

Steven H Abman

List of Publications by Year in descending order

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Version: 2024-02-01

185
papers

12,448
citations

31976

53
h-index

27406

106
g-index

211
all docs

211
docs citations

211
times ranked

6552
citing authors

#	ARTICLE	IF	CITATIONS
1	APS/SPR Virtual Chat: race, racism, and child health equity in academic pediatrics. <i>Pediatric Research</i> , 2022, 91, 1669-1676.	2.3	3
2	The american pediatric society and society for pediatric research joint statement against racism and social injustice. <i>Pediatric Research</i> , 2022, 91, 72-72.	2.3	2
3	Characterisation of paediatric pulmonary hypertensive vascular disease from the PPHNet Registry. <i>European Respiratory Journal</i> , 2022, 59, 2003337.	6.7	43
4	Association of the dysfunctional placentation endotype of prematurity with bronchopulmonary dysplasia: a systematic review, meta-analysis and meta-regression. <i>Thorax</i> , 2022, 77, 268-275.	5.6	42
5	Ventilatory Strategies in Infants with Established Severe Bronchopulmonary Dysplasia: A Multicenter Point Prevalence Study. <i>Journal of Pediatrics</i> , 2022, 242, 248-252.e1.	1.8	10
6	The importance of trustworthiness: lessons from the COVID-19 pandemic. <i>Pediatric Research</i> , 2022, 91, 482-485.	2.3	21
7	Cardiac Catheterization and Hemodynamics in a Multicenter Cohort of Children with Pulmonary Hypertension. <i>Annals of the American Thoracic Society</i> , 2022, 19, 1000-1012.	3.2	6
8	Physiological aspects of cardiopulmonary dysanapsis on exercise in adults born preterm. <i>Journal of Physiology</i> , 2022, 600, 463-482.	2.9	20
9	Building a Dedicated Pediatric Pulmonary Hypertension Program: A Consensus Statement from the Pediatric Pulmonary Hypertension Network. <i>Pulmonary Circulation</i> , 2022, 12, e12031.	1.7	1
10	Antenatal mesenchymal stromal cell extracellular vesicle treatment preserves lung development in a model of bronchopulmonary dysplasia due to chorioamnionitis. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2022, 322, L179-L190.	2.9	12
11	The new APS: lingering lessons. <i>Pediatric Research</i> , 2022, , .	2.3	0
12	Vascular Disorders of Pregnancy Increase Susceptibility to Neonatal Pulmonary Hypertension in High-Altitude Populations. <i>Hypertension</i> , 2022, 79, 1286-1296.	2.7	8
13	Microvascular Shunts in Covid-19 Pneumonia. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, , .	5.6	0
14	Pulmonary vasodilator strategies in neonates with acute hypoxemic respiratory failure and pulmonary hypertension. <i>Seminars in Fetal and Neonatal Medicine</i> , 2022, 27, 101367.	2.3	3
15	Of Registries and Disease Classification: Unmasking the Challenges of Pediatric Pulmonary Hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 206, 664-665.	5.6	2
16	Persistent pulmonary hypertension of the newborn. <i>Pediatric Pulmonology</i> , 2021, 56, 661-669.	2.0	35
17	Pulmonary Hypertension: The Hidden Danger for Newborns. <i>Neonatology</i> , 2021, 118, 211-217.	2.0	17
18	Practice patterns of pulmonary hypertension secondary to left heart disease among pediatric pulmonary hypertension providers. <i>Pulmonary Circulation</i> , 2021, 11, 1-8.	1.7	3

