Vascular Smooth Muscle Cells. Toxicology and Applied Pharmacology, 2001, 170, 130-136.	1.3	29
320	Comparison of the prediction of extremely low birth weight neonatal mortality by regression analysis and by neural networks. Early Human Development, 2001, 65, 123-137.	0.8	38
321	Prediction of Neurologic Morbidity in Extremely Low Birth Weight Infants. Journal of Perinatology, 2000, 20, 496-503.	0.9	51
322	Role of Nitric Oxide in Regulating Neonatal Porcine Pulmonary Artery Smooth Muscle Cell Proliferation. Neonatology, 1999, 76, 291-300.	0.9	38
323	Analgesia for ventilated neonates: Where do we stand?. Journal of Pediatrics, 1999, 135, 403-405.	0.9	19
324	Randomized trial of "slow" versus "fast" feed advancements on the incidence of necrotizing enterocolitis in very low birth weight infants. Journal of Pediatrics, 1999, 134, 293-297.	0.9	165

#	ARTICLE	IF	CITATIONS
325	Hypoxia-Induced Release of Peptide Growth Factors from Neonatal Porcine Pulmonary Artery Smooth Muscle Cells. Neonatology, 1999, 76, 311-319.	0.9	23
326	Conventional Mechanical Ventilation: Traditional and New Strategies. Pediatrics in Review, 1999, 20, e117-e126.	0.2	13
327	Conventional Mechanical Ventilation:Traditional and New Strategies. Pediatrics in Review, 1999, 20, e117-e126.	0.2	2
328	Regulation of neonatal pulmonary artery smooth muscle cell proliferation by nitric oxide â€ 1451. Pediatric Research, 1997, 41, 244-244.	1.1	0
329	Randomized Trial of â€Slowâ€•Versus â€Fastâ€•Feeding Advancement in Very Low Birth Weight Infants. â€ 1015. Pediatric Research, 1997, 41, 172-172.	1.1	1
330	Classification of Mechanical Ventilation Devices. , 1994, , 74-80.		1
331	Basic Principles of Mechanical Ventilation. , 1988, , 61-73.		0
332	Ventilator Parameters. , 1988, , 81-85.		1
333	Endothelin-A Receptor Blockade in Porcine Pulmonary Hypertension. , 0, .		2
334	Prevention of severe brain injury in very preterm neonates: A quality improvement initiative. Journal of Perinatology, 0, , .	0.9	0