

Frans J Walther

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

255
papers

7,755
citations

47
h-index

67
g-index

278
ext. papers

8,644
ext. citations

3.3
avg, IF

5.74
L-index

#	Paper	IF	Citations
255	A randomized, controlled trial of delivery-room respiratory management in very preterm infants. <i>Pediatrics</i> , 2007 , 120, 322-9	7.4	195
254	Gene expression profile and histopathology of experimental bronchopulmonary dysplasia induced by prolonged oxidative stress. <i>Free Radical Biology and Medicine</i> , 2004 , 36, 782-801	7.8	132
253	Cerebellar injury in preterm infants: incidence and findings on US and MR images. <i>Radiology</i> , 2009 , 252, 190-9	20.5	122
252	Looking back in time: outcome of a national cohort of very preterm infants born in The Netherlands in 1983. <i>Early Human Development</i> , 2000 , 59, 175-91	2.2	121
251	Surfactant Replacement Therapy for Meconium Aspiration Syndrome. <i>Pediatrics</i> , 1996 , 97, 48-52	7.4	120
250	Long-term neurodevelopmental outcome in twin-to-twin transfusion syndrome. <i>American Journal of Obstetrics and Gynecology</i> , 2003 , 189, 1314-9	6.4	116
249	Parvovirus B19 infection in pregnancy. <i>Journal of Clinical Virology</i> , 2006 , 36, 1-7	14.5	111
248	Cardiac output in newborn infants with transient myocardial dysfunction. <i>Journal of Pediatrics</i> , 1985 , 107, 781-5	3.6	109
247	Growth and development of term disproportionate small-for-gestational age infants at the age of 7 years. <i>Early Human Development</i> , 1988 , 18, 1-11	2.2	94
246	The pregnancy and long-term neurodevelopmental outcome of monochorionic diamniotic twin gestations: a multicenter prospective cohort study from the first trimester onward. <i>American Journal of Obstetrics and Gynecology</i> , 2009 , 200, 494.e1-8	6.4	93
245	Risk factors for neurodevelopment impairment in twin-twin transfusion syndrome treated with fetoscopic laser surgery. <i>Obstetrics and Gynecology</i> , 2009 , 113, 361-6	4.9	93
244	Long-term neurodevelopmental outcome after intrauterine transfusion for hemolytic disease of the fetus/newborn: the LOTUS study. <i>American Journal of Obstetrics and Gynecology</i> , 2012 , 206, 141.e1-8	6.4	91
243	Incidence, origin, and character of cerebral injury in twin-to-twin transfusion syndrome treated with fetoscopic laser surgery. <i>American Journal of Obstetrics and Gynecology</i> , 2006 , 194, 1215-20	6.4	91
242	Sildenafil attenuates pulmonary inflammation and fibrin deposition, mortality and right ventricular hypertrophy in neonatal hyperoxic lung injury. <i>Respiratory Research</i> , 2009 , 10, 30	7.3	90
241	Long-term outcome after fetal transfusion for hydrops associated with parvovirus B19 infection. <i>Obstetrics and Gynecology</i> , 2007 , 109, 42-7	4.9	85
240	Controlled trial of a single dose of synthetic surfactant at birth in premature infants weighing 500 to 699 grams. The American Exosurf Neonatal Study Group I. <i>Journal of Pediatrics</i> , 1992 , 120, S3-12	3.6	79
239	Prophylactic oral nystatin and fungal infections in very-low-birthweight infants. <i>American Journal of Perinatology</i> , 1988 , 5, 33-6	3.3	76

