

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	A Cysteine Variant at an Allosteric Site Alters MIF Dynamics and Biological Function in Homo- and Heterotrimeric Assemblies. <i>Frontiers in Molecular Biosciences</i> , 2022, 9, 783669.	1.6	3
2	Stem cells in neonatal diseases: An overview. <i>Seminars in Fetal and Neonatal Medicine</i> , 2022, 27, 101325.	1.1	3
3	Introduction. <i>Seminars in Fetal and Neonatal Medicine</i> , 2022, 27, 101324.	1.1	0
4	Redox-dependent structure and dynamics of macrophage migration inhibitory factor reveal sites of latent allostery. <i>Structure</i> , 2022, 30, 840-850.e6.	1.6	7
5	Does Neonatal Sepsis Independently Increase Neurodevelopmental Impairment?. <i>Children</i> , 2022, 9, 568.	0.6	2
6	Moving bronchopulmonary dysplasia research from the bedside to the bench. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2022, 322, L804-L821.	1.3	7
7	Delayed Cord Clamping for 45 Seconds in Very Low Birth Weight Infants: Impact on Hemoglobin at Birth and Close to Discharge. <i>American Journal of Perinatology</i> , 2022, 0, .	0.6	2
8	A structurally preserved allosteric site in the MIF superfamily affects enzymatic activity and CD74 activation in Dopachrome tautomerase. <i>FASEB Journal</i> , 2022, 36, .	0.2	1
9	±1,3-Fucosyltransferase-IX, an enzyme of pulmonary endogenous lung stem cell marker SSEA-1, alleviates experimental bronchopulmonary dysplasia. <i>Pediatric Research</i> , 2021, 89, 1126-1135.	1.1	4
10	Can biomarkers be used to predict bronchopulmonary dysplasia?. <i>Jornal De Pediatria</i> , 2021, 97, 253-255.	0.9	1
11	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
12	Non-Invasive Ventilatory Strategies to Decrease Bronchopulmonary Dysplasia—Where Are We in 2021?. <i>Children</i> , 2021, 8, 132.	0.6	14
13	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
14	Adiponectin ameliorates hyperoxia-induced lung endothelial dysfunction and promotes angiogenesis in neonatal mice. <i>Pediatric Research</i> , 2021, ., .	1.1	4
15	Fluid balance in early postnatal life: Should we keep the babies dry to prevent bronchopulmonary dysplasia?. <i>Pediatric Research</i> , 2021, 90, 240-241.	1.1	4
16	miR34a: a novel small molecule regulator with a big role in bronchopulmonary dysplasia. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021, 321, L228-L235.	1.3	7
17	Chitin-Derived AVR-48 Prevents Experimental Bronchopulmonary Dysplasia (BPD) and BPD-Associated Pulmonary Hypertension in Newborn Mice. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8547.	1.8	6
18	Reticulocyte Count: The Forgotten Factor in Transfusion Decisions for Extremely Low Birth Weight Infants. <i>American Journal of Perinatology</i> , 2021, 0, .	0.6	1

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19	A structurally preserved allosteric site in the MIF superfamily affects enzymatic activity and CD74 activation in D-dopachrome tautomerase. <i>Journal of Biological Chemistry</i> , 2021, 297, 101061.	1.6	7
20	Reticulocyte Count: The Forgotten Factor in Transfusion Decisions for Extremely Low Birth Weight Infants. <i>American Journal of Perinatology</i> , 2021, , .	0.6	0
21	Diagnosis and management of bronchopulmonary dysplasia. <i>BMJ, The</i> , 2021, 375, n1974.	3.0	97
22	Patho-mechanisms of the origins of bronchopulmonary dysplasia. <i>Molecular and Cellular Pediatrics</i> , 2021, 8, 21.	1.0	14
23	Fetal Myocardial Function as Assessed by N-Terminal Fragment Brain Natriuretic Protein in Premature Fetuses Exposed to Intra-amniotic Inflammation. <i>American Journal of Perinatology</i> , 2020, 37, 745-753.	0.6	2
24	Neonatal Outcomes and Maternal Characteristics in Monochorionic Diamniotic Twin Pregnancies: Uncomplicated versus Twin-to-Twin Transfusion Syndrome Survivors after Fetoscopic Laser Surgery. <i>Fetal Diagnosis and Therapy</i> , 2020, 47, 165-170.	0.6	8
