

Satyan Lakshminrusimha

List of Publications by Citations

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244
papers

5,080
citations

39
h-index

61
g-index

278
ext. papers

6,518
ext. citations

3.6
avg, IF

6.26
L-index

#	Paper	IF	Citations
244	Multi-System Inflammatory Syndrome in Children (MIS-C) Following SARS-CoV-2 Infection: Review of Clinical Presentation, Hypothetical Pathogenesis, and Proposed Management. <i>Children</i> , 2020 , 7,	2.8	166
243	Superoxide dismutase improves oxygenation and reduces oxidation in neonatal pulmonary hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2006 , 174, 1370-7	10.2	128
242	Hyperoxia increases phosphodiesterase 5 expression and activity in ovine fetal pulmonary artery smooth muscle cells. <i>Circulation Research</i> , 2008 , 102, 226-33	15.7	124
241	Adverse neonatal outcomes associated with early-term birth. <i>JAMA Pediatrics</i> , 2013 , 167, 1053-9	8.3	123
240	Pharmacologic strategies in neonatal pulmonary hypertension other than nitric oxide. <i>Seminars in Perinatology</i> , 2016 , 40, 160-73	3.3	120
239	Update on PPHN: mechanisms and treatment. <i>Seminars in Perinatology</i> , 2014 , 38, 78-91	3.3	120
238	Oxygen concentration and pulmonary hemodynamics in newborn lambs with pulmonary hypertension. <i>Pediatric Research</i> , 2009 , 66, 539-44	3.2	111
237	Oxygen saturation target range for extremely preterm infants: a systematic review and meta-analysis. <i>JAMA Pediatrics</i> , 2015 , 169, 332-40	8.3	110
236	Pulmonary arterial contractility in neonatal lambs increases with 100% oxygen resuscitation. <i>Pediatric Research</i> , 2006 , 59, 137-41	3.2	107
235	Characteristics of pulmonary hypertension in preterm neonates. <i>Journal of Perinatology</i> , 2007 , 27, 214-9	3.1	105
234	Pulmonary hemodynamics in neonatal lambs resuscitated with 21%, 50%, and 100% oxygen. <i>Pediatric Research</i> , 2007 , 62, 313-8	3.2	102
233	Placental transfusion: a review. <i>Journal of Perinatology</i> , 2017 , 37, 105-111	3.1	88
232	Congenital Diaphragmatic hernia - a review. <i>Maternal Health, Neonatology and Perinatology</i> , 2017 , 3, 6	3.4	86
231	Increased hydrogen peroxide downregulates soluble guanylate cyclase in the lungs of lambs with persistent pulmonary hypertension of the newborn. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2005 , 289, L660-6	5.8	86
230	Pulmonary Vascular Biology During Neonatal Transition. <i>Clinics in Perinatology</i> , 1999 , 26, 601-619	2.8	86
229	Inflammatory mediators in the immunobiology of bronchopulmonary dysplasia. <i>Clinical Reviews in Allergy and Immunology</i> , 2008 , 34, 174-90	12.3	82
228	Perinatal aspects on the covid-19 pandemic: a practical resource for perinatal-neonatal specialists. <i>Journal of Perinatology</i> , 2020 , 40, 820-826	3.1	79

