Mikko Hallman

List of Publications by Year in descending order

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261 papers

13,490 citations

23567 58 h-index ²⁹¹⁵⁷
104
g-index

276 all docs

276 docs citations

276 times ranked

9259 citing authors

#	Article	IF	CITATIONS
1	European Consensus Guidelines on the Management of Respiratory Distress Syndrome – 2019 Update. Neonatology, 2019, 115, 432-450.	2.0	780
2	Exogenous human surfactant for treatment of severe respiratory distress syndrome: A randomized prospective clinical trial. Journal of Pediatrics, 1985, 106, 963-969.	1.8	721
3	European Consensus Guidelines on the Management of Respiratory Distress Syndrome - 2016 Update. Neonatology, 2017, 111, 107-125.	2.0	399
4	Genetic Associations with Gestational Duration and Spontaneous Preterm Birth. New England Journal of Medicine, 2017, 377, 1156-1167.	27.0	309
5	Phosphatidylinositol and phosphatidylglycerol in amniotic fluid: Indices of lung maturity. American Journal of Obstetrics and Gynecology, 1976, 125, 613-617.	1.3	294
6	Phosphatidylinositol 3-kinase is involved in Toll-like receptor 4-mediated cytokine expression in mouse macrophages. European Journal of Immunology, 2003, 33, 597-605.	2.9	284
7	Prophylactic Treatment of Very Premature Infants with Human Surfactant. New England Journal of Medicine, 1986, 315, 785-790.	27.0	256
8	Surfactant Protein D Gene Polymorphism Associated with Severe Respiratory Syncytial Virus Infection. Pediatric Research, 2002, 51, 696-699.	2.3	228
9	European Consensus Guidelines on the Management of Neonatal Respiratory Distress Syndrome in Preterm Infants – 2010 Update. Neonatology, 2010, 97, 402-417.	2.0	219
10	Early Inhaled Budesonide for the Prevention of Bronchopulmonary Dysplasia. New England Journal of Medicine, 2015, 373, 1497-1506.	27.0	215
11	Absence of Phosphatidylglycerol (PG) in Respiratory Distress Syndrome in the Newborn. Pediatric Research, 1977, 11, 714-720.	2.3	207
12	Association between the Asp299Gly Polymorphisms in the Toll-like Receptor 4 and Premature Births in the Finnish Population. Pediatric Research, 2002, 52, 373-376.	2.3	190
13	Association between Surfactant Protein A Gene Locus and Severe Respiratory Syncytial Virus Infection in Infants. Journal of Infectious Diseases, 2002, 185, 283-289.	4.0	179
14	Inhaled nitric oxide for prevention of bronchopulmonary dysplasia in premature babies (EUNO): a randomised controlled trial. Lancet, The, 2010, 376, 346-354.	13.7	175
15	Surfactant Protein A, Phosphatidylcholine, and Surfactant Inhibitors in Epithelial Lining Fluid: Correlation with Surface Activity, Severity of Respiratory Distress Syndrome, and Outcome in Small Premature Infants. The American Review of Respiratory Disease, 1991, 144, 1376-1384.	2.9	169
16	Guidelines for the Management of Extremely Premature Deliveries: A Systematic Review. Pediatrics, 2015, 136, 343-350.	2.1	158
17	Population Cohort Associating Chorioamnionitis, Cord Inflammatory Cytokines and Neurologic Outcome in Very Preterm, Extremely Low Birth Weight Infants. Pediatric Research, 2006, 59, 478-483.	2.3	156
18	Inositol Supplementation in Premature Infants with Respiratory Distress Syndrome. New England Journal of Medicine, 1992, 326, 1233-1239.	27.0	154