238	Apelin attenuates hyperoxic lung and heart injury in neonatal rats. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010 , 182, 1239-50	10.2	73
237	Measuring physiological changes during the transition to life after birth. <i>Neonatology</i> , 2014 , 105, 230-424		72
236	Brain imaging findings in very preterm infants throughout the neonatal period: part I. Incidences and evolution of lesions, comparison between ultrasound and MRI. <i>Early Human Development</i> , 2009 , 85, 101-9	2.2	72
235	Humidified and heated air during stabilization at birth improves temperature in preterm infants. <i>Pediatrics</i> , 2010 , 125, e1427-32	7.4	71
234	Short and long term outcome of neonatal hyperglycemia in very preterm infants: a retrospective follow-up study. <i>BMC Pediatrics</i> , 2010 , 10, 52	2.6	71
233	Prevalence, size, number and localization of vascular anastomoses in monochorionic placentas. <i>Placenta</i> , 2013 , 34, 589-93	3.4	70
232	Auditing resuscitation of preterm infants at birth by recording video and physiological parameters. <i>Resuscitation</i> , 2012 , 83, 1135-9	4	69
231	Agonists of MAS oncogene and angiotensin II type 2 receptors attenuate cardiopulmonary disease in rats with neonatal hyperoxia-induced lung injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2013 , 305, L341-51	5.8	68
230	Perinatal outcome, health, growth, and medical care utilization of 5- to 8-year-old intracytoplasmic sperm injection singletons. <i>Fertility and Sterility</i> , 2008 , 89, 1133-1146	4.8	68
229	Cognitive development of singletons born after intracytoplasmic sperm injection compared with in vitro fertilization and natural conception. <i>Fertility and Sterility</i> , 2008 , 90, 289-96	4.8	66
228	Evaluating manual inflations and breathing during mask ventilation in preterm infants at birth. <i>Journal of Pediatrics</i> , 2013 , 162, 457-63	3.6	65
227	Leak and obstruction with mask ventilation during simulated neonatal resuscitation. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2010 , 95, F398-402	4.7	65
226	Long-term neurodevelopmental outcome after intrauterine transfusion for fetal anemia. <i>Early Human Development</i> , 2011 , 87, 589-93	2.2	64
225	Multilayer formation upon compression of surfactant monolayers depends on protein concentration as well as lipid composition. An atomic force microscopy study. <i>Journal of Biological Chemistry</i> , 2002 , 277, 21179-88	5.4	64
224	Small cerebellar hemorrhage in preterm infants: perinatal and postnatal factors and outcome. <i>Cerebellum</i> , 2013 , 12, 794-801	4.3	62
223	Thrombocytopenia in neonates and the risk of intraventricular hemorrhage: a retrospective cohort study. <i>BMC Pediatrics</i> , 2011 , 11, 16	2.6	61
222	Intravenous immunoglobulin in neonates with rhesus hemolytic disease: a randomized controlled trial. <i>Pediatrics</i> , 2011 , 127, 680-6	7.4	58
221	Lateral stress relaxation and collapse in lipid monolayers. <i>Soft Matter</i> , 2008 , 4, 2019-2029	3.6	58

220	Long-term neurodevelopmental outcome in twin-to-twin transfusion syndrome treated with fetoscopic laser surgery. <i>American Journal of Obstetrics and Gynecology</i> , 2007 , 196, 231.e1-4	6.4	58
219	Dimeric N-terminal segment of human surfactant protein B (dSP-B(1-25)) has enhanced surface properties compared to monomeric SP-B(1-25). <i>Biophysical Journal</i> , 2000 , 79, 377-84	2.9	57
218	Neonatal outcome in twin-to-twin transfusion syndrome treated with fetoscopic laser occlusion of vascular anastomoses. <i>Journal of Pediatrics</i> , 2005 , 147, 597-602	3.6	56
217	Cerebral blood flow velocity after surfactant instillation in preterm infants. <i>Journal of Pediatrics</i> , 1991 , 118, 285-7	3.6	56
216	Fetal, neonatal and developmental outcomes of lithium-exposed pregnancies. <i>Early Human Development</i> , 2012 , 88, 375-8	2.2	55
215	Prevalence and etiology of respiratory distress in infants of diabetic mothers: predictive value of fetal lung maturation tests. <i>American Journal of Obstetrics and Gynecology</i> , 1990 , 163, 898-903	6.4	55
214	Early changes in the neonatal circulatory transition. <i>Journal of Pediatrics</i> , 1993 , 123, 625-32	3.6	53
213	Is sequential cranial ultrasound reliable for detection of white matter injury in very preterm infants?. <i>Neuroradiology</i> , 2010 , 52, 397-406	3.2	52
212	Structure of mini-B, a functional fragment of surfactant protein B, in detergent micelles. <i>Biochemistry</i> , 2007 , 46, 11047-56	3.2	50
211	Repetitive prenatal glucocorticoid therapy reduces oxidative stress in the lungs of preterm lambs. <i>Journal of Applied Physiology</i> , 1998 , 85, 273-8	3.7	49
210	Hydrophobic surfactant proteins and their analogues. <i>Neonatology</i> , 2007 , 91, 303-10	4	48
209	Umbilical arteriovenous PO ₂ and PCO ₂ differences and neonatal morbidity in term infants with severe acidosis. <i>American Journal of Obstetrics and Gynecology</i> , 1998 , 178, 13-9	6.4	47
208	Inhaled nitric oxide attenuates pulmonary inflammation and fibrin deposition and prolongs survival in neonatal hyperoxic lung injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2007 , 293, L35-44	5.8	47
207	Parvovirus B19 in pregnancy: prenatal diagnosis and management of fetal complications. <i>Current Opinion in Obstetrics and Gynecology</i> , 2012 , 24, 95-101	2.4	46
206	Pulsed Doppler measurement of left ventricular output as early predictor of symptomatic patent ductus arteriosus in very preterm infants. <i>Neonatology</i> , 1989 , 56, 121-8	4	46
205	Cerebral blood flow velocity regulation in preterm infants. <i>Neonatology</i> , 1991 , 59, 329-35	4	46
204	Magnetic resonance imaging of the brain in newborn infants: practical aspects. <i>Early Human Development</i> , 2009 , 85, 85-92	2.2	45
203	Synthetic surfactant based on analogues of SP-B and SP-C is superior to single-peptide surfactants in ventilated premature rabbits. <i>Neonatology</i> , 2010 , 98, 91-9	4	44