227	Milrinone enhances relaxation to prostacyclin and iloprost in pulmonary arteries isolated from lambs with persistent pulmonary hypertension of the newborn. <i>Pediatric Critical Care Medicine</i> , 2009 , 10, 106-12	3	71
226	Neonatal Resuscitation and Postresuscitation Care of Infants Born to Mothers with Suspected or Confirmed SARS-CoV-2 Infection. <i>American Journal of Perinatology</i> , 2020 , 37, 813-824	3.3	70
225	Neonatal Life Support: 2020 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations. <i>Circulation</i> , 2020 , 142, S185-S221	16.7	66
224	Transient tachypnea of the newborn. <i>Pediatrics in Review</i> , 2008 , 29, e59-65	1.1	64
223	Mitochondrial oxidant stress increases PDE5 activity in persistent pulmonary hypertension of the newborn. <i>Respiratory Physiology and Neurobiology</i> , 2010 , 174, 272-81	2.8	62
222	Pulmonary hemodynamics and vascular reactivity in asphyxiated term lambs resuscitated with 21 and 100% oxygen. <i>Journal of Applied Physiology</i> , 2011 , 111, 1441-7	3.7	61
221	The pulmonary circulation in neonatal respiratory failure. <i>Clinics in Perinatology</i> , 2012 , 39, 655-83	2.8	59
220	Hydrogen peroxide regulates extracellular superoxide dismutase activity and expression in neonatal pulmonary hypertension. <i>Antioxidants and Redox Signaling</i> , 2011 , 15, 1497-506	8.4	59
219	SOD and inhaled nitric oxide normalize phosphodiesterase 5 expression and activity in neonatal lambs with persistent pulmonary hypertension. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2010 , 299, L109-16	5.8	58
218	Persistent Pulmonary Hypertension of the Newborn. <i>NeoReviews</i> , 2015 , 16, e680-e692	1.1	55
217	Oxygen targeting in preterm infants: a physiological interpretation. <i>Journal of Perinatology</i> , 2015 , 35, 8-15	3.1	54
216	Increased p22(phox)/Nox4 expression is involved in remodeling through hydrogen peroxide signaling in experimental persistent pulmonary hypertension of the newborn. <i>Antioxidants and Redox Signaling</i> , 2013 , 18, 1765-76	8.4	54
215	Brief hyperoxia increases mitochondrial oxidation and increases phosphodiesterase 5 activity in fetal pulmonary artery smooth muscle cells. <i>Antioxidants and Redox Signaling</i> , 2012 , 17, 460-70	8.4	52
214	eNOS function is developmentally regulated: uncoupling of eNOS occurs postnatally. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2006 , 290, L232-41	5.8	51
213	Growth factors in lung development. <i>Advances in Clinical Chemistry</i> , 2005 , 40, 261-316	5.8	49
212	COVID-19 and Neonatal Respiratory Care: Current Evidence and Practical Approach. <i>American Journal of Perinatology</i> , 2020 , 37, 780-791	3.3	43
211	Decreased endothelial nitric oxide synthase expression and function contribute to impaired mitochondrial biogenesis and oxidative stress in fetal lambs with persistent pulmonary hypertension. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016 , 310, L40-9	5.8	42
210	Altered endothelium-dependent relaxations in lambs with high pulmonary blood flow and pulmonary hypertension. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2001 , 280, H311-7	5.2	42

209	Hydrocortisone normalizes oxygenation and cGMP regulation in lambs with persistent pulmonary hypertension of the newborn. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2012 , 302, L595-603	5.8	41
208	Admission Temperature and Associated Mortality and Morbidity among Moderately and Extremely Preterm Infants. <i>Journal of Pediatrics</i> , 2018 , 192, 53-59.e2	3.6	40
207	Oxygen saturation index and severity of hypoxic respiratory failure. <i>Neonatology</i> , 2015 , 107, 161-6	4	39
206	Regulation of phosphodiesterase 3 in the pulmonary arteries during the perinatal period in sheep. <i>Pediatric Research</i> , 2009 , 66, 682-7	3.2	39
205	Genetic prothrombotic mutations are common in neonates but are not associated with umbilical catheter-associated thrombosis. <i>Journal of Perinatology</i> , 2007 , 27, 490-5	3.1	39
204	Oral Dextrose Gel Reduces the Need for Intravenous Dextrose Therapy in Neonatal Hypoglycemia. <i>Biomedicine Hub</i> , 2016 , 1,	1.3	38
203	Oxygen therapy of the newborn from molecular understanding to clinical practice. <i>Pediatric Research</i> , 2019 , 85, 20-29	3.2	37
202	Persistent pulmonary hypertension of the newborn. <i>Maternal Health, Neonatology and Perinatology</i> , 2015 , 1, 14	3.4	36
201	Evaluation of Timing and Route of Epinephrine in a Neonatal Model of Asphyxial Arrest. <i>Journal of the American Heart Association</i> , 2017 , 6,	6	35
200	The role of nitric oxide synthase-derived reactive oxygen species in the altered relaxation of pulmonary arteries from lambs with increased pulmonary blood flow. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007 , 293, H1491-7	5.2	34
199	Oxygen Saturation Targets in Preterm Infants and Outcomes at 18-24 Months: A Systematic Review. <i>Pediatrics</i> , 2017 , 139,	7.4	32
198	Early Use of Inhaled Nitric Oxide in Preterm Infants: Is there a Rationale for Selective Approach?. <i>American Journal of Perinatology</i> , 2017 , 34, 428-440	3.3	32
197	Apocynin improves oxygenation and increases eNOS in persistent pulmonary hypertension of the newborn. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2012 , 302, L616-26	5.8	32
196	Trends in maternal prepregnancy body mass index (BMI) and its association with birth and maternal outcomes in California, 2007-2016: A retrospective cohort study. <i>PLoS ONE</i> , 2019 , 14, e0222458	3.7	31
195	COVID-19 in Newborns and Infants-Low Risk of Severe Disease: Silver Lining or Dark Cloud?. <i>American Journal of Perinatology</i> , 2020 , 37, 845-849	3.3	31
194	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	3.4	31
193	Inspiratory stridor after tracheal intubation with a MicroCuff [®] tracheal tube in three young infants. <i>Anesthesiology</i> , 2013 , 118, 748-50	4.3	29
192	Critical congenital heart disease screening by pulse oximetry in a neonatal intensive care unit. <i>Journal of Perinatology</i> , 2015 , 35, 67-71	3.1	28