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19	Correlation of free oxygen radical-induced lipid peroxidation with outcome in very low birth weight infants. Journal of Pediatrics, 1990, 116, 760-764.	1.8	151
20	Effects of antenatal endotoxin and glucocorticoids on the lungs of preterm lambs. American Journal of Obstetrics and Gynecology, 2000, 182, 401-408.	1.3	151
21	Generation of Free Radicals in Lipid Emulsion Used in Parenteral Nutrition. Pediatric Research, 1991, 29, 56-59.	2.3	149
22	Randomized, placebo-controlled trial of human surfactant given at birth versus rescue administration in very low birth weight infants with lung immaturity. Journal of Pediatrics, 1991, 118, 581-594.	1.8	141
23	Analysis of Labeling and Clearance of Lung Surfactant Phospholipids in Rabbit. Journal of Clinical Investigation, 1981, 68, 742-751.	8.2	130
24	Pretreatment cortisol values may predict responses to hydrocortisone administration for the prevention of bronchopulmonary dysplasia in high-risk infants. Journal of Pediatrics, 2005, 146, 632-637.	1.8	125
25	Blood Cytokines during the Perinatal Period in Very Preterm Infants: Relationship of Inflammatory Response and Bronchopulmonary Dysplasia. Journal of Pediatrics, 2009, 154, 39-43.e3.	1.8	123
26	Association between the Surfactant Protein A (SP-A) Gene Locus and Respiratory-Distress Syndrome in the Finnish Population. American Journal of Human Genetics, 2000, 66, 1569-1579.	6.2	122
27	Assessing the Causal Relationship of Maternal Height on Birth Size and Gestational Age at Birth: A Mendelian Randomization Analysis. PLoS Medicine, 2015, 12, e1001865.	8.4	121
28	Ontogeny of Toll-Like Receptors Tlr2 and Tlr4 in Mice. Pediatric Research, 2001, 49, 81-83.	2.3	120
29	Toll-like Receptors as Sensors of Pathogens. Pediatric Research, 2001, 50, 315-321.	2.3	117
30	Identification of <i>SPOCK2</i> As a Susceptibility Gene for Bronchopulmonary Dysplasia. American Journal of Respiratory and Critical Care Medicine, 2011, 184, 1164-1170.	5.6	110
31	Effect of Surfactant Substitution on Lung Effluent Phospholipids in Respiratory Distress Syndrome: Evaluation of Surfactant Phospholipid Turnover, Pool Size, and the Relationship to Severity of Respiratory Failure. Pediatric Research, 1986, 20, 1228-1235.	2.3	107
32	Long-Term Effects of Inhaled Budesonide for Bronchopulmonary Dysplasia. New England Journal of Medicine, 2018, 378, 148-157.	27.0	107
33	Transforming growth factor-Î ² 2 prevents preterm delivery induced by interleukin-α and tumor necrosis factor-α the rabbit. American Journal of Obstetrics and Gynecology, 1993, 168, 1318-1322.	1.3	106
34	Surfactant proteins A and B as interactive genetic determinants of neonatal respiratory distress syndrome. Human Molecular Genetics, 2000, 9, 2751-2760.	2.9	96
35	An Evolutionary Genomic Approach to Identify Genes Involved in Human Birth Timing. PLoS Genetics, 2011, 7, e1001365.	3.5	96
36	Immaturity-Dependent Free Radical Activity in Premature Infants. Pediatric Research, 1994, 36, 55-59.	2.3	94