25	Metabolomics of bronchopulmonary dysplasia. <i>Clinica Chimica Acta</i> , 2020, 500, 109-114.	0.5	22
26	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
27	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
28	DNA Methylation Profile in Human Cord Blood Mononuclear Leukocytes From Term Neonates: Effects of Histological Chorioamnionitis. <i>Frontiers in Pediatrics</i> , 2020, 8, 437.	0.9	6
29	Novel biomarkers of bronchopulmonary dysplasia and bronchopulmonary dysplasia-associated pulmonary hypertension. <i>Journal of Perinatology</i> , 2020, 40, 1634-1643.	0.9	27
30	Gastroschisis: A State-of-the-Art Review. <i>Children</i> , 2020, 7, 302.	0.6	31
31	miR-184 mediates hyperoxia-induced injury by targeting cell death and angiogenesis signalling pathways in the developing lung. <i>European Respiratory Journal</i> , 2020, 58, 1901789.	3.1	8
32	Growth factors in the therapy of bronchopulmonary dysplasia. , 2020, , 149-168.		0
33	miRs “ Mere hype or master regulators in the therapy of BPD?. , 2020, , 193-205.		0
34	Animal Models of Bronchopulmonary Dysplasia. , 2020, , 33-44.		0
35	Epigenetics of Bronchopulmonary Dysplasia. , 2020, , 61-69.		0
36	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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37	Is bronchopulmonary dysplasia decided before birth?. <i>Pediatric Research</i> , 2020, 87, 809-810.	1.1	4
38	Assuring safe patient care in a level III NICU in anticipation of hospital closure. <i>Journal of Perinatology</i> , 2020, 40, 1719-1725.	0.9	0
39	Small Molecule Inhibitor Adjuvant Surfactant Therapy Attenuates Ventilator- and Hyperoxia-Induced Lung Injury in Preterm Rabbits. <i>Frontiers in Physiology</i> , 2020, 11, 266.	1.3	11
40	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
41	Chitin Analog AVR-25 Prevents Experimental Bronchopulmonary Dysplasia. <i>Journal of Pediatric Intensive Care</i> , 2020, 09, 225-232.	0.4	3
42	Recent advances in understanding and management of bronchopulmonary dysplasia. <i>F1000Research</i> , 2020, 9, 703.	0.8	29
43	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
44	Predicting the likelihood of bronchopulmonary dysplasia in premature neonates. <i>Expert Review of Respiratory Medicine</i> , 2019, 13, 871-884.	1.0	12
45	Use of Lung Ultrasound to Improve Timeliness of Surfactant Replacement in Respiratory Distress Syndrome: Are we Ready?. <i>Journal of Pediatrics</i> , 2019, 212, 8-10.	0.9	5
46	Hyperoxia causes miR199a-5p-mediated injury in the developing lung. <i>Pediatric Research</i> , 2019, 86, 579-588.	1.1	16
47	Adiponectin deficiency induces mitochondrial dysfunction and promotes endothelial activation and pulmonary vascular injury. <i>FASEB Journal</i> , 2019, 33, 13617-13631.	0.2	20
48	Toward the elimination of bias in <i>Pediatric Research</i> . <i>Pediatric Research</i> , 2019, 86, 680-681.	1.1	0
49	Identification of new biomarkers of bronchopulmonary dysplasia using metabolomics. <i>Metabolomics</i> , 2019, 15, 20.	1.4	31
50	Newborn Infant With Mothball Toxicity Due to Maternal Ingestion. <i>Pediatrics</i> , 2019, 143, e20183619.	1.0	7
51	Histological Chorioamnionitis Induces Differential Gene Expression in Human Cord Blood Mononuclear Leukocytes from Term Neonates. <i>Scientific Reports</i> , 2019, 9, 5862.	1.6	7
52	Designing a better definition of bronchopulmonary dysplasia. <i>Pediatric Pulmonology</i> , 2019, 54, 678-679.	1.0	7
53	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
54	Genetics of bronchopulmonary dysplasia: When things do not match up, it is only the beginning. <i>Journal of Pediatrics</i> , 2019, 208, 298-299.	0.9	8