191	Neonatal hyperoxia increases airway reactivity and inflammation in adult mice. <i>Pediatric Pulmonology</i> , 2016 , 51, 1131-1141	3.5	27
190	Pulmonary Hypertension Associated with Hypoxic-Ischemic Encephalopathy-Antecedent Characteristics and Comorbidities. <i>Journal of Pediatrics</i> , 2018 , 196, 45-51.e3	3.6	26
189	Association between Use of Prophylactic Indomethacin and the Risk for Bronchopulmonary Dysplasia in Extremely Preterm Infants. <i>Journal of Pediatrics</i> , 2017 , 186, 34-40.e2	3.6	25
188	Beyond the inhaled nitric oxide in persistent pulmonary hypertension of the newborn. <i>Pediatrics and Neonatology</i> , 2018 , 59, 15-23	1.8	24
187	Cyclic stretch stimulates mitochondrial reactive oxygen species and Nox4 signaling in pulmonary artery smooth muscle cells. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2015 , 309, L196-203	5.8	24
186	Evaluation of Seasonal Respiratory Virus Activity Before and After the Statewide COVID-19 Shelter-in-Place Order in Northern California. <i>JAMA Network Open</i> , 2021 , 4, e2035281	10.4	24
185	Effects of prostacyclin and milrinone on pulmonary hemodynamics in newborn lambs with persistent pulmonary hypertension induced by ductal ligation. <i>Pediatric Research</i> , 2006 , 60, 624-9	3.2	23
184	Protecting Breastfeeding during the COVID-19 Pandemic. <i>American Journal of Perinatology</i> , 2020 ,	3.3	23
183	The protective role of MnTBAP in oxidant-mediated injury and inflammation in a rat model of lung contusion. <i>Surgery</i> , 2013 , 154, 980-90	3.6	22
182	Prostacyclin and milrinone by aerosolization improve pulmonary hemodynamics in newborn lambs with experimental pulmonary hypertension. <i>Journal of Applied Physiology</i> , 2010 , 109, 677-84	3.7	22
181	C-type natriuretic peptide system in fetal ovine pulmonary vasculature. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2001 , 281, L361-8	5.8	21
180	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, 248-263	27.4	21
179	Exposure to supplemental oxygen downregulates antioxidant enzymes and increases pulmonary arterial contractility in premature lambs. <i>Neonatology</i> , 2009 , 96, 182-92	4	20
178	The myocardial architecture changes in persistent pulmonary hypertension of the newborn in an ovine animal model. <i>Pediatric Research</i> , 2016 , 79, 565-74	3.2	19
177	Neonatal intestinal dysbiosis. <i>Journal of Perinatology</i> , 2020 , 40, 1597-1608	3.1	19
176	Hypoxia inducible factor signaling and experimental persistent pulmonary hypertension of the newborn. <i>Frontiers in Pharmacology</i> , 2015 , 6, 47	5.6	18
175	Delivery Room Resuscitation and Short-Term Outcomes in Moderately Preterm Infants. <i>Journal of Pediatrics</i> , 2018 , 195, 33-38.e2	3.6	18
174	Persistent Pulmonary Hypertension in the Newborn. <i>Children</i> , 2017 , 4,	2.8	18