202	Ontogeny of antioxidant enzymes in the fetal lamb lung. <i>Experimental Lung Research</i> , 1991 , 17, 39-45	2.3	44
201	Noninvasive measurements of hemodynamic transition directly after birth. <i>Pediatric Research</i> , 2014 , 75, 448-52	3.2	43
200	Intrauterine transfusion for parvovirus B19 infection: long-term neurodevelopmental outcome. <i>American Journal of Obstetrics and Gynecology</i> , 2012 , 206, 204.e1-5	6.4	43
199	Cerebral injury and neurodevelopmental impairment after amnioreduction versus laser surgery in twin-twin transfusion syndrome: a systematic review and meta-analysis. <i>Fetal Diagnosis and Therapy</i> , 2013 , 33, 81-9	2.4	43
198	Pediatric outcome in Rhesus hemolytic disease treated with and without intrauterine transfusion. <i>American Journal of Obstetrics and Gynecology</i> , 2008 , 198, 54.e1-4	6.4	43
197	Matched follow-up study of 5-8 year old ICSI-singletons: comparison of their neuromotor development to IVF and naturally conceived singletons. <i>Human Reproduction</i> , 2007 , 22, 1638-46	5.7	43
196	Plasma xanthine oxidase activity and lipid hydroperoxide levels in preterm infants. <i>Pediatric Research</i> , 1994 , 36, 283-7	3.2	43
195	Comparing brain white matter on sequential cranial ultrasound and MRI in very preterm infants. <i>Neuroradiology</i> , 2008 , 50, 799-811	3.2	42
194	Mortality, neonatal morbidity and two year follow-up of extremely preterm infants born in The Netherlands in 2007. <i>PLoS ONE</i> , 2012 , 7, e41302	3.7	41
193	Velamentous cord insertion and unequal placental territories in mono chorionic twins with and without twin-to-twin-transfusion syndrome. <i>American Journal of Obstetrics and Gynecology</i> , 2007 , 196, 159.e1-5	6.4	41
192	Critical structural and functional roles for the N-terminal insertion sequence in surfactant protein B analogs. <i>PLoS ONE</i> , 2010 , 5, e8672	3.7	40
191	Cerebral injury in twin-twin transfusion syndrome treated with fetoscopic laser surgery. <i>Obstetrics and Gynecology</i> , 2012 , 120, 15-20	4.9	39
190	Mask versus nasal tube for stabilization of preterm infants at birth: a randomized controlled trial. <i>Pediatrics</i> , 2013 , 132, e381-8	7.4	38
189	Reading preterm infants behavioral cues: an intervention study with parents of premature infants born . <i>Early Human Development</i> , 2007 , 83, 419-24	2.2	38
188	Congenital heart disease in twin-to-twin transfusion syndrome treated with fetoscopic laser surgery. <i>Congenital Heart Disease</i> , 2007 , 2, 38-43	3.1	38
187	Surfactant protein B and C analogues. <i>Molecular Genetics and Metabolism</i> , 2000 , 71, 342-51	3.7	38
186	Effects of individualized developmental care in a randomized trial of preterm infants . <i>Pediatrics</i> , 2009 , 124, 1021-30	7.4	37
185	Placental characteristics in mono chorionic twins with spontaneous versus post-laser twin anemia-polycythemia sequence. <i>Placenta</i> , 2013 , 34, 456-9	3.4	36