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55	Novel Chitohexaose Analog Protects Young and Aged mice from CLP Induced Polymicrobial Sepsis. <i>Scientific Reports</i> , 2019, 9, 2904.	1.6	27
56	Angiotensin Level Trajectories in Toddlers With Severe Sepsis and Septic Shock and Their Effect on Capillary Endothelium. <i>Shock</i> , 2019, 51, 298-305.	1.0	11
57	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
58	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
59	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
60	Nanosecond Dynamics Regulate the MIF-induced Activity of CD74. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 7116-7119.	7.2	32
61	Mitochondrial Dysfunction in Bronchopulmonary Dysplasia. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 197, 1363-1363.	2.5	5
62	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
63	Risk factors for tracheostomy requirement in extremely low birth weight infants. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2018, 31, 447-452.	0.7	8
64	Use and timing of surfactant administration: impact on neonatal outcomes in extremely low gestational age infants born in Canadian Neonatal Intensive Care Units. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2018, 31, 2862-2869.	0.7	11
65	Introduction. <i>Seminars in Perinatology</i> , 2018, 42, 403.	1.1	1
66	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
67	Surfactant, steroids and non-invasive ventilation in the prevention of BPD. <i>Seminars in Perinatology</i> , 2018, 42, 444-452.	1.1	39
68	Genomics, microbiomics, proteomics, and metabolomics in bronchopulmonary dysplasia. <i>Seminars in Perinatology</i> , 2018, 42, 425-431.	1.1	49
69	The definition of bronchopulmonary dysplasia: an evolving dilemma. <i>Pediatric Research</i> , 2018, 84, 586-588.	1.1	51
70	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
71	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
72	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

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73	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
74	Bronchopulmonary dysplasia or chronic lung disease: an appeal to standardize nomenclature. <i>Pediatric Research</i> , 2018, 84, 589-590.	1.1	5
75	Nanosecond Dynamics Regulate the MIF-induced Activity of CD74. <i>Angewandte Chemie</i> , 2018, 130, 7234-7237.	1.6	2
76	Exosomal microRNA predicts and protects against severe bronchopulmonary dysplasia in extremely premature infants. <i>JCI Insight</i> , 2018, 3, .	2.3	89
77	miR34a: a master regulator in the pathogenesis of bronchopulmonary dysplasia. <i>Cell Stress</i> , 2018, 2, 34-36.	1.4	8
78	miR34a: a master regulator in the pathogenesis of bronchopulmonary dysplasia. <i>Cell Stress</i> , 2018, 2, 34-36.	1.4	4
79	Biomarkers for the diagnosis of neonatal sepsis and necrotizing enterocolitis: Clinical practice guidelines. <i>Early Human Development</i> , 2017, 105, 25-33.	0.8	60
80	Noninvasive Ventilation in Newborns $\leq 1,500$ g after Tracheal Extubation: Randomized Clinical Trial. <i>American Journal of Perinatology</i> , 2017, 34, 1190-1198.	0.6	14
81	A functional ATG16L1 (T300A) variant is associated with necrotizing enterocolitis in premature infants. <i>Pediatric Research</i> , 2017, 81, 582-588.	1.1	36
82	Hyperoxia causes miR-34a-mediated injury via angiopoietin-1 in neonatal lungs. <i>Nature Communications</i> , 2017, 8, 1173.	5.8	100
83	“Pressure” to feed the preterm newborn: associated with “positive” outcomes?. <i>Pediatric Research</i> , 2017, 82, 899-900.	1.1	14
84	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
85	How to decrease bronchopulmonary dysplasia in your neonatal intensive care unit today and “tomorrow”? <i>F1000Research</i> , 2017, 6, 539.	0.8	20
86	Structure, function and five basic needs of the global health research system. <i>Journal of Global Health</i> , 2016, 6, 010508.	1.2	48
87	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
88	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
89	Inhibition of Regulatory-Associated Protein of Mechanistic Target of Rapamycin Prevents Hyperoxia-Induced Lung Injury by Enhancing Autophagy and Reducing Apoptosis in Neonatal Mice. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2016, 55, 722-735.	1.4	63
90	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

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91	Chorioamnionitis at birth does not increase the risk of neurodevelopmental disability in premature infants with bronchopulmonary dysplasia. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2016, 105, e506-e512.	0.7	8
92	The Airway Microbiome at Birth. <i>Scientific Reports</i> , 2016, 6, 31023.	1.6	139
93	Noninvasive Ventilation for the Prevention of Bronchopulmonary Dysplasia. <i>Respiratory Medicine</i> , 2016, , 199-222.	0.1	1
94	Hyperoxia in the Pathogenesis of Bronchopulmonary Dysplasia. <i>Respiratory Medicine</i> , 2016, , 3-26.	0.1	5
95	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
96	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
97	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
98	The Human Neonatal Gut Microbiome: A Brief Review. <i>Frontiers in Pediatrics</i> , 2015, 3, 17.	0.9	207
99	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
100	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
101	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
102	What is the basis for a genetic approach in neonatal disorders?. <i>Seminars in Perinatology</i> , 2015, 39, 568-573.	1.1	7
103	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
104	An Analysis of MIF Structural Features that Control Functional Activation of CD74. <i>Chemistry and Biology</i> , 2015, 22, 1197-1205.	6.2	73
105	591: Hepcidin, an iron regulatory hormone of innate immunity, is differentially expressed in premature fetuses with early onset neonatal sepsis (EONS). <i>American Journal of Obstetrics and Gynecology</i> , 2015, 212, S294-S295.	0.7	1
106	143: Mesenchymal stem cells conditioned media improves alveolarization in experimental bronchopulmonary dysplasia (BPD). <i>American Journal of Obstetrics and Gynecology</i> , 2015, 212, S88.	0.7	1
107	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
108	Drug Therapy Trials for the Prevention of Bronchopulmonary Dysplasia: Current and Future Targets. <i>Frontiers in Pediatrics</i> , 2014, 2, 76.	0.9	13

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109	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
110	Targeting distinct tautomerase sites of D α EDT and MIF with a single molecule for inhibition of neutrophil lung recruitment. <i>FASEB Journal</i> , 2014, 28, 4961-4971.	0.2	62
111	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
112	Neutrophil CD64 with Hematologic Criteria for Diagnosis of Neonatal Sepsis. <i>American Journal of Perinatology</i> , 2014, 31, 021-030.	0.6	29
113	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
114	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
115	The Effect of Modified Ultrafiltration on Angiopoietins in Pediatric Cardiothoracic Operations. <i>Annals of Thoracic Surgery</i> , 2014, 98, 1699-1704.	0.7	9
116	Effective Biomarkers for Diagnosis of Neonatal Sepsis. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2014, 3, 234-245.	0.6	71
117	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
118	Angiopoietin-1, Angiopoietin-2 and Bicarbonate as Diagnostic Biomarkers in Children with Severe Sepsis. <i>PLoS ONE</i> , 2014, 9, e108461.	1.1	17