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37	Maternal Endotoxin-Induced Preterm Birth in Mice: Fetal Responses in Toll-Like Receptors, Collectins, and Cytokines. Pediatric Research, 2008, 63, 280-286.	2.3	94
38	Formation of Acidic Phopholipids in Rabbit Lung during Perinatal Development. Pediatric Research, 1980, 14, 1250-1259.	2.3	91
39	Randomized Trial of a Single Repeat Dose of Prenatal Betamethasone Treatment in Imminent Preterm Birth. Pediatrics, 2007, 119, 290-298.	2.1	91
40	Role of myo-inositol in the synthesis of phosphatidylglycerol and phosphatidylinositol in the lung. Biochemical and Biophysical Research Communications, 1980, 92, 1151-1159.	2.1	90
41	Surfactant in respiratory distress syndrome and lung injury. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2001, 129, 287-294.	1.8	90
42	Paracetamol Accelerates Closure of the Ductus Arteriosus after PrematureÂBirth: A Randomized Trial. Journal of Pediatrics, 2016, 177, 72-77.e2.	1.8	89
43	The genomics of preterm birth: from animal models to human studies. Genome Medicine, 2013, 5, 34.	8.2	88
44	Composition and Surface Activity of Normal and Phosphatidylglycerol-Deficient Lung Surfactant. Pediatric Research, 1985, 19, 286-292.	2.3	87
45	Cerebral palsy is characterized by protein mediators in cord serum. Annals of Neurology, 2004, 55, 186-194.	5.3	85
46	The Use of Synthetic Peptides in the Formation of Biophysically and Biologically Active Pulmonary Surfactants. Pediatric Research, 1991, 29, 460-465.	2.3	83
47	Genetic or Other Causation Should Not Change the Clinical Diagnosis of Cerebral Palsy. Journal of Child Neurology, 2019, 34, 472-476.	1.4	82
48	The effects of indomethacin and a \hat{l}^2 -sympathomimetic agent on the fetal ductus arteriosus during treatment of premature labor: A randomized double-blind study. American Journal of Obstetrics and Gynecology, 1991, 164, 141-146.	1.3	81
49	Increased incidence of bronchopulmonary dysplasia after antenatal administration of indomethacin to prevent preterm labor. Journal of Pediatrics, 1994, 124, 782-788.	1.8	81
50	The Effect of Birth in Secondary- or Tertiary-Level Hospitals in Finland on Mortality in Very Preterm Infants: A Birth-Register Study. Pediatrics, 2007, 119, e257-e263.	2.1	76
51	Transient Defect in Nitric Oxide Generation after Rupture of Fetal Membranes and Responsiveness to Inhaled Nitric Oxide in Very Preterm Infants with Hypoxic Respiratory Failure. Journal of Pediatrics, 2012, 161, 397-403.e1.	1.8	75
52	Data mining and multiparameter analysis of lung surfactant protein genes in bronchopulmonary dysplasia. Human Molecular Genetics, 2004, 13, 1095-1104.	2.9	73
53	Surfactant protein C gene variation in the Finnish population $\hat{a}\in$ association with perinatal respiratory disease. European Journal of Human Genetics, 2004, 12, 312-320.	2.8	71
54	Inhaled Nitric Oxide Decreases Hyperoxia-Induced Surfactant Abnormality in Preterm Rabbits. Pediatric Research, 1999, 45, 247-254.	2.3	68

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55	New BPD predicts lung function at school age: Followâ€up study and metaâ€analysis. Pediatric Pulmonology, 2015, 50, 1090-1098.	2.0	66
56	Intra-amniotic lipopolysaccharide leads to fetal cardiac dysfunction A mouse model for fetal inflammatory response. Cardiovascular Research, 2003, 60, 156-164.	3.8	63
57	Maternal Glucocorticoid in Unplanned Premature Labor. Controlled Study on the Effects of Betamethasone Phosphate on the Phospholipids of the Gastric Aspirate and on the Adrenal Cortical Function of the Newborn Infant. Pediatric Research, 1980, 14, 326-329.	2.3	62
58	Surfactant protein-A gene locus associated with recurrent otitis media. Journal of Pediatrics, 2001, 138, 266-268.	1.8	62
59	Mapping a New Spontaneous Preterm Birth Susceptibility Gene, IGF1R, Using Linkage, Haplotype Sharing, and Association Analysis. PLoS Genetics, 2011, 7, e1001293.	3.5	61
60	Impact of Very Preterm Birth on Health Care Costs at Five Years of Age. Pediatrics, 2010, 125, e1109-e1114.	2.1	60
61	Degree of Lung Maturity Determines the Direction of the Interleukin-1– Induced Effect on the Expression of Surfactant Proteins. American Journal of Respiratory Cell and Molecular Biology, 2000, 22, 280-288.	2.9	58
62	Mother's Genome or Maternally-Inherited Genes Acting in the Fetus Influence Gestational Age in Familial Preterm Birth. Human Heredity, 2009, 68, 209-219.	0.8	57
63	Surfactant Protein A and B Genetic Variants in Respiratory Distress Syndrome in Singletons and Twins. American Journal of Respiratory and Critical Care Medicine, 2003, 168, 1216-1222.	5.6	56
64	Effects of repeat prenatal corticosteroids given to women at risk of preterm birth: An individual participant data meta-analysis. PLoS Medicine, 2019, 16, e1002771.	8.4	56
65	Phosphatidyl glycerol in lung surfactant: 1. Synthesis in rat lung microsomes. Biochemical and Biophysical Research Communications, 1974, 60, 1-7.	2.1	55
66	Expression of Toll-Like Receptor 4 and Endotoxin Responsiveness in Mice during Perinatal Period. Pediatric Research, 2005, 57, 644-648.	2.3	54
67	Recombinant Human Erythropoietin: Possible Role as an Antioxidant in Premature Rabbits. Pediatric Research, 1996, 40, 381-387.	2.3	54
68	MEASUREMENT OF THE LECITHIN/SPHINGOMYELIN RATIO AND PHOSPHATIDYLGLYCEROL IN AMNIOTIC FLUID: AN ACCURATE METHOD FOR THE ASSESSMENT OF FETAL LUNG MATURITY. BJOG: an International Journal of Obstetrics and Gynaecology, 1981, 88, 806-813.	2.3	53
69	Surfactant proteins in the diagnosis of fetal lung maturity. American Journal of Obstetrics and Gynecology, 1988, 158, 531-535.	1.3	53
70	Repeated antenatal corticosteroid treatment: a systematic review and meta-analysis. Acta Obstetricia Et Gynecologica Scandinavica, 2011, 90, 719-727.	2.8	52
71	Intravenous Paracetamol Decreases Requirements of Morphine in Very Preterm Infants. Journal of Pediatrics, 2016, 168, 36-40.	1.8	52
72	Transforming growth factor- \hat{l}^2 opposes the stimulatory effects of interleukin-1 and tumor necrosis factor on amnion cell prostaglandin E2 production: Implication for preterm labor. American Journal of Obstetrics and Gynecology, 1992, 167, 222-226.	1.3	51

