

Vineet Bhandari, Dm

List of Publications by Year in descending order

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Version: 2024-02-01

208
papers

10,049
citations

34016

52
h-index

43802

91
g-index

267
all docs

267
docs citations

267
times ranked

9392
citing authors

#	ARTICLE	IF	CITATIONS
1	Early CPAP versus Surfactant in Extremely Preterm Infants. <i>New England Journal of Medicine</i> , 2010, 362, 1970-1979.	13.9	1,022
2	Vascular endothelial growth factor (VEGF) induces remodeling and enhances TH2-mediated sensitization and inflammation in the lung. <i>Nature Medicine</i> , 2004, 10, 1095-1103.	15.2	549
3	Hyperoxia causes angiotensin II-mediated acute lung injury and necrotic cell death. <i>Nature Medicine</i> , 2006, 12, 1286-1293.	15.2	307
4	Familial and Genetic Susceptibility to Major Neonatal Morbidities in Preterm Twins. <i>Pediatrics</i> , 2006, 117, 1901-1906.	1.0	298
5	Pitfalls, Problems, and Progress in Bronchopulmonary Dysplasia. <i>Pediatrics</i> , 2009, 123, 1562-1573.	1.0	210
6	Animal models of bronchopulmonary dysplasia. The term mouse models. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2014, 307, L936-L947.	1.3	208
7	The Human Neonatal Gut Microbiome: A Brief Review. <i>Frontiers in Pediatrics</i> , 2015, 3, 17.	0.9	207
8	Understanding the Impact of Infection, Inflammation, and Their Persistence in the Pathogenesis of Bronchopulmonary Dysplasia. <i>Frontiers in Medicine</i> , 2015, 2, 90.	1.2	153
9	Proteomic Profiling of the Amniotic Fluid to Detect Inflammation, Infection, and Neonatal Sepsis. <i>PLoS Medicine</i> , 2007, 4, e18.	3.9	152
10	Hematologic Profile of Sepsis in Neonates: Neutrophil CD64 as a Diagnostic Marker. <i>Pediatrics</i> , 2008, 121, 129-134.	1.0	151
11	Hyperoxia-derived lung damage in preterm infants. <i>Seminars in Fetal and Neonatal Medicine</i> , 2010, 15, 223-229.	1.1	148
12	Comparative Microbial Analysis of Paired Amniotic Fluid and Cord Blood from Pregnancies Complicated by Preterm Birth and Early-Onset Neonatal Sepsis. <i>PLoS ONE</i> , 2013, 8, e56131.	1.1	143
13	The Airway Microbiome at Birth. <i>Scientific Reports</i> , 2016, 6, 31023.	1.6	139
14	Cytokines in tolerance to hyperoxia-induced injury in the developing and adult lung. <i>Free Radical Biology and Medicine</i> , 2006, 41, 4-18.	1.3	136
15	Early gestational mesenchymal stem cell secretome attenuates experimental bronchopulmonary dysplasia in part via exosome-associated factor TSG-6. <i>Stem Cell Research and Therapy</i> , 2018, 9, 173.	2.4	133
16	Current Incidence of Retinopathy of Prematurity, 1989-1997. <i>Pediatrics</i> , 1999, 104, e26-e26.	1.0	127
17	Genetic Susceptibility to Retinopathy of Prematurity. <i>Pediatrics</i> , 2006, 118, 1858-1863.	1.0	112
18	Changing Referral Trends of Acute Pancreatitis in Children: A 12-year Single-center Analysis. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2009, 49, 316-322.	0.9	111