119	Monocyte CD64 Does Not Enhance Neutrophil CD64 as a Diagnostic Marker in Neonatal Sepsis. <i>Pediatric Infectious Disease Journal</i> , 2014, 33, 1100-1101.	1.1	0
120	IFN α 1 β and IP α 10 in tracheal aspirates from premature infants: Relationship with bronchopulmonary dysplasia. <i>Pediatric Pulmonology</i> , 2013, 48, 8-13.	1.0	27
121	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
122	Fatty Acid Binding Protein 4 Regulates VEGF-Induced Airway Angiogenesis and Inflammation in a Transgenic Mouse Model. <i>American Journal of Pathology</i> , 2013, 182, 1425-1433.	1.9	62
123	Introduction. <i>Seminars in Perinatology</i> , 2013, 37, 59.	1.1	1
124	The potential of non-invasive ventilation to decrease BPD. <i>Seminars in Perinatology</i> , 2013, 37, 108-114.	1.1	54
125	Biomarkers in Bronchopulmonary Dysplasia. <i>Paediatric Respiratory Reviews</i> , 2013, 14, 173-179.	1.2	71
126	Hyperoxia and Interferon- γ -Induced Injury in Developing Lungs Occur via Cyclooxygenase-2 and the Endoplasmic Reticulum Stress-Dependent Pathway. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2013, 48, 749-757.	1.4	65

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127	Targeting mitochondrial dysfunction in lung diseases: emphasis on mitophagy. <i>Frontiers in Physiology</i> , 2013, 4, 384.	1.3	70
128	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
129	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
130	Which Biomarkers Reveal Neonatal Sepsis?. <i>PLoS ONE</i> , 2013, 8, e82700.	1.1	33
131	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
132	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
133	Impact of Histological Chorioamnionitis on Tracheal Aspirate Cytokines in Premature Infants. <i>American Journal of Perinatology</i> , 2012, 29, 567-72.	0.6	18
134	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
135	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
136	Risk Factors Associated With Biliary Pancreatitis in Children. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2012, 54, 651-656.	0.9	42
137	Neutrophil CD64 as a Diagnostic Marker in Neonatal Sepsis. <i>Pediatric Infectious Disease Journal</i> , 2012, 31, 777-781.	1.1	49
138	Increased Hyperoxia-Induced Lung Injury in Nitric Oxide Synthase 2 Null Mice Is Mediated via Angiotensin II. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2012, 46, 668-676.	1.4	32
139	Noninvasive Respiratory Support in the Preterm Infant. <i>Clinics in Perinatology</i> , 2012, 39, 497-511.	0.8	32
140	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
141	A unique case of rhabdoid tumor presenting as hemoperitoneum in an infant. <i>Journal of Pediatric Surgery</i> , 2011, 46, 247-251.	0.8	7
142	Proteomics Mapping of Cord Blood Identifies Haptoglobin "Switch-On" Pattern as Biomarker of Early-Onset Neonatal Sepsis in Preterm Newborns. <i>PLoS ONE</i> , 2011, 6, e26111.	1.1	51
143	"New" Bronchopulmonary Dysplasia. <i>Clinical Pulmonary Medicine</i> , 2011, 18, 137-143.	0.3	31
144	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

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145	A Role for Matrix Metalloproteinase 9 in IFN β -Mediated Injury in Developing Lungs. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2011, 44, 621-630.	1.4	60
146	Surfactant Protein-A (SP-A) Selectively Inhibits Prostaglandin F $_{2\alpha}$ (PGF $_{2\alpha}$) 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
147	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
148	Noninvasive Ventilation for Respiratory Distress Syndrome: A Randomized Controlled Trial. <i>Pediatrics</i> , 2011, 127, 300-307.	1.0	109
149	Novel Characterization of Drug-Associated Pancreatitis in Children. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2011, 53, 423-428.	0.9	51
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