173	Epidemiology and Clinical Research Design, Part 1: Study Types. <i>NeoReviews</i> , 2014 , 15, e558-e569	1.1	18
172	Neonatal resuscitation: evolving strategies. <i>Maternal Health, Neonatology and Perinatology</i> , 2015 , 1,	3.4	17
171	Tracheal suctioning improves gas exchange but not hemodynamics in asphyxiated lambs with meconium aspiration. <i>Pediatric Research</i> , 2015 , 77, 347-55	3.2	17
170	Neonatal resuscitation adhering to oxygen saturation guidelines in asphyxiated lambs with meconium aspiration. <i>Pediatric Research</i> , 2016 , 79, 583-8	3.2	17
169	Continuous Chest Compressions During Sustained Inflations in a Perinatal Asphyxial Cardiac Arrest Lamb Model. <i>Pediatric Critical Care Medicine</i> , 2017 , 18, e370-e377	3	17
168	Use of CT angiography in the diagnosis of total anomalous venous return. <i>Journal of Perinatology</i> , 2009 , 29, 458-61	3.1	17
167	Histogenesis of retinal dysplasia in trisomy 13. <i>Diagnostic Pathology</i> , 2007 , 2, 48	3	17
166	Approach to Infants Born Through Meconium Stained Amniotic Fluid: Evolution Based on Evidence?. <i>American Journal of Perinatology</i> , 2018 , 35, 815-822	3.3	16
165	Cyclic stretch induces inducible nitric oxide synthase and soluble guanylate cyclase in pulmonary artery smooth muscle cells. <i>International Journal of Molecular Sciences</i> , 2013 , 14, 4334-48	6.3	16
164	Vinyl bags prevent hypothermia at birth in preterm infants. <i>Indian Journal of Pediatrics</i> , 2007 , 74, 249-53	3	16
163	Temporal trends, patterns, and predictors of preterm birth in California from 2007 to 2016, based on the obstetric estimate of gestational age. <i>Maternal Health, Neonatology and Perinatology</i> , 2018 , 4, 25	3.4	16
162	Inhaled PGE1 in neonates with hypoxemic respiratory failure: two pilot feasibility randomized clinical trials. <i>Trials</i> , 2014 , 15, 486	2.8	15
161	Stridor in Neonates After Using the Microcuff and Uncuffed Tracheal Tubes: A Retrospective Review. <i>Anesthesia and Analgesia</i> , 2015 , 121, 1321-4	3.9	15
160	Hydrocortisone normalizes phosphodiesterase-5 activity in pulmonary artery smooth muscle cells from lambs with persistent pulmonary hypertension of the newborn. <i>Pulmonary Circulation</i> , 2014 , 4, 71-81	2.7	15
159	Perinatal SARS-CoV-2 Infection and Neonatal COVID-19: A 2021 Update. <i>NeoReviews</i> , 2021 , 22, e284-e295	1	15
158	Effects of Myo-inositol on Type 1 Retinopathy of Prematurity Among Preterm Infants. <i>JAMA - Journal of the American Medical Association</i> , 2018 , 320, 1649-1658	27.4	15
157	The Fetus Can Teach Us: Oxygen and the Pulmonary Vasculature. <i>Children</i> , 2017 , 4,	2.8	14
156	Pleural effusion with parenteral nutrition solution: an unusual complication of an "appropriately" placed umbilical venous catheter. <i>American Journal of Perinatology</i> , 2007 , 24, 581-5	3.3	14