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73	Intrauterine growth restriction predicts lower lung function at school age in children born very preterm. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2016, 101, F412-F417.	2.8	51
74	Role of myoinositol in regulation of surfactant phospholipids in the newborn. Early Human Development, 1985, 10, 245-254.	1.8	50
75	Surfactant proteins A and D in Eustachian tube epithelium. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2001, 281, L660-L667.	2.9	50
76	Surfactant protein B polymorphism and respiratory distress syndrome in premature twins. Human Genetics, 2003, 112, 18-23.	3.8	50
77	The Fate of Exogenous Surfactant in Neonates with Respiratory Distress Syndrome. Clinical Pharmacokinetics, 1994, 26, 215-232.	3.5	49
78	Gene–environment interactions in severe intraventricular hemorrhage of preterm neonates. Pediatric Research, 2014, 75, 241-250.	2.3	49
79	Comparison of Four Surfactants: In Vitro Surface Properties and Responses of Preterm Lambs to Treatment at Birth. Pediatrics, 1987, 79, 38-46.	2.1	49
80	Very preterm birth and foetal growth restriction are associated with specific cognitive deficits in children attending mainstream school. Acta Paediatrica, International Journal of Paediatrics, 2015, 104, 84-90.	1.5	48
81	Changes in Surfactant in Bronchoalveolar Lavage Fluid after Hemithorax Irradiation in Patients with Mesothelioma. The American Review of Respiratory Disease, 1990, 141, 998-1005.	2.9	47
82	Cofilin regulator $14-3-3\hat{l}$ is an evolutionarily conserved protein required for phagocytosis and microbial resistance. Journal of Leukocyte Biology, 2011, 89, 649-659.	3.3	47
83	Surfactant protein A and D expression in the porcine Eustachian tube1. FEBS Letters, 1999, 452, 141-144.	2.8	46
84	Morbidities associated with patent ductus arteriosus in preterm infants. Nationwide cohort study. Journal of Maternal-Fetal and Neonatal Medicine, 2018, 31, 2576-2583.	1.5	46
85	Premature Rupture of the Membranes: Effect of Penicillin Prophylaxis and Long-Term Outcome of the Children. American Journal of Perinatology, 1992, 9, 11-16.	1.4	45
86	Corticotropin-Releasing Hormone and Cortisol in Cord Plasma in Relation to Gestational Age, Labor, and Fetal Distress. American Journal of Perinatology, 1993, 10, 115-118.	1.4	45
87	Regulation of surfactant proteins by LPS and proinflammatory cytokines in fetal and newborn lung. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2002, 282, L803-L810.	2.9	45
88	Respiratory Failure following Anti-Lung Serum: Study on Mechanisms Associated with Surfactant System Damage. Experimental Lung Research, 1987, 12, 163-180.	1.2	44
89	Respiratory distress syndrome: evaluation of genetic susceptibility and protection by transmission disequilibrium test. Human Genetics, 2001, 109, 351-355.	3.8	43
90	The Neonatal European Study of Inhaled Steroids (NEUROSIS): An EU-Funded International Randomised Controlled Trial in Preterm Infants. Neonatology, 2010, 97, 52-55.	2.0	43

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91	Genetic influences and neonatal lung disease. Seminars in Fetal and Neonatal Medicine, 2003, 8, 19-27.	2.7	42
92	Respiratory distress syndrome in twin infants compared with singletons. American Journal of Obstetrics and Gynecology, 2004, 191, 271-276.	1.3	42
93	Surfactant Protein Polymorphisms and Neonatal Lung Disease. Seminars in Perinatology, 2006, 30, 350-361.	2.5	41
94	Tollâ€like receptor 4 Asp299Gly polymorphism in respiratory syncytial virus epidemics. Pediatric Pulmonology, 2010, 45, 687-692.	2.0	41
95	Expression and localization of lung surfactant protein B in Eustachian tube epithelium. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2001, 280, L214-L220.	2.9	40
96	Cord immunoproteins as predictors of respiratory outcome in preterm infants. American Journal of Obstetrics and Gynecology, 2009, 200, 100.e1-100.e8.	1.3	40
97	Maternal coding variants in complement receptor 1 and spontaneous idiopathic preterm birth. Human Genetics, 2013, 132, 935-942.	3.8	39
98	Genes and environment in neonatal intraventricular hemorrhage. Seminars in Perinatology, 2015, 39, 592-603.	2.5	39
99	Studies on the Biosynthesis of Disaturated Lecithin of the Lung: The Importance of the Lysolecithin Pathway. Pediatric Research, 1974, 8, 874-879.	2.3	38
100	Nitric oxide and lung surfactant. Seminars in Perinatology, 1996, 20, 173-185.	2.5	38
101	Risk of spontaneous preterm birth and fetal growth associates with fetal SLIT2. PLoS Genetics, 2019, 15, e1008107.	3.5	38
102	Dissecting maternal and fetal genetic effects underlying the associations between maternal phenotypes, birth outcomes, and adult phenotypes: A mendelian-randomization and haplotype-based genetic score analysis in 10,734 mother–infant pairs. PLoS Medicine, 2020, 17, e1003305.	8.4	37
103	Human surfactant treatment of severe respiratory distress syndrome: Pulmonary effluent indicators of lung inflammation. Journal of Pediatrics, 1986, 108, 741-748.	1.8	36
104	Inositol supplementation in respiratory distress syndrome: Relationship between serum concentration, renal excretion, and lung effluent phospholipids. Journal of Pediatrics, 1987, 110, 604-610.	1.8	36
105	Value of absent or retrograde endâ€diastolic flow in fetal aorta and umbilical artery as a predictor of perinatal outcome in pregnancyâ€induced hypertension. Acta Paediatrica, International Journal of Paediatrics, 1993, 82, 919-924.	1.5	35
106	Pulmonary toxicity associated with nitric oxide in term infants with severe respiratory failure. Journal of Pediatrics, 1998, 132, 827-829.	1.8	35
107	Bacterial ligand of TLR2 signals Stat activation via induction of IRF1/2 and interferon- \hat{l}_{\pm} production. Cellular Signalling, 2008, 20, 1873-1881.	3.6	35
108	Early paracetamol treatment associated with lowered risk of persistent ductus arteriosus in very preterm infants. Journal of Maternal-Fetal and Neonatal Medicine, 2014, 27, 1252-1256.	1.5	35

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109	Whole exome sequencing reveals HSPA1L as a genetic risk factor for spontaneous preterm birth. PLoS Genetics, 2018, 14, e1007394.	3.5	35
110	Influence of Fetal Gender on the Concentration of Interleukin-1 Receptor Antagonist in Amniotic Fluid and in Newborn Urine. Pediatric Research, 1994, 35, 130-134.	2.3	34
111	Haplotype analysis of <i> ABCA3 < /i> : association with respiratory distress in very premature infants. Annals of Medicine, 2008, 40, 56-65.</i>	3.8	34
112	Morbidities and Hospital Resource Use During the First 3 Years of Life Among Very Preterm Infants. Pediatrics, 2009, 124, 128-134.	2.1	34
113	Closure of Patent Ductus arteriosus Decreases Pulmonary Myeloperoxidase in Premature Infants with Respiratory Distress Syndrome. Neonatology, 1995, 67, 167-171.	2.0	33
114	Intra-Amniotic Interleukin- $1\hat{l}_{\pm}$ Treatment Alters Postnatal Adaptation in Premature Lambs. Neonatology, 1997, 72, 370-379.	2.0	33
115	Granulocyte-Macrophage Colony-Stimulating Factor in Amniotic Fluid and in Airway Specimens of Newborn Infants. Pediatric Research, 1997, 41, 105-109.	2.3	33
116	Mechanism of Acute Fetal Cardiovascular Depression after Maternal Inflammatory Challenge in Mouse. American Journal of Pathology, 2005, 166, 1585-1592.	3.8	32
117	A Potential Novel Spontaneous Preterm Birth Gene, AR, Identified by Linkage and Association Analysis of X Chromosomal Markers. PLoS ONE, 2012, 7, e51378.	2.5	32
118	Suboptimal neurodevelopment in very preterm infants is related to fetal cardiovascular compromise in placental insufficiency. American Journal of Obstetrics and Gynecology, 2005, 193, 414-420.	1.3	31
119	G proteinâ€coupled receptor for asthma susceptibility associates with respiratory distress syndrome. Annals of Medicine, 2006, 38, 357-366.	3.8	31
120	TLR-2 is upregulated and mobilized to the hepatocyte plasma membrane in the space of Disse and to the Kupffer cells TLR-4 dependently during acute endotoxemia in mice. Immunology Letters, 2006, 102, 158-168.	2.5	31
121	Transcriptome and regulatory maps of decidua-derived stromal cells inform gene discovery in preterm birth. Science Advances, 2020, 6, .	10.3	31
122	Surfactant protein A gene locus and respiratory distress syndrome in Finnish premature twin pairs. Annals of Medicine, 2003, 35, 344-352.	3.8	30
123	Randomised trial of early neonatal hydrocortisone demonstrates potential undesired effects on neurodevelopment at preschool age. Acta Paediatrica, International Journal of Paediatrics, 2016, 105, 159-164.	1.5	30
124	Cytokines, Pulmonary Surfactant and Consequences of Intrauterine Infection. Neonatology, 1999, 76, 2-9.	2.4	29
125	Surfactant proteins as genetic determinants of multifactorial pulmonary diseases. Annals of Medicine, 2002, 34, 324-333.	3.8	29
126	Early neonatal dexamethasone treatment for prevention of bronchopulmonary dysplasia. Randomised trial and meta-analysis evaluating the duration of dexamethasone therapy. European Journal of Pediatrics, 2005, 164, 472-481.	2.7	29