184	Neonatal cranial ultrasonography: how to optimize its performance. <i>Early Human Development</i> , 2009 , 85, 93-9	2.2	36
183	Term perinatal mortality and morbidity in monochorionic and dichorionic twin pregnancies: a retrospective study. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2008 , 87, 541-5	3.8	36
182	A comparison of high-frequency oscillation superimposed onto backup mechanical ventilation and conventional mechanical ventilation on the distribution of exogenous surfactant in premature lambs. <i>Pediatric Research</i> , 1987 , 22, 725-9	3.2	36
181	Thrombocytopaenia and intraventricular haemorrhage in very premature infants: a tale of two cities. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2012 , 97, F348-52	4.7	35
180	Withholding treatment, withdrawing treatment, and palliative care in the neonatal intensive care unit. <i>Early Human Development</i> , 2005 , 81, 965-72	2.2	35
179	Comparative antitumor activity of actinomycin analogs in mice bearing Ridgway osteogenic sarcoma or P388 leukemia. <i>Pediatric Research</i> , 1978 , 62, 779-89	3.2	35
178	Arterio-arterial vascular anastomoses in monochorionic placentas with and without twin-twin transfusion syndrome. <i>Placenta</i> , 2012 , 33, 652-4	3.4	34
177	Follow-up outcomes at 1 and 2 years of infants born less than 32 weeks after Newborn Individualized Developmental Care and Assessment Program. <i>Pediatrics</i> , 2009 , 123, 1081-7	7.4	34
176	Long-term neurodevelopmental outcome in monochorionic twins after fetal therapy. <i>Early Human Development</i> , 2011 , 87, 601-6	2.2	33
175	Phosphodiesterase 4 inhibition attenuates persistent heart and lung injury by neonatal hyperoxia in rats. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2012 , 302, L56-67	5.8	33
174	Intravenous immunoglobulins without initial and follow-up cordocentesis in alloimmune fetal and neonatal thrombocytopenia at high risk for intracranial hemorrhage. <i>Fetal Diagnosis and Therapy</i> , 2006 , 21, 55-60	2.4	33
173	Improvement in neurodevelopmental outcome in survivors of twin-twin transfusion syndrome treated with laser surgery. <i>American Journal of Obstetrics and Gynecology</i> , 2014 , 210, 540.e1-7	6.4	32
172	Poor accuracy of methods currently used to determine umbilical catheter insertion length. <i>International Journal of Pediatrics (United Kingdom)</i> , 2010 , 2010, 873167	2.1	32
171	Structure and conformation of the disulfide bond in dimeric lung surfactant peptides SP-B1-25 and SP-B8-25. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2007 , 1768, 1070-82	3.8	32
170	Transepidermal water loss during halogen spotlight phototherapy in preterm infants. <i>Pediatric Research</i> , 2002 , 51, 402-5	3.2	32
169	Corticosteroids, thyrotropin-releasing hormone, and antioxidant enzymes in preterm lamb lungs. <i>Pediatric Research</i> , 1991 , 30, 518-21	3.2	32
168	Aerosol delivery of synthetic lung surfactant. <i>PeerJ</i> , 2014 , 2, e403	3.1	32
167	Outcome and management in neonatal thrombocytopenia due to maternal idiopathic thrombocytopenic purpura. <i>Vox Sanguinis</i> , 2013 , 105, 236-43	3.1	31