155	Hemodynamics and gas exchange during chest compressions in neonatal resuscitation. <i>PLoS ONE</i> , 2017 , 12, e0176478	3.7	14
154	Change in neonatal resuscitation guidelines and trends in incidence of meconium aspiration syndrome in California. <i>Journal of Perinatology</i> , 2020 , 40, 46-55	3.1	14
153	Optimal oxygenation and role of free radicals in PPHN. <i>Free Radical Biology and Medicine</i> , 2019 , 142, 97-106	7.8	13
152	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	3.6	13
151	Effect of various inspired oxygen concentrations on pulmonary and systemic hemodynamics and oxygenation during resuscitation in a transitioning preterm model. <i>Pediatric Research</i> , 2018 , 84, 743-750 ^{3.2}		13
150	Infants Born to Mothers with Clinical Chorioamnionitis: A Cross-Sectional Survey on the Use of Early-Onset Sepsis Risk Calculator and Prolonged Use of Antibiotics. <i>American Journal of Perinatology</i> , 2019 , 36, 428-433	3.3	13
149	The developing gut-lung axis: postnatal growth restriction, intestinal dysbiosis, and pulmonary hypertension in a rodent model. <i>Pediatric Research</i> , 2020 , 87, 472-479	3.2	13
148	Response to pulmonary vasodilators in infants with congenital diaphragmatic hernia. <i>Pediatric Surgery International</i> , 2018 , 34, 735-742	2.1	13
147	Role of pulmonary artery reactivity and nitric oxide in injury and inflammation following lung contusion. <i>Shock</i> , 2013 , 39, 278-85	3.4	12
146	Randomised trial of epinephrine dose and flush volume in term newborn lambs. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2021 , 106, 578-583	4.7	12
145	Continuous End-Tidal Carbon Dioxide Monitoring during Resuscitation of Asphyxiated Term Lambs. <i>Neonatology</i> , 2016 , 109, 265-73	4	11
144	Outcomes of Preterm Infants following Discussions about Withdrawal or Withholding of Life Support. <i>Journal of Pediatrics</i> , 2017 , 190, 118-123.e4	3.6	11
143	Randomized controlled trial of vinyl bags versus thermal mattress to prevent hypothermia in extremely low-gestational-age infants. <i>American Journal of Perinatology</i> , 2013 , 30, 317-22	3.3	11
142	Galactorrhea with metoclopramide use in the neonatal unit. <i>Journal of Perinatology</i> , 2009 , 29, 391-2	3.1	11
141	Recent Advances in Pathophysiology and Management of Transient Tachypnea of Newborn. <i>Journal of Perinatology</i> , 2021 , 41, 6-16	3.1	11
140	Apnea, bradycardia and desaturation spells in premature infants: impact of a protocol for the duration of Bpell-freePobservation on interprovider variability and readmission rates. <i>Journal of Perinatology</i> , 2018 , 38, 86-91	3.1	11
139	Continuous capnography monitoring during resuscitation in a transitional large mammalian model of asphyxial cardiac arrest. <i>Pediatric Research</i> , 2017 , 81, 898-904	3.2	10
138	Optimal Oxygen Targets in Term Lambs with Meconium Aspiration Syndrome and Pulmonary Hypertension. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2020 , 63, 510-518	5.7	10

137	Transient Tachypnea of the Newborn. <i>Pediatrics in Review</i> , 2008 , 29, e59-e65	1.1	10
136	Neonatal Multisystem Inflammatory Syndrome (MIS-N) Associated with Prenatal Maternal SARS-CoV-2: A Case Series. <i>Children</i> , 2021 , 8,	2.8	10
135	Patent ductus arteriosus in preterm infants: is early transcatheter closure a paradigm shift?. <i>Journal of Perinatology</i> , 2019 , 39, 1449-1461	3.1	9
134	Bioavailability of endotracheal epinephrine in an ovine model of neonatal resuscitation. <i>Early Human Development</i> , 2019 , 130, 27-32	2.2	9
133	Monitoring Gas Exchange During Hypothermia for Hypoxic-Ischemic Encephalopathy. <i>Pediatric Critical Care Medicine</i> , 2019 , 20, 166-171	3	9
132	Association between Policy Changes for Oxygen Saturation Alarm Settings and Neonatal Morbidity and Mortality in Infants Born Very Preterm. <i>Journal of Pediatrics</i> , 2019 , 209, 17-22.e2	3.6	9
131	Antecedents and Outcomes of Abnormal Cranial Imaging in Moderately Preterm Infants. <i>Journal of Pediatrics</i> , 2018 , 195, 66-72.e3	3.6	9
130	Packed red cell transfusions alter mesenteric arterial reactivity and nitric oxide pathway in preterm lambs. <i>Pediatric Research</i> , 2013 , 74, 652-7	3.2	9
129	Perinatal SARS-CoV-2 Infection and Neonatal COVID-19: A 2021 Update. <i>NeoReviews</i> , 2021 , 22, e284-e295		9
128	Interprofessional/interdisciplinary teamwork during the early COVID-19 pandemic: experience from a children's hospital within an academic health center. <i>Journal of Interprofessional Care</i> , 2020 , 34, 682-686	2.7	9
127	Oxygen saturation targeting by pulse oximetry in the extremely low gestational age neonate: a quixotic quest. <i>Current Opinion in Pediatrics</i> , 2017 , 29, 153-158	3.2	8
126	In Vitro Consequences of Electronic-Cigarette Flavoring Exposure on the Immature Lung. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	8
125	Oxygenation and Hemodynamics during Chest Compressions in a Lamb Model of Perinatal Asphyxia Induced Cardiac Arrest. <i>Children</i> , 2019 , 6,	2.8	8
124	Management of mothers and neonates in low resources setting during covid-19 pandemia. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2020 , 1-12	2	8
123	The Perinatal Asphyxiated Lamb Model: A Model for Newborn Resuscitation. <i>Journal of Visualized Experiments</i> , 2018 ,	1.6	8
122	Association between caffeine citrate exposure and necrotizing enterocolitis in preterm infants. <i>American Journal of Health-System Pharmacy</i> , 2013 , 70, 603-8	2.2	8
121	Oxygen therapy in preterm infants with pulmonary hypertension. <i>Seminars in Fetal and Neonatal Medicine</i> , 2020 , 25, 101070	3.7	8
120	Umbilical Cord Milking vs Delayed Cord Clamping and Associations with In-Hospital Outcomes among Extremely Premature Infants. <i>Journal of Pediatrics</i> , 2021 , 232, 87-94.e4	3.6	8

119	Factors influencing decision making in neonatology: inhaled nitric oxide in preterm infants. <i>Journal of Perinatology</i> , 2019 , 39, 86-94	3.1	8
118	Somatic growth and the risks of bronchopulmonary dysplasia and pulmonary hypertension: connecting epidemiology and physiology. <i>Canadian Journal of Physiology and Pharmacology</i> , 2019 , 97, 197-205	2.4	8
117	Oxygen Saturation and Perfusion Index-Based Enhanced Critical Congenital Heart Disease Screening. <i>American Journal of Perinatology</i> , 2020 , 37, 158-165	3.3	8
116	Optimal Duration of Continuous Video-Electroencephalography in Term Infants With Hypoxic-Ischemic Encephalopathy and Therapeutic Hypothermia. <i>Journal of Child Neurology</i> , 2017 , 32, 522-527	2.5	7
115	NICU Admissions for Meconium Aspiration Syndrome before and after a National Resuscitation Program Suctioning Guideline Change. <i>Children</i> , 2019 , 6,	2.8	7
114	Epinephrine in Neonatal Resuscitation. <i>Children</i> , 2019 , 6,	2.8	7
113	Intestinal Dysbiosis and the Developing Lung: The Role of Toll-Like Receptor 4 in the Gut-Lung Axis. <i>Frontiers in Immunology</i> , 2020 , 11, 357	8.4	7
112	Barriers to enrollment in a randomized controlled trial of hydrocortisone for cardiovascular insufficiency in term and late preterm newborn infants. <i>Journal of Perinatology</i> , 2017 , 37, 1220-1223	3.1	7
111	Evaluation of critical congenital heart defects screening using pulse oximetry in the neonatal intensive care unit. <i>Journal of Perinatology</i> , 2017 , 37, 1117-1123	3.1	7
110	Adjacent bronchus attenuates pulmonary arterial contractility. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2006 , 291, L473-8	5.8	7
109	Unexpected source of latex sensitization in a neonatal intensive care unit. <i>Journal of Perinatology</i> , 2007 , 27, 586-8	3.1	7
108	Selective type 5 phosphodiesterase inhibition alters pulmonary hemodynamics and lung liquid production in near-term fetal lambs. <i>Journal of Applied Physiology</i> , 2005 , 99, 2331-6	3.7	7
107	Role of NO and other vascular mediators in the etiopathogenesis of necrotizing enterocolitis. <i>Frontiers in Bioscience - Scholar</i> , 2019 , 11, 9-28	2.4	7
106	Inhaled nitric oxide as an adjunct to neonatal resuscitation in premature infants: a pilot, double blind, randomized controlled trial. <i>Pediatric Research</i> , 2020 , 87, 523-528	3.2	7
105	Effects of novel muscarinic M3 receptor ligand C1213 in pulmonary arterial hypertension models. <i>Physiological Reports</i> , 2016 , 4, e13069	2.6	7
104	Hydrocortisone Improves Oxygenation Index and Systolic Blood Pressure in Term Infants With Persistent Pulmonary Hypertension. <i>Clinical Medicine Insights Pediatrics</i> , 2019 , 13, 1179556519888918	1.8	7
103	Smoking during Pregnancy and Adverse Birth and Maternal Outcomes in California, 2007 to 2016. <i>American Journal of Perinatology</i> , 2020 , 37, 1364-1376	3.3	7
102	Better timing for cord clamping is after onset of lung aeration. <i>Pediatric Research</i> , 2015 , 77, 615-7	3.2	6

101	Methemoglobin to cumulative nitric oxide ratio and response to inhaled nitric oxide in PPHN. <i>Journal of Perinatology</i> , 2009 , 29, 698-701	3.1	6
100	Ontogeny of atrial natriuretic peptide and its receptor in the lung: effects on perinatal surfactant release. <i>Pediatric Research</i> , 2008 , 63, 239-44	3.2	6
99	Ovine bronchial-derived relaxing factor: changes with development and hyperoxic ventilation. <i>Journal of Applied Physiology</i> , 2006 , 101, 135-9	3.7	6
98	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	3.6	6
97	Risk Stratification and Personal Protective Equipment Use in Pediatric Endoscopy During the Coronavirus Disease 2019 Outbreak: A Single-center Protocol. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2020 , 70, 751-754	2.8	5
96	Oxygen and pulmonary vasodilation: The role of oxidative and nitrosative stress. <i>Seminars in Fetal and Neonatal Medicine</i> , 2020 , 25, 101083	3.7	5
95	Universal pulse oximetry screen for critical congenital heart disease in the NICU. <i>Journal of Perinatology</i> , 2014 , 34, 343-4	3.1	5
94	Placental Transfusion for Asphyxiated Infants. <i>Frontiers in Pediatrics</i> , 2019 , 7, 473	3.4	5
93	Necrotizing Enterocolitis in Moderate Preterm Infants. <i>BioMed Research International</i> , 2018 , 2018, 4126245	3.5	5
92	Natriuretic peptide C receptor in the developing sheep lung: role in perinatal transition. <i>Pediatric Research</i> , 2017 , 82, 349-355	3.2	4
91	Resuscitator [®] perceptions and time for corrective ventilation steps during neonatal resuscitation. <i>Resuscitation</i> , 2015 , 91, 63-6	4	4
90	Does measurement of four-limb blood pressures at birth improve detection of aortic arch anomalies?. <i>Journal of Perinatology</i> , 2016 , 36, 376-80	3.1	4
89	Free radical damage can cause serious long-lasting effects. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2018 , 107, 2099	3.1	4
88	Just Say No to iNO in Preterms-Really?. <i>Journal of Pediatrics</i> , 2020 , 218, 243-252	3.6	4
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82	Vesiculopustular eruption associated with transient myeloproliferative disorder. <i>Cutis</i> , 2009 , 83, 234-6	0.4	4
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39	Hereditary Angioedema in Children. <i>Pediatric Asthma, Allergy and Immunology</i> , 1996 , 10, 155-159		1
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28	Pathophysiology of Persistent Pulmonary Hypertension of the NewbornCellular Basis and Lessons from Animal Studies 2019 , 129-153		1
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