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19	The many challenges to the field of pediatric pulmonology posed by pediatric pulmonary hypertension and the path forward. <i>Pediatric Pulmonology</i> , 2021, 56, 583-586.	2.0	0
20	Mentorâ€“Mentee interactions: a 2-way street. The APSâ€“SPR virtual chat series. <i>Pediatric Research</i> , 2021, , ,	2.3	1
21	Intrapulmonary bronchopulmonary anastomoses in COVID-19 respiratory failure. <i>European Respiratory Journal</i> , 2021, 58, 2004397.	6.7	22
22	When to say no to inhaled nitric oxide in neonates?. <i>Seminars in Fetal and Neonatal Medicine</i> , 2021, 26, 101200.	2.3	9
23	Established severe BPD: is there a way out? Change of ventilatory paradigms. <i>Pediatric Research</i> , 2021, 90, 1139-1146.	2.3	17
24	Invasive mechanical ventilation at 36 weeks post-menstrual age, adverse outcomes with a comparison of recent definitions of bronchopulmonary dysplasia. <i>Journal of Perinatology</i> , 2021, 41, 1936-1942.	2.0	24
25	Pulmonary Arterial Hypertension: Diagnosis, Treatment, and Novel Advances. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 203, 1472-1487.	5.6	68
26	Update in Pediatrics 2020. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 204, 274-284.	5.6	0
27	Risk Assessment and Monitoring of Chronic Pulmonary Hypertension in Premature Infants. <i>Journal of Pediatrics</i> , 2020, 217, 199-209.e4.	1.8	36
28	Pulmonary Hypertension and Cardiac Changes in BPD. , 2020, , 113-129.		0
29	Just Say No to iNO in Pretermsâ€“Really?. <i>Journal of Pediatrics</i> , 2020, 218, 243-252.	1.8	13
30	Adverse drug event rates in pediatric pulmonary hypertension: a comparison of real-world data sources. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2020, 27, 294-300.	4.4	13
31	Novel measures of left ventricular electromechanical discoordination predict clinical outcomes in children with pulmonary arterial hypertension. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020, 318, H401-H412.	3.2	18
32	Maternal vitamin D deficiency induces transcriptomic changes in newborn rat lungs. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2020, 199, 105613.	2.5	5
33	Racism and social injustice as determinants of child health: the American Pediatric Society Issue of the Year. <i>Pediatric Research</i> , 2020, 88, 691-693.	2.3	6
34	Challenges of academic pediatric medicine: the American Pediatric Society and Society for Pediatric Research Virtual Chat Series. <i>Pediatric Research</i> , 2020, , ,	2.3	1
35	â€œHolistic Promotion of Scholarship and Advancementâ€•APS racism series: at the intersection of equity, science, and social justice. <i>Pediatric Research</i> , 2020, 88, 694-695.	2.3	2
36	Pulmonary interstitial glycogenosis cells express mesenchymal stem cell markers. <i>European Respiratory Journal</i> , 2020, 56, 2000853.	6.7	10

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37	A proposal for the addressing the needs of the pediatric pulmonary work force. <i>Pediatric Pulmonology</i> , 2020, 55, 1859-1867.	2.0	11
38	Perinatal Hypoxia-Inducible Factor Stabilization Preserves Lung Alveolar and Vascular Growth in Experimental Bronchopulmonary Dysplasia. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 202, 1146-1158.	5.6	30
39	Maternal Vitamin D Deficiency Causes Sustained Impairment of Lung Structure and Function and Increases Susceptibility to Hyperoxia-induced Lung Injury in Infant Rats. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2020, 63, 79-91.	2.9	14
40	rhIGF-1/BP3 Preserves Lung Growth and Prevents Pulmonary Hypertension in Experimental Bronchopulmonary Dysplasia. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 201, 1120-1134.	5.6	43
41	Antenatal Endotoxin Impairs Lung Mechanics and Increases Sensitivity to Ventilator-Induced Lung Injury in Newborn Rat Pups. <i>Frontiers in Physiology</i> , 2020, 11, 614283.	2.8	0
42	Proximal pulmonary vascular stiffness as a prognostic factor in children with pulmonary arterial hypertension. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 20, 209-217.	1.2	36
43	Angiogenic profile identifies pulmonary hypertension in children with Down syndrome. <i>Pulmonary Circulation</i> , 2019, 9, 1-8.	1.7	9
44	Oxygen Therapy and Pulmonary Hypertension in Preterm Infants. <i>Clinics in Perinatology</i> , 2019, 46, 611-619.	2.1	6
45	Acute vasoreactivity testing in pediatric idiopathic pulmonary arterial hypertension: an international survey on current practice. <i>Pulmonary Circulation</i> , 2019, 9, 1-9.	1.7	7
46	Bronchopulmonary Dysplasia: A Continuum of Lung Disease from the Fetus to the Adult. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 200, 659-660.	5.6	30
47	Acute Vasoreactivity Testing during Cardiac Catheterization of Neonates with Bronchopulmonary Dysplasia-Associated Pulmonary Hypertension. <i>Journal of Pediatrics</i> , 2019, 208, 127-133.	1.8	28
48	Response: Still puzzling about a clear definition of pulmonary arterial hypertension in newborns. <i>European Respiratory Journal</i> , 2019, 53, 1900135.	6.7	3
49	Drugs for the Prevention and Treatment of Bronchopulmonary Dysplasia. <i>Clinics in Perinatology</i> , 2019, 46, 291-310.	2.1	39
50	Heterogeneous response of endothelial cells to insulin like growth factor 1 treatment is explained by spatially clustered subpopulations. <i>Biology Open</i> , 2019, 8, .	1.2	4
51	Bronchopulmonary dysplasia. <i>Nature Reviews Disease Primers</i> , 2019, 5, 78.	30.5	541
52	Paediatric pulmonary arterial hypertension: updates on definition, classification, diagnostics and management. <i>European Respiratory Journal</i> , 2019, 53, 1801916.	6.7	399
53	Early Pulmonary Vascular Disease in Preterm Infants Is Associated with Late Respiratory Outcomes in Childhood. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 199, 1020-1027.	5.6	62
54	Airway Microbiome and Development of Bronchopulmonary Dysplasia in Preterm Infants: A Systematic Review. <i>Journal of Pediatrics</i> , 2019, 204, 126-133.e2.	1.8	81