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19	Noninvasive Ventilation for Respiratory Distress Syndrome: A Randomized Controlled Trial. <i>Pediatrics</i> , 2011, 127, 300-307.	1.0	109
20	Morphine Administration and Short-term Pulmonary Outcomes Among Ventilated Preterm Infants. <i>Pediatrics</i> , 2005, 116, 352-359.	1.0	101
21	Essential role of nitric oxide in VEGF-induced, asthma-like angiogenic, inflammatory, mucus, and physiologic responses in the lung. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 11021-11026.	3.3	101
22	Proteomic Biomarkers of Intra-amniotic Inflammation: Relationship with Funisitis and Early-onset Sepsis in the Premature Neonate. <i>Pediatric Research</i> , 2007, 61, 318-324.	1.1	100
23	ELEVATED SERUM ANGIOPOIETIN 2 LEVELS ARE ASSOCIATED WITH INCREASED MORTALITY IN SEPSIS. <i>Shock</i> , 2009, 31, 348-353.	1.0	100
24	Hyperoxia causes miR-34a-mediated injury via angiotensin-1 in neonatal lungs. <i>Nature Communications</i> , 2017, 8, 1173.	5.8	100
25	The Chitinase-like Proteins Breast Regression Protein-39 and YKL-40 Regulate Hyperoxia-induced Acute Lung Injury. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010, 182, 918-928.	2.5	99
26	A Comparison of Presentation and Management Trends in Acute Pancreatitis Between Infants/Toddlers and Older Children. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2010, 51, 167-170.	0.9	98
27	Diagnosis and management of bronchopulmonary dysplasia. <i>BMJ, The</i> , 2021, 375, n1974.	3.0	97
28	The Genetics of Bronchopulmonary Dysplasia. <i>Seminars in Perinatology</i> , 2006, 30, 185-191.	1.1	95
29	Synchronized Nasal Intermittent Positive-Pressure Ventilation and Neonatal Outcomes. <i>Pediatrics</i> , 2009, 124, 517-526.	1.0	92
30	Postnatal inflammation in the pathogenesis of bronchopulmonary dysplasia. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2014, 100, 189-201.	1.6	92
31	Exosomal microRNA predicts and protects against severe bronchopulmonary dysplasia in extremely premature infants. <i>JCI Insight</i> , 2018, 3, .	2.3	89
32	Molecular mechanisms of hyperoxia-induced acute lung injury. <i>Frontiers in Bioscience - Landmark</i> , 2008, Volume, 6653.	3.0	81
33	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
34	Intrapartum fever at term: Serum and histologic markers of inflammation. <i>American Journal of Obstetrics and Gynecology</i> , 2003, 188, 269-274.	0.7	77
35	Characterization of RAGE, HMGB1, and S100 β in Inflammation-Induced Preterm Birth and Fetal Tissue Injury. <i>American Journal of Pathology</i> , 2009, 175, 958-975.	1.9	77
36	An Analysis of MIF Structural Features that Control Functional Activation of CD74. <i>Chemistry and Biology</i> , 2015, 22, 1197-1205.	6.2	73