166	Neonatal outcome after prenatal interventions for congenital lung lesions. <i>Early Human Development</i> , 2011 , 87, 611-8	2.2	31
165	A clinical study on the feasibility of autologous cord blood transfusion for anemia of prematurity. <i>Transfusion</i> , 2008 , 48, 1634-43	2.9	31
164	Correct use of the Apgar score for resuscitated and intubated newborn babies: questionnaire study. <i>BMJ, The</i> , 2004 , 329, 143-4	5.9	31
163	Protein composition of synthetic surfactant affects gas exchange in surfactant-deficient rats. <i>Pediatric Research</i> , 1998 , 43, 666-73	3.2	31
162	How to use... neonatal TORCH testing. <i>Archives of Disease in Childhood: Education and Practice Edition</i> , 2013 , 98, 93-8	0.5	30
161	Hematological morbidity and management in neonates with hemolytic disease due to red cell alloimmunization. <i>Early Human Development</i> , 2011 , 87, 583-8	2.2	30
160	Pentoxifylline reduces fibrin deposition and prolongs survival in neonatal hyperoxic lung injury. <i>Journal of Applied Physiology</i> , 2004 , 97, 2014-9	3.7	30
159	Auditing documentation on delivery room management using video and physiological recordings. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2014 , 99, F485-90	4.7	29
158	Necrotizing enterocolitis in small-for-gestational-age neonates: a matched case-control study. <i>Neonatology</i> , 2014 , 105, 74-8	4	29
157	Cholestasis in neonates with red cell alloimmune hemolytic disease: incidence, risk factors and outcome. <i>Neonatology</i> , 2012 , 101, 306-10	4	29
156	Postnatal management of fetal and neonatal alloimmune thrombocytopenia: the role of matched platelet transfusion and IVIG. <i>European Journal of Pediatrics</i> , 2007 , 166, 1057-63	4.1	29
155	Potential use of autologous umbilical cord blood red blood cells for early transfusion needs of premature infants. <i>Transfusion</i> , 2006 , 46, 1049-56	2.9	29
154	Adrenal suppression and extubation rate after moderately early low-dose dexamethasone therapy in very preterm infants. <i>Early Human Development</i> , 2003 , 74, 37-45	2.2	29
153	Structure and properties of phospholipid-peptide monolayers containing monomeric SP-B(1-25) II. Peptide conformation by infrared spectroscopy. <i>Biophysical Chemistry</i> , 2005 , 113, 233-44	3.5	29
152	Dimeric surfactant protein B peptide sp-b(1-25) in neonatal and acute respiratory distress syndrome. <i>Experimental Lung Research</i> , 2002 , 28, 623-40	2.3	29
151	Metformin attenuates hyperoxia-induced lung injury in neonatal rats by reducing the inflammatory response. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2015 , 309, L262-70	5.8	28
150	Clinical outcome in neonates with twin anemia-polycythemia sequence. <i>American Journal of Obstetrics and Gynecology</i> , 2010 , 203, 54.e1-5	6.4	28
149	Staff opinions regarding the Newborn Individualized Developmental Care and Assessment Program (NIDCAP). <i>Early Human Development</i> , 2007 , 83, 425-32	2.2	28