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55	Prenatal complications are associated with the postnatal airway host response and microbiota in intubated preterm infants. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2019, 32, 1499-1506.	1.5	3
56	Evolving Challenges in Pediatric Pulmonary Medicine. New Opportunities to Reinvigorate the Field. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 198, 724-729.	5.6	11
57	Developmental Origins of Chronic Lung Diseases. Mechanical Stretch, Micro-RNAs, and Hydrogels. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2018, 59, 267-270.	2.9	0
58	The Left Ventricle in Congenital Diaphragmatic Hernia: Implications for the Management of Pulmonary Hypertension. <i>Journal of Pediatrics</i> , 2018, 197, 17-22.	1.8	79
59	Anti-Flt-1 Therapy Preserves Lung Alveolar and Vascular Growth in Antenatal Models of Bronchopulmonary Dysplasia. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 197, 776-787.	5.6	63
60	Effect of electrical dyssynchrony on left and right ventricular mechanics in children with pulmonary arterial hypertension. <i>Journal of Heart and Lung Transplantation</i> , 2018, 37, 870-878.	0.6	25
61	Measuring Flow Hemodynamic Indices and Oxygen Consumption in Children with Pulmonary Hypertension: A Comparison of Catheterization and Phase-Contrast MRI. <i>Pediatric Cardiology</i> , 2018, 39, 268-274.	1.3	11
62	Recent advances in antenatal factors predisposing to bronchopulmonary dysplasia. <i>Seminars in Perinatology</i> , 2018, 42, 413-424.	2.5	63
63	Echocardiographic Measurements of Right Ventricular Mechanics in Infants with Bronchopulmonary Dysplasia at 36 Weeks Postmenstrual Age. <i>Journal of Pediatrics</i> , 2018, 203, 210-217.e1.	1.8	20
64	Enhancing the Development and Retention of Physician-Scientists in Academic Pediatrics: Strategies for Success. <i>Journal of Pediatrics</i> , 2018, 200, 277-284.	1.8	11
65	Noninvasive wave intensity analysis predicts functional worsening in children with pulmonary arterial hypertension. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 315, H968-H977.	3.2	28
66	Clinical Characteristics and Risk Factors for Developing Pulmonary Hypertension in Children with Down Syndrome. <i>Journal of Pediatrics</i> , 2018, 202, 212-219.e2.	1.8	81
67	Prominent Bronchopulmonary Vascular Anastomoses in Fatal Childhood Asthma. <i>Annals of the American Thoracic Society</i> , 2018, 15, 1359-1362.	3.2	3
68	Persistent Pulmonary Hypertension. , 2018, , 768-778.e3.		2
69	Apparent Aortic Stiffness in Children With Pulmonary Arterial Hypertension. <i>Circulation: Cardiovascular Imaging</i> , 2017, 10, .	2.6	29
70	The Evolution of Bronchopulmonary Dysplasia after 50 Years. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 195, 421-424.	5.6	90
71	Antenatal Determinants of Bronchopulmonary Dysplasia and Late Respiratory Disease in Preterm Infants. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 196, 364-374.	5.6	128
72	Reliability of Echocardiographic Indicators of Pulmonary Vascular Disease in Preterm Infants at Risk for Bronchopulmonary Dysplasia. <i>Journal of Pediatrics</i> , 2017, 186, 29-33.	1.8	35

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73	Enhancing Insights into Pulmonary Vascular Disease through a Precision Medicine Approach. A Joint NHLBIâ€ Cardiovascular Medical Research and Education Fund Workshop Report. American Journal of Respiratory and Critical Care Medicine, 2017, 195, 1661-1670.	5.6	59
74	Interdisciplinary Care of Children with Severe Bronchopulmonary Dysplasia. Journal of Pediatrics, 2017, 181, 12-28.e1.	1.8	286
75	Evaluation and Management of Pulmonary Hypertension in Children with Bronchopulmonary Dysplasia. Journal of Pediatrics, 2017, 188, 24-34.e1.	1.8	175
76	Fetal Vascular Origins of Bronchopulmonary Dysplasia. Journal of Pediatrics, 2017, 185, 7-10.e1.	1.8	23
77	Automatic and adaptive heterogeneous refractive index compensation for light-sheet microscopy. Nature Communications, 2017, 8, 612.	12.8	21
78	Quantifying three-dimensional rodent retina vascular development using optical tissue clearing and light-sheet microscopy. Journal of Biomedical Optics, 2017, 22, 1.	2.6	24
79	Chronic Pulmonary Insufficiency of Prematurity: Developing Optimal Endpoints for Drug Development. Journal of Pediatrics, 2017, 191, 15-21.e1.	1.8	108
80	Prominent Intrapulmonary Bronchopulmonary Anastomoses and Abnormal Lung Development in Infants and Children with Down Syndrome. Journal of Pediatrics, 2017, 180, 156-162.e1.	1.8	65
81	Retrospective Analysis of an Interdisciplinary Ventilator Care Program Intervention on Survival of Infants with Ventilator-Dependent Bronchopulmonary Dysplasia. American Journal of Perinatology, 2017, 34, 155-163.	1.4	32
82	Translational Advances in the Field of Pulmonary Hypertension on Developmental Origins and Disease Inception for the Prevention of Pulmonary Hypertension. American Journal of Respiratory and Critical Care Medicine, 2017, 195, 292-301.	5.6	42
83	Airway Microbial Community Turnover Differs by BPD Severity in Ventilated Preterm Infants. PLoS ONE, 2017, 12, e0170120.	2.5	62
84	The Relationship of Novel Plasma Proteins in the Early Neonatal Period With Retinopathy of Prematurity. , 2016, 57, 5076.		20
85	Initiation of Breathing at Birth. , 2016, , 164-186.		2
86	Hepatocyte growth factor as a downstream mediator of vascular endothelial growth factor-dependent preservation of growth in the developing lung. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 310, L1098-L1110.	2.9	38
87	Intrapulmonary Bronchopulmonary Anastomoses and Plexiform Lesions in Idiopathic Pulmonary Arterial Hypertension. American Journal of Respiratory and Critical Care Medicine, 2016, 193, 574-576.	5.6	58
88	There Is No â€in Team: New Challenges for Career Development in the Era of Team Science. Journal of Pediatrics, 2016, 177, 4-5.	1.8	9
89	Characterization of CMR-derived haemodynamic data in children with pulmonary arterial hypertension. European Heart Journal Cardiovascular Imaging, 2016, 18, jew152.	1.2	24
90	Endothelin-1â€Rho kinase interactions impair lung structure and cause pulmonary hypertension after bleomycin exposure in neonatal rat pups. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 311, L1090-L1100.	2.9	14

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91	Early Development of the Mammalian Lung-Branching Morphogenesis. , 2016, , 22-33.		3
92	Pulmonary Vascular Development. , 2016, , 34-57.		4
93	Environmental Effects on Lung Morphogenesis and Function:. , 2016, , 77-93.		2
94	Lung Structure at Preterm and Term Birth. , 2016, , 126-140.		13
95	Surfactant During Lung Development. , 2016, , 141-163.		0
96	Perinatal Modifiers of Lung Structure and Function. , 2016, , 187-204.		1
97	Lung Growth Through the "Life Course"and Predictors and Determinants of Chronic Respiratory Disorders. , 2016, , 286-302.		3
98	Persistent Challenges in Pediatric Pulmonary Hypertension. Chest, 2016, 150, 226-236.	0.8	23
99	VEGF and endothelium-derived retinoic acid regulate lung vascular and alveolar development. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 310, L287-L298.	2.9	63
100	Recommendations for the Use of Inhaled Nitric Oxide Therapy in Premature Newborns with Severe Pulmonary Hypertension. Journal of Pediatrics, 2016, 170, 312-314.	1.8	70
101	Pulmonary Vascular Disease in Bronchopulmonary Dysplasia. Advances in Pulmonary Hypertension, 2016, 15, 92-99.	0.1	7
102	Intrapulmonary vascular shunt pathways in alveolar capillary dysplasia with misalignment of pulmonary veins. Thorax, 2015, 70, 84-85.	5.6	45
103	Beyond the 6-Minute Walk Test for Assessing Pediatric Pulmonary Hypertension. Chest, 2015, 148, 576-577.	0.8	3
104	Pediatric Pulmonary Hypertension. Circulation, 2015, 132, 2037-2099.	1.6	879
105	Greater Risk of Hospitalization in Children With Down Syndrome and OSA at Higher Elevation. Chest, 2015, 147, 1344-1351.	0.8	11
106	Intrauterine endotoxin-induced impairs pulmonary vascular function and right ventricular performance in infant rats and improvement with early vitamin D therapy. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2015, 309, L1438-L1446.	2.9	13
107	Altered pulmonary artery endothelial"smooth muscle cell interactions in experimental congenital diaphragmatic hernia. Pediatric Research, 2015, 77, 511-519.	2.3	16
108	Maturation Changes in Diastolic Longitudinal Myocardial Velocity in Preterm Infants. Journal of the American Society of Echocardiography, 2015, 28, 1045-1052.	2.8	31