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37	Biomarkers in Bronchopulmonary Dysplasia. Paediatric Respiratory Reviews, 2013, 14, 173-179.	1.2	71
38	Effective Biomarkers for Diagnosis of Neonatal Sepsis. Journal of the Pediatric Infectious Diseases Society, 2014, 3, 234-245.	0.6	71
39	Developmental Regulation of NO-Mediated VEGF-Induced Effects in the Lung. American Journal of Respiratory Cell and Molecular Biology, 2008, 39, 420-430.	1.4	70
40	Targeting mitochondrial dysfunction in lung diseases: emphasis on mitophagy. Frontiers in Physiology, 2013, 4, 384.	1.3	70
41	Developmental differences in the responses of IL-6 and IL-13 transgenic mice exposed to hyperoxia. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2007, 293, L142-L150.	1.3	69
42	A Prospective Observational Pilot Study of Synchronized Nasal Intermittent Positive Pressure Ventilation (SNIPPV) as a Primary Mode of Ventilation in Infants \leq 28 Weeks with Respiratory Distress Syndrome (RDS). Journal of Perinatology, 2004, 24, 487-493.	0.9	66
43	Hyperoxia and Interferon- γ -Induced Injury in Developing Lungs Occur via Cyclooxygenase-2 and the Endoplasmic Reticulum Stress-Dependent Pathway. American Journal of Respiratory Cell and Molecular Biology, 2013, 48, 749-757.	1.4	65
44	Inhibition of Regulatory-Associated Protein of Mechanistic Target of Rapamycin Prevents Hyperoxia-Induced Lung Injury by Enhancing Autophagy and Reducing Apoptosis in Neonatal Mice. American Journal of Respiratory Cell and Molecular Biology, 2016, 55, 722-735.	1.4	63
45	Using proteomics in perinatal and neonatal sepsis: hopes and challenges for the future. Current Opinion in Infectious Diseases, 2009, 22, 235-243.	1.3	62
46	Fatty Acid Binding Protein 4 Regulates VEGF-Induced Airway Angiogenesis and Inflammation in a Transgenic Mouse Model. American Journal of Pathology, 2013, 182, 1425-1433.	1.9	62
47	Targeting distinct tautomerase sites of Δ EDT and MIF with a single molecule for inhibition of neutrophil lung recruitment. FASEB Journal, 2014, 28, 4961-4971.	0.2	62
48	A Role for Matrix Metalloproteinase 9 in IFN γ -Mediated Injury in Developing Lungs. American Journal of Respiratory Cell and Molecular Biology, 2011, 44, 621-630.	1.4	60
49	Biomarkers for the diagnosis of neonatal sepsis and necrotizing enterocolitis: Clinical practice guidelines. Early Human Development, 2017, 105, 25-33.	0.8	60
50	Increased Hyperoxia-Induced Mortality and Acute Lung Injury in IL-13 Null Mice. Journal of Immunology, 2007, 178, 4993-5000.	0.4	57
51	Pulmonary Biomarkers of Bronchopulmonary Dysplasia. Biomarker Insights, 2008, 3, BMI.S834.	1.0	56
52	Leptin Enhances Lung Maturity in the Fetal Rat. Pediatric Research, 2006, 60, 200-204.	1.1	55
53	A Role for Macrophage Migration Inhibitory Factor in the Neonatal Respiratory Distress Syndrome. Journal of Immunology, 2008, 180, 601-608.	0.4	54
54	The potential of non-invasive ventilation to decrease BPD. Seminars in Perinatology, 2013, 37, 108-114.	1.1	54

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55	Conditional overexpression of TGF β 21 promotes pulmonary inflammation, apoptosis and mortality via TGF β 2R2 in the developing mouse lung. <i>Respiratory Research</i> , 2015, 16, 4.	1.4	54
56	Impact of Early Extubation and Reintubation on the Incidence of Bronchopulmonary Dysplasia in Neonates. <i>American Journal of Perinatology</i> , 2014, 31, 1063-1072.	0.6	53
57	Proteomics Mapping of Cord Blood Identifies Haptoglobin α Switch-On β Pattern as Biomarker of Early-Onset Neonatal Sepsis in Preterm Newborns. <i>PLoS ONE</i> , 2011, 6, e26111.	1.1	51
58	The definition of bronchopulmonary dysplasia: an evolving dilemma. <i>Pediatric Research</i> , 2018, 84, 586-588.	1.1	51
59	Novel Characterization of Drug-associated Pancreatitis in Children. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2011, 53, 423-428.	0.9	51
60	Neutrophil CD64 as a Diagnostic Marker in Neonatal Sepsis. <i>Pediatric Infectious Disease Journal</i> , 2012, 31, 777-781.	1.1	49
61	Genomics, microbiomics, proteomics, and metabolomics in bronchopulmonary dysplasia. <i>Seminars in Perinatology</i> , 2018, 42, 425-431.	1.1	49
62	Genetic Strain and Sex Differences in a Hyperoxia-Induced Mouse Model of Varying Severity of Bronchopulmonary Dysplasia. <i>American Journal of Pathology</i> , 2019, 189, 999-1014.	1.9	49
63	Structure, function and five basic needs of the global health research system. <i>Journal of Global Health</i> , 2016, 6, 010508.	1.2	48
64	Early airway microbial metagenomic and metabolomic signatures are associated with development of severe bronchopulmonary dysplasia. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2018, 315, L810-L815.	1.3	48
65	Effect of Introduction of Synchronized Nasal Intermittent Positive-Pressure Ventilation in a Neonatal Intensive Care Unit on Bronchopulmonary Dysplasia and Growth in Preterm Infants. <i>American Journal of Perinatology</i> , 2006, 23, 233-240.	0.6	47
66	Genetic Contribution to Patent Ductus Arteriosus in the Premature Newborn. <i>Pediatrics</i> , 2009, 123, 669-673.	1.0	46
67	Clinical Correlations in Infants in the Neonatal Intensive Care Unit With Varying Severity of Gastroesophageal Reflux. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2001, 32, 45-49.	0.9	44
68	Clinical and Laboratory Factors That Predict Death in Very Low Birth Weight Infants Presenting With Late-onset Sepsis. <i>Pediatric Infectious Disease Journal</i> , 2014, 33, 143-146.	1.1	44
69	Angiotensin-2 Confers Atheroprotection in apoE ^{0/0} Mice by Inhibiting LDL Oxidation via Nitric Oxide. <i>Circulation Research</i> , 2009, 104, 1333-1336.	2.0	43
70	VEGF levels in humans and animal models with RDS and BPD: Temporal relationships. <i>Experimental Lung Research</i> , 2012, 38, 192-203.	0.5	43
71	Small molecular modulation of macrophage migration inhibitory factor in the hyperoxia-induced mouse model of bronchopulmonary dysplasia. <i>Respiratory Research</i> , 2013, 14, 27.	1.4	43
72	Need for Supplemental Oxygen at Discharge in Infants with Bronchopulmonary Dysplasia Is Not Associated with Worse Neurodevelopmental Outcomes at 3 Years Corrected Age. <i>PLoS ONE</i> , 2014, 9, e90843.	1.1	43