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127	Chemokine CCL18 predicts intraventricular hemorrhage in very preterm infants. Annals of Medicine, 2010, 42, 416-425.	3.8	29
128	The Surfactant System Protects Both Fetus and Newborn. Neonatology, 2013, 103, 320-326.	2.0	29
129	Myoinositol in Small Preterm Infants. Journal of Pediatric Gastroenterology and Nutrition, 1986, 5, 455-458.	1.8	28
130	Perinatal Development of Myoinositol Uptake into Lung Cells: Surfactant Phosphatidylglycerol and Phosphatidylinositol Synthesis in the Rabbit. Pediatric Research, 1986, 20, 179-185.	2.3	28
131	Ceramide lactoside in amniotic fluid: High concentration in chorioamnionitis and in preterm labor. American Journal of Obstetrics and Gynecology, 1989, 161, 313-318.	1.3	28
132	Candidate gene linkage approach to identify DNA variants that predispose to preterm birth. Pediatric Research, 2013, 73, 135-141.	2.3	28
133	Genome-Wide Association Study of Polymorphisms Predisposing to Bronchiolitis. Scientific Reports, 2017, 7, 41653.	3.3	28
134	Genes and Environment in Common Neonatal Lung Disease. Neonatology, 2007, 91, 298-302.	2.0	27
135	Antenatal Betamethasone and Fetal Growth in Prematurely Born Children: Implications for Temperament Traits at the Age of 2 Years. Pediatrics, 2009, 123, e31-e37.	2.1	27
136	Free radical activity during development of insulin-dependent diabetes mellitus in the rat. Life Sciences, 1992, 50, 335-339.	4.3	26
137	A study of collectin genes in spontaneous preterm birth reveals an association with a common surfactant protein D gene polymorphism. Pediatric Research, 2012, 71, 93-99.	2.3	26
138	CXCR3 Polymorphism and Expression Associate with Spontaneous Preterm Birth. Journal of Immunology, 2015, 195, 2187-2198.	0.8	26
139	Effects of maternal insulin or glucose infusion on the fetus: Study on lung surfactant phospholipids, plasma myoinositol, and fetal growth in the rabbit. American Journal of Obstetrics and Gynecology, 1982, 142, 877-882.	1.3	25
140	Exogenous Surfactant Treatments for Neonatal Respiratory Distress Syndrome and their Potential Role in the Adult Respiratory Distress Syndrome. Drugs, 1989, 38, 591-611.	10.9	25
141	Lung Surfactant, Respiratory Failure, and Genes. New England Journal of Medicine, 2004, 350, 1278-1280.	27.0	25
142	Surfactant proteins and genetic predisposition to respiratory distress syndrome. Seminars in Perinatology, 2002, 26, 450-460.	2.5	24
143	Pattern recognition receptors and genetic risk for rsv infection: value for clinical decisionâ€making?. Pediatric Pulmonology, 2011, 46, 101-110.	2.0	24
144	Induction of surfactant phosphatidylglycerol in the lung of fetal and newborn rabbits by dibutyryl adenosine $3\hat{a}\in^2$: $5\hat{a}\in^2$ -monophosphate. Biochemical and Biophysical Research Communications, 1977, 77, 1094-1102.	2.1	23

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145	Overview of Exogenous Surfactant Replacement Therapy. Journal of Intensive Care Medicine, 1993, 8, 205-228.	2.8	23
146	Mannose-binding lectin as a risk factor for acute coronary syndromes. Annals of Medicine, 2009, 41, 591-598.	3.8	23
147	Influence of Common Non-Synonymous Toll-like Receptor 4 Polymorphisms on Bronchopulmonary Dysplasia and Prematurity in Human Infants. PLoS ONE, 2012, 7, e31351.	2.5	23
148	Genetic basis of respiratory distress syndrome. Frontiers in Bioscience - Landmark, 2007, 12, 2670.	3.0	23
149	Cytokines released by granulocytes and mononuclear cells stimulate amnion cell prostaglandin E2 production. Prostaglandins, 1994, 48, 389-399.	1.2	22
150	Cytokines and production of surfactant components. Seminars in Perinatology, 1996, 20, 194-205.	2.5	21
151	Human Surfactant Protein – A Gene Locus for Genetic Studies in the Finnish Population. Disease Markers, 2000, 16, 119-124.	1.3	21
152	Enhancing Functional Maturity before Preterm Birth. Neonatology, 2010, 97, 373-378.	2.0	21
153	NHLRC2 variants identified in patients with fibrosis, neurodegeneration, and cerebral angiomatosis (FINCA): characterisation of a novel cerebropulmonary disease. Acta Neuropathologica, 2018, 135, 727-742.	7.7	21
154	NIV NAVA versus Nasal CPAP in Premature Infants: A Randomized Clinical Trial. Neonatology, 2019, 116, 380-384.	2.0	21
155	Safety and pharmacokinetics of multiple dose myo-inositol in preterm infants. Pediatric Research, 2016, 80, 209-217.	2.3	20
156	Eustachian tube surfactant is different from alveolar surfactant: determination of phospholipid composition of porcine eustachian tube lavage fluid. Journal of Lipid Research, 2002, 43, 99-106.	4.2	20
157	Lecithin biosynthesis in a clonal line of lung adenoma cells with type II alveolar cell properties. Experimental and Molecular Pathology, 1978, 29, 102-114.	2.1	18
158	Purification of a hydrophobic surfactant peptide using high-performance liquid chromatography. Analytical Biochemistry, 1988, 171, 207-212.	2.4	18
159	Inositol and Glucocorticoid in the Development of Lung Stability in Male and Female Rabbit Fetuses. Pediatric Research, 1988, 24, 617-621.	2.3	18
160	Successful Treatment of ARDS With Two Doses of Synthetic Surfactant. Chest, 1994, 105, 1263-1264.	0.8	18
161	Wheezing illness and re-hospitalization in the first two years of life after neonatal respiratory distress syndrome. Journal of Pediatrics, 2005, 147, 486-492.	1.8	18
162	Genetic association of SP-C with duration of preterm premature rupture of fetal membranes and expression in gestational tissues. Annals of Medicine, 2009, 41, 629-642.	3.8	18

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163	Umbilical artery chemokine CCL16 is associated with preterm preeclampsia and fetal growth restriction. Cytokine, 2012, 60, 377-384.	3.2	18
164	Genome-wide association study of bronchopulmonary dysplasia: a potential role for variants near the CRP gene. Scientific Reports, 2017, 7, 9271.	3.3	18
165	Fetal hemodynamics and adverse outcome in primary schoolâ€aged children with fetal growth restriction: a prospective longitudinal study. Acta Obstetricia Et Gynecologica Scandinavica, 2017, 96, 69-77.	2.8	18
166	Spontaneous premature birth as a target of genomic research. Pediatric Research, 2019, 85, 422-431.	2.3	18
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