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109	Placental Insufficiency Decreases Pancreatic Vascularity and Disrupts Hepatocyte Growth Factor Signaling in the Pancreatic Islet Endothelial Cell in Fetal Sheep. <i>Diabetes</i> , 2015, 64, 555-564.	0.6	39
110	Histologic Evidence of Intrapulmonary Bronchopulmonary Anastomotic Pathways in Neonates with Meconium Aspiration Syndrome. <i>Journal of Pediatrics</i> , 2015, 167, 1445-1447.	1.8	10
111	Pulmonary Hypertension and Vascular Abnormalities in Bronchopulmonary Dysplasia. <i>Clinics in Perinatology</i> , 2015, 42, 839-855.	2.1	156
112	Early Pulmonary Vascular Disease in Preterm Infants at Risk for Bronchopulmonary Dysplasia. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015, 191, 87-95.	5.6	336
113	Histologic Identification of Prominent Intrapulmonary Anastomotic Vessels in Severe Congenital Diaphragmatic Hernia. <i>Journal of Pediatrics</i> , 2015, 166, 178-183.	1.8	30
114	Pulmonary Hypertension in Preterm Infants with Bronchopulmonary Dysplasia. <i>Pediatric, Allergy, Immunology, and Pulmonology</i> , 2014, 27, 8-16.	0.8	106
115	Interdisciplinary care for ventilator-dependent infants with chronic lung disease. <i>Journal of Pediatrics</i> , 2014, 165, 1274-1275.	1.8	8
116	Three-Dimensional Reconstruction Identifies Misaligned Pulmonary Veins as Intrapulmonary Shunt Vessels in Alveolar Capillary Dysplasia. <i>Journal of Pediatrics</i> , 2014, 164, 192-195.	1.8	45
117	Effects of Early Inhaled Nitric Oxide Therapy and Vitamin A Supplementation on the Risk for Bronchopulmonary Dysplasia in Premature Newborns with Respiratory Failure. <i>Journal of Pediatrics</i> , 2014, 164, 744-748.	1.8	41
118	Patching the Pipeline: Creation and Retention of the Next Generation of Physician-Scientists for Child Health Research. <i>Journal of Pediatrics</i> , 2014, 165, 882-884.e1.	1.8	17
119	Bronchopulmonary Dysplasia: NHLBI Workshop on the Primary Prevention of Chronic Lung Diseases. <i>Annals of the American Thoracic Society</i> , 2014, 11, S146-S153.	3.2	206
120	Vasopressin Improves Hemodynamic Status in Infants with Congenital Diaphragmatic Hernia. <i>Journal of Pediatrics</i> , 2014, 165, 53-58.e1.	1.8	48
121	Nitric Oxide Deficiency and Endothelial Dysfunction in Pulmonary Arterial Hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 188, 639-646.	5.6	165
122	Pediatric Pulmonary Hypertension. <i>Journal of the American College of Cardiology</i> , 2013, 62, D117-D126.	2.8	451
123	Implications of the U.S. Food and Drug Administration Warning against the Use of Sildenafil for the Treatment of Pediatric Pulmonary Hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 187, 572-575.	5.6	99
124	Histologic Evidence of Intrapulmonary Anastomoses by Three-Dimensional Reconstruction in Severe Bronchopulmonary Dysplasia. <i>Annals of the American Thoracic Society</i> , 2013, 10, 474-481.	3.2	62
125	Inhaled Nitric Oxide for the Treatment of Pulmonary Arterial Hypertension. <i>Handbook of Experimental Pharmacology</i> , 2013, 218, 257-276.	1.8	22
126	Excess soluble vascular endothelial growth factor receptor-1 in amniotic fluid impairs lung growth in rats: linking preeclampsia with bronchopulmonary dysplasia. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2012, 302, L36-L46.	2.9	129

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127	Cord blood angiogenic progenitor cells are decreased in bronchopulmonary dysplasia. <i>European Respiratory Journal</i> , 2012, 40, 1516-1522.	6.7	124
128	Intrauterine growth restriction decreases pulmonary alveolar and vessel growth and causes pulmonary artery endothelial cell dysfunction in vitro in fetal sheep. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2011, 301, L860-L871.	2.9	176
129	Pulmonary Vascular Disease and Bronchopulmonary Dysplasia: Evaluation and Treatment of Pulmonary Hypertension. <i>NeoReviews</i> , 2011, 12, e645-e651.	0.8	8
130	A Consensus Approach to the Classification of Pediatric Pulmonary Hypertensive Vascular Disease: Report from the PVRI Pediatric Taskforce, Panama 2011. <i>Pulmonary Circulation</i> , 2011, 1, 286-298.	1.7	215
131	Approach to the Child With Pulmonary Hypertension and Bronchopulmonary Dysplasia. <i>Advances in Pulmonary Hypertension</i> , 2011, 10, 98-103.	0.1	1
132	Pulmonary hypertension in children: A historical overview. <i>Pediatric Critical Care Medicine</i> , 2010, 11, S4-S9.	0.5	25
133	Scope and Impact of Early and Late Preterm Infants Admitted to the PICU with Respiratory Illness. <i>Journal of Pediatrics</i> , 2010, 157, 209-214.e1.	1.8	57
134	Moderate postnatal hyperoxia accelerates lung growth and attenuates pulmonary hypertension in infant rats after exposure to intra-amniotic endotoxin. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2010, 299, L735-L748.	2.9	57
135	Impaired Vascular Endothelial Growth Factor Signaling in the Pathogenesis of Neonatal Pulmonary Vascular Disease. <i>Advances in Experimental Medicine and Biology</i> , 2010, 661, 323-335.	1.6	84
136	Towards improving the care of children with pulmonary hypertension: The rationale for developing a Pediatric Pulmonary Hypertension Network. <i>Progress in Pediatric Cardiology</i> , 2009, 27, 3-6.	0.4	29
137	Left Ventricular Diastolic Dysfunction in Bronchopulmonary Dysplasia. <i>Journal of Pediatrics</i> , 2008, 152, 291-293.	1.8	72
138	Impaired VEGF and nitric oxide signaling after nitrofen exposure in rat fetal lung explants. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2008, 294, L110-L120.	2.9	29
139	Chronic intrauterine pulmonary hypertension increases endothelial cell Rho kinase activity and impairs angiogenesis in vitro. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2008, 295, L680-L687.	2.9	32
140	A new population of bone marrow cells restores lung growth in a model of Bronchopulmonary Dysplasia (BPD). <i>FASEB Journal</i> , 2008, 22, 1197.1.	0.5	0
141	Hypoxia-inducible factors HIF-1 α and HIF-2 α are decreased in an experimental model of severe respiratory distress syndrome in preterm lambs. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2007, 292, L1345-L1351.	2.9	56
142	Bronchopulmonary Dysplasia. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2007, 175, 978-985.	5.6	489
143	Inhaled Nitric Oxide in the Premature Newborn. <i>Journal of Pediatrics</i> , 2007, 151, 10-15.	1.8	42
144	Pulmonary hypertension in older children: New approaches and therapies. <i>Paediatric Respiratory Reviews</i> , 2006, 7, S177-S179.	1.8	6

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145	Inhaled NO restores lung structure in eNOS-deficient mice recovering from neonatal hypoxia. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2006, 291, L119-L127.	2.9	89
146	Recombinant human VEGF treatment transiently increases lung edema but enhances lung structure after neonatal hyperoxia. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2006, 291, L1068-L1078.	2.9	101
147	Early Inhaled Nitric Oxide Therapy in Premature Newborns with Respiratory Failure. New England Journal of Medicine, 2006, 355, 354-364.	27.0	343
148	rhVEGF treatment preserves pulmonary vascular reactivity and structure in an experimental model of pulmonary hypertension in fetal sheep. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2005, 289, L315-L321.	2.9	26
149	Recombinant human VEGF treatment enhances alveolarization after hyperoxic lung injury in neonatal rats. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2005, 289, L529-L535.	2.9	186
150	Inhaled Nitric Oxide Enhances Distal Lung Growth after Exposure to Hyperoxia in Neonatal Rats. Pediatric Research, 2005, 58, 22-29.	2.3	168
151	Pulmonary Vascular Effects of Inhaled Nitric Oxide and Oxygen Tension in Bronchopulmonary Dysplasia. American Journal of Respiratory and Critical Care Medicine, 2004, 170, 1006-1013.	5.6	181
152	Noninvasive delivery of inhaled nitric oxide therapy for late pulmonary hypertension in newborn infants with congenital diaphragmatic hernia. Journal of Pediatrics, 2003, 142, 397-401.	1.8	93
153	The pulmonary circulation in bronchopulmonary dysplasia. Seminars in Fetal and Neonatal Medicine, 2003, 8, 51-61.	2.7	77
154	Future treatment of pulmonary vascular diseases. , 2003, , 504-516.		0
155	Intrauterine hypertension decreases lung VEGF expression and VEGF inhibition causes pulmonary hypertension in the ovine fetus. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2003, 284, L508-L517.	2.9	86
156	Vascular Endothelial Growth Factor: Not Only for Vessels Anymore. Pediatric Research, 2003, 53, 1-1.	2.3	13
157	Treatment of newborn rats with a VEGF receptor inhibitor causes pulmonary hypertension and abnormal lung structure. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2002, 283, L555-L562.	2.9	330
158	Cotyledon and binucleate cell nitric oxide synthase expression in an ovine model of fetal growth restriction. Journal of Applied Physiology, 2001, 90, 2420-2426.	2.5	28
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