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73	Risk Factors Associated With Biliary Pancreatitis in Children. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2012, 54, 651-656.	0.9	42
74	Evaluation of Antioxidant Effectiveness of a Few Herbal Plants. <i>Free Radical Research</i> , 1997, 27, 221-228.	1.5	40
75	Fetal Adrenal Gland Volume and Cortisol/Dehydroepiandrosterone Sulfate Ratio in Inflammation-Associated Preterm Birth. <i>Obstetrics and Gynecology</i> , 2008, 111, 715-722.	1.2	40
76	MIF intersubunit disulfide mutant antagonist supports activation of CD74 by endogenous MIF trimer at physiologic concentrations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 10994-10999.	3.3	39
77	Surfactant, steroids and non-invasive ventilation in the prevention of BPD. <i>Seminars in Perinatology</i> , 2018, 42, 444-452.	1.1	39
78	The Neurodevelopmental Perspective of Surgical Necrotizing Enterocolitis: The Role of the Gut-Brain Axis. <i>Mediators of Inflammation</i> , 2018, 2018, 1-8.	1.4	39
79	A Critical Regulatory Role for Macrophage Migration Inhibitory Factor in Hyperoxia-Induced Injury in the Developing Murine Lung. <i>PLoS ONE</i> , 2013, 8, e60560.	1.1	38
80	Morbidity and Mortality of Preterm Twins and Higher-Order Multiple Births. <i>Journal of Perinatology</i> , 2001, 21, 293-299.	0.9	37
81	A potential role of the JNK pathway in hyperoxia-induced cell death, myofibroblast transdifferentiation and TGF- β 1-mediated injury in the developing murine lung. <i>BMC Cell Biology</i> , 2011, 12, 54.	3.0	37
82	A functional ATG16L1 (T300A) variant is associated with necrotizing enterocolitis in premature infants. <i>Pediatric Research</i> , 2017, 81, 582-588.	1.1	36
83	Hyperoxia Exacerbates Postnatal Inflammation-Induced Lung Injury in Neonatal BRP-39 Null Mutant Mice Promoting the M1 Macrophage Phenotype. <i>Mediators of Inflammation</i> , 2013, 2013, 1-12.	1.4	35
84	Systematic use of the RAM nasal cannula in the Yale "New Haven Children's Hospital Neonatal Intensive Care Unit: a quality improvement project. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2015, 28, 718-721.	0.7	35
85	Which Biomarkers Reveal Neonatal Sepsis?. <i>PLoS ONE</i> , 2013, 8, e82700.	1.1	33
86	Increased Hyperoxia-Induced Lung Injury in Nitric Oxide Synthase 2 Null Mice Is Mediated via Angiopoietin 2. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2012, 46, 668-676.	1.4	32
87	Noninvasive Respiratory Support in the Preterm Infant. <i>Clinics in Perinatology</i> , 2012, 39, 497-511.	0.8	32
88	Nanosecond Dynamics Regulate the MIF-Induced Activity of CD74. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 7116-7119.	7.2	32
89	The Genetic Susceptibility to Respiratory Distress Syndrome. <i>Pediatric Research</i> , 2009, 66, 693-697.	1.1	31
90	"New" Bronchopulmonary Dysplasia. <i>Clinical Pulmonary Medicine</i> , 2011, 18, 137-143.	0.3	31

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91	BPD Following Preterm Birth: A Model for Chronic Lung Disease and a Substrate for ARDS in Childhood. <i>Frontiers in Pediatrics</i> , 2016, 4, 60.	0.9	31
92	Comparison of non-synchronized nasal intermittent positive pressure ventilation versus nasal continuous positive airway pressure as post-extubation respiratory support in preterm infants with respiratory distress syndrome: a randomized controlled trial. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2016, 29, 1546-1551.	0.7	31
93	Identification of new biomarkers of bronchopulmonary dysplasia using metabolomics. <i>Metabolomics</i> , 2019, 15, 20.	1.4	31
94	Gastroschisis: A State-of-the-Art Review. <i>Children</i> , 2020, 7, 302.	0.6	31
95	Improved Outcome of Extremely Low Birth Weight Infants with Tegaderm® Application to Skin. <i>Journal of Perinatology</i> , 2005, 25, 276-281.	0.9	30
96	Surfactant Protein-A (SP-A) Selectively Inhibits Prostaglandin F ₂ ± (PGF ₂ ±) Production in Term Decidua: Implications for the Onset of Labor. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011, 96, E624-E632.	1.8	29
97	Neutrophil CD64 with Hematologic Criteria for Diagnosis of Neonatal Sepsis. <i>American Journal of Perinatology</i> , 2014, 31, 021-030.	0.6	29
98	MicroRNA-34a Promotes Endothelial Dysfunction and Mitochondrial-mediated Apoptosis in Murine Models of Acute Lung Injury. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2019, 60, 465-477.	1.4	29
99	Factors associated with development of early and late pulmonary hypertension in preterm infants with bronchopulmonary dysplasia. <i>Journal of Perinatology</i> , 2020, 40, 138-148.	0.9	29
100	Recent advances in understanding and management of bronchopulmonary dysplasia. <i>F1000Research</i> , 2020, 9, 703.	0.8	29
101	IFN-β and IP-10 in tracheal aspirates from premature infants: Relationship with bronchopulmonary dysplasia. <i>Pediatric Pulmonology</i> , 2013, 48, 8-13.	1.0	27
102	Novel Chitohexaose Analog Protects Young and Aged mice from CLP Induced Polymicrobial Sepsis. <i>Scientific Reports</i> , 2019, 9, 2904.	1.6	27
103	Novel biomarkers of bronchopulmonary dysplasia and bronchopulmonary dysplasia-associated pulmonary hypertension. <i>Journal of Perinatology</i> , 2020, 40, 1634-1643.	0.9	27
104	Fetal Heart Rate Monitoring Patterns in Women with Amniotic Fluid Proteomic Profiles Indicative of Inflammation. <i>American Journal of Perinatology</i> , 2008, 25, 359-372.	0.6	26
105	Potential Biochemical Growth Markers in Premature Infants. <i>American Journal of Perinatology</i> , 1999, 16, 339-349.	0.6	25
106	Pulmonary Expression of Leukemia Inhibitory Factor Induces B Cell Hyperplasia and Confers Protection in Hyperoxia. <i>Journal of Biological Chemistry</i> , 2003, 278, 31226-31232.	1.6	25
107	Outcomes in COVID-19 Positive Neonates and Possibility of Viral Vertical Transmission: A Narrative Review. <i>American Journal of Perinatology</i> , 2020, 37, 1208-1216.	0.6	25
108	Antenatal Steroid Use is Associated with Increased Gastroesophageal Reflux in Neonates. <i>American Journal of Perinatology</i> , 2003, 20, 205-214.	0.6	23

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109	Biomarkers in neonatology: the new "omics" of bronchopulmonary dysplasia. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2015, 29, 1-7.	0.7	23
110	Components of the antepartum, intrapartum, and postpartum exposome impact on distinct short-term adverse neonatal outcomes of premature infants: A prospective cohort study. <i>PLoS ONE</i> , 2018, 13, e0207298.	1.1	23
111	TREM-1 Attenuates RIPK3-mediated Necroptosis in Hyperoxia-induced Lung Injury in Neonatal Mice. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2019, 60, 308-322.	1.4	23
112	Developmental differences in the role of interleukins in hyperoxic lung injury in animal models. <i>Frontiers in Bioscience - Landmark</i> , 2002, 7, d1624-1633.	3.0	22
113	Cord blood erythropoietin and interleukin-6 for prediction of intraventricular hemorrhage in the preterm neonate. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2011, 24, 673-679.	0.7	22
114	Metabolomics of bronchopulmonary dysplasia. <i>Clinica Chimica Acta</i> , 2020, 500, 109-114.	0.5	22
115	The Role of Angiotensin II in Hyperoxia-Induced Acute Lung Injury. <i>Cell Cycle</i> , 2007, 6, 1049-1052.	1.3	21
116	Amniotic Fluid Angiotensin-1, Angiotensin-2, and Soluble Receptor Type 1 Endothelial Cell Kinase-2 Levels and Regulation in Normal Pregnancy and Intraamniotic Inflammation-Induced Preterm Birth. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010, 95, 3428-3436.	1.8	21
117	Type and Timing of Ventilation in the First Postnatal Week is Associated with Bronchopulmonary Dysplasia/Death. <i>American Journal of Perinatology</i> , 2011, 28, 321-330.	0.6	21
118	Particle streak velocimetry-optical coherence tomography: a novel method for multidimensional imaging of microscale fluid flows. <i>Biomedical Optics Express</i> , 2016, 7, 1590.	1.5	20
119	Limiting the Exposure of Select Fetuses to Intrauterine Infection/Inflammation Improves Short-Term Neonatal Outcomes in Preterm Premature Rupture of Membranes. <i>Fetal Diagnosis and Therapy</i> , 2017, 42, 99-110.	0.6	20
120	Iloprost attenuates hyperoxia-mediated impairment of lung development in newborn mice. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2018, 315, L535-L544.	1.3	20
121	Adiponectin deficiency induces mitochondrial dysfunction and promotes endothelial activation and pulmonary vascular injury. <i>FASEB Journal</i> , 2019, 33, 13617-13631.	0.2	20
122	How to decrease bronchopulmonary dysplasia in your neonatal intensive care unit today and "tomorrow". <i>F1000Research</i> , 2017, 6, 539.	0.8	20
123	Role of Nitric Oxide Isoforms in Vascular and Alveolar Development and Lung Injury in Vascular Endothelial Growth Factor Overexpressing Neonatal Mice Lungs. <i>PLoS ONE</i> , 2016, 11, e0147588.	1.1	19
124	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.	0.6	19
125	Inhibition of microRNA-451 is associated with increased expression of Macrophage Migration Inhibitory Factor and mitigation of the cardio-pulmonary phenotype in a murine model of Bronchopulmonary Dysplasia. <i>Respiratory Research</i> , 2020, 21, 92.	1.4	19
126	Impact of Histological Chorioamnionitis on Tracheal Aspirate Cytokines in Premature Infants. <i>American Journal of Perinatology</i> , 2012, 29, 567-72.	0.6	18

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127	Developmental differences in the role of interleukins in hyperoxic lung injury in animal models. <i>Frontiers in Bioscience - Landmark</i> , 2002, 7, d1624.	3.0	18
128	Circulating stem cells in extremely preterm neonates. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2007, 96, 521-525.	0.7	17
129	Angiopoietin-1, Angiopoietin-2 and Bicarbonate as Diagnostic Biomarkers in Children with Severe Sepsis. <i>PLoS ONE</i> , 2014, 9, e108461.	1.1	17
130	Sirtuin1 in tracheal aspirate leukocytes: possible role in the development of bronchopulmonary dysplasia in premature infants. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2012, 25, 1483-1487.	0.7	16
131	The Role of Surfactant Therapy in Nonrespiratory Distress Syndrome Conditions in Neonates. <i>American Journal of Perinatology</i> , 2016, 33, 001-008.	0.6	16
132	Hyperoxia causes miR199a-5p-mediated injury in the developing lung. <i>Pediatric Research</i> , 2019, 86, 579-588.	1.1	16
133	A Prospective Controlled Trial of Albuterol Aerosol Delivered Via Metered Dose Inhaler-Spacer Device (MDI) Versus Jet Nebulizer in Ventilated Preterm Neonates. <i>American Journal of Perinatology</i> , 2001, 18, 169-174.	0.6	15
134	Three-dimensional, three-vector-component velocimetry of cilia-driven fluid flow using correlation-based approaches in optical coherence tomography. <i>Biomedical Optics Express</i> , 2015, 6, 3515.	1.5	15
135	Noninvasive Ventilation in Newbornsâ€”1,500â€”g after Tracheal Extubation: Randomized Clinical Trial. <i>American Journal of Perinatology</i> , 2017, 34, 1190-1198.	0.6	14
136	â€œPressureâ€”to feed the preterm newborn: associated with â€œpositiveâ€”outcomes?. <i>Pediatric Research</i> , 2017, 82, 899-900.	1.1	14
137	Antenatal N-acetylcysteine to improve outcomes of premature infants with intra-amniotic infection and inflammation (Triple I): randomized clinical trial. <i>Pediatric Research</i> , 2021, 89, 175-184.	1.1	14
138	Non-Invasive Ventilatory Strategies to Decrease Bronchopulmonary Dysplasiaâ€”Where Are We in 2021?. <i>Children</i> , 2021, 8, 132.	0.6	14
139	Small Immunomodulatory Molecules as Potential Therapeutics in Experimental Murine Models of Acute Lung Injury (ALI)/Acute Respiratory Distress Syndrome (ARDS). <i>International Journal of Molecular Sciences</i> , 2021, 22, 2573.	1.8	14
140	Patho-mechanisms of the origins of bronchopulmonary dysplasia. <i>Molecular and Cellular Pediatrics</i> , 2021, 8, 21.	1.0	14
141	Drug Therapy Trials for the Prevention of Bronchopulmonary Dysplasia: Current and Future Targets. <i>Frontiers in Pediatrics</i> , 2014, 2, 76.	0.9	13
142	Hepcidin, an Iron Regulatory Hormone of Innate Immunity, is Differentially Expressed in Premature Fetuses with Early-Onset Neonatal Sepsis. <i>American Journal of Perinatology</i> , 2018, 35, 865-872.	0.6	13
143	<p>Neonatal sepsis biomarkers: where are we now?</p>. <i>Research and Reports in Neonatology</i> , 0, Volume 9, 9-20.	0.2	13
144	An omic approach to congenital diaphragmatic hernia: a pilot study of genomic, microRNA, and metabolomic profiling. <i>Journal of Perinatology</i> , 2020, 40, 952-961.	0.9	13

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145	Recurrent hypoinsulinemic hyperglycemia in neonatal rats increases PARP-1 and NF- κ B expression and leads to microglial activation in the cerebral cortex. <i>Pediatric Research</i> , 2015, 78, 513-519.	1.1	12
146	Predicting the likelihood of bronchopulmonary dysplasia in premature neonates. <i>Expert Review of Respiratory Medicine</i> , 2019, 13, 871-884.	1.0	12
147	The future in paediatric respirology. <i>Respirology</i> , 2010, 15, 733-741.	1.3	11
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