148	Phospholipid and surfactant protein A concentrations in tracheal aspirates from infants requiring extracorporeal membrane oxygenation. <i>Journal of Pediatrics</i> , 1992 , 121, 271-4	3.6	28
147	Cardiac output in infants of insulin-dependent diabetic mothers. <i>Journal of Pediatrics</i> , 1985 , 107, 109-14	3.6	28
146	Angiotensin II type 2 receptor ligand PD123319 attenuates hyperoxia-induced lung and heart injury at a low dose in newborn rats. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2014 , 307, L261-72	5.8	27
145	Accurate and simple evaluation of vascular anastomoses in monochorionic placenta using colored dye. <i>Journal of Visualized Experiments</i> , 2011 , e3208	1.6	27
144	Neonatal morbidity in growth-discordant monochorionic twins: comparison between the larger and the smaller twin. <i>Twin Research and Human Genetics</i> , 2012 , 15, 541-6	2.2	27
143	Haemoglobin differences at birth in monochorionic twins without chronic twin-to-twin transfusion syndrome. <i>Prenatal Diagnosis</i> , 2005 , 25, 844-50	3.2	27
142	Epidemiology of Sepsis-like Illness in Young Infants: Major Role of Enterovirus and Human Parechovirus. <i>Pediatric Infectious Disease Journal</i> , 2018 , 37, 113-118	3.4	27
141	Acute peripartum twin-twin transfusion syndrome: incidence, risk factors, placental characteristics and neonatal outcome. <i>Journal of Obstetrics and Gynaecology Research</i> , 2014 , 40, 18-24	1.9	26
140	NMR structures of the C-terminal segment of surfactant protein B in detergent micelles and hexafluoro-2-propanol. <i>Biochemistry</i> , 2004 , 43, 15187-94	3.2	26
139	Single versus repetitive doses of natural surfactant as treatment of respiratory distress syndrome in premature lambs. <i>Pediatric Research</i> , 1985 , 19, 224-7	3.2	26
138	Dynamic surface activity of a fully synthetic phospholipase-resistant lipid/peptide lung surfactant. <i>PLoS ONE</i> , 2007 , 2, e1039	3.7	26
137	No short-term benefits of antenatal corticosteroid treatment in severely preterm growth restricted fetuses: a case-control study. <i>Early Human Development</i> , 2009 , 85, 253-7	2.2	25
136	Time of onset of necrotizing enterocolitis in newborn infants with known prenatal cocaine exposure. <i>Clinical Pediatrics</i> , 1995 , 34, 424-9	1.2	25
135	Revised formula to determine the insertion length of umbilical vein catheters. <i>European Journal of Pediatrics</i> , 2013 , 172, 1011-5	4.1	24
134	Neonatal morbidity in twin-twin transfusion syndrome. <i>Early Human Development</i> , 2011 , 87, 595-9	2.2	24
133	Discordance for Schimmelpenning-Feuerstein-Mims syndrome in monochorionic twins supports the concept of a postzygotic mutation. <i>American Journal of Medical Genetics, Part A</i> , 2010 , 152A, 2816-9	2.5	24
132	Comparison of three lipid formulations for synthetic surfactant with a surfactant protein B analog. <i>Experimental Lung Research</i> , 2005 , 31, 563-79	2.3	24
131	Twin-to-Twin Transfusion Syndrome: From Placental Anastomoses to Long-Term Neurodevelopmental Outcome. <i>Current Pediatric Reviews</i> , 2005 , 1, 191-203	2.8	24

130	Effects of basic developmental care on neonatal morbidity, neuromotor development, and growth at term age of infants who were born at . <i>Pediatrics</i> , 2008 , 121, e239-45	7.4	23
129	Parvovirus B19 infection in pregnancy: maternal and fetal viral load measurements related to clinical parameters. <i>Prenatal Diagnosis</i> , 2007 , 27, 46-50	3.2	23
128	In utero acquired limb ischemia in monochorionic twins with and without twin-to-twin transfusion syndrome. <i>Prenatal Diagnosis</i> , 2008 , 28, 800-4	3.2	23
127	Cerebral injury in monochorionic twins with selective intrauterine growth restriction and/or birthweight discordance. <i>American Journal of Obstetrics and Gynecology</i> , 2008 , 199, 628.e1-5	6.4	23
126	Sensitivity of synthetic surfactants to albumin inhibition in preterm rabbits. <i>Molecular Genetics and Metabolism</i> , 1999 , 66, 40-8	3.7	23
125	Prevention of oxygen toxicity with superoxide dismutase and catalase in premature lambs. <i>Journal of Free Radicals in Biology & Medicine</i> , 1986 , 2, 289-93		23
124	Arterio-arterial vascular anastomoses in monochorionic twin placentas with and without twin anemia-polycythemia sequence. <i>Placenta</i> , 2012 , 33, 227-9	3.4	22
123	Bone Morphogenetic Protein 9 Protects against Neonatal Hyperoxia-Induced Impairment of Alveolarization and Pulmonary Inflammation. <i>Frontiers in Physiology</i> , 2017 , 8, 486	4.6	22
122	Long-Term follow up after intra-Uterine transfusionS; the LOTUS study. <i>BMC Pregnancy and Childbirth</i> , 2010 , 10, 77	3.2	22
121	Profiling the preterm or VLBW born adolescent; implications of the Dutch POPS cohort follow-up studies. <i>Early Human Development</i> , 2015 , 91, 97-102	2.2	21
120	Growth-restricted preterm newborns are predisposed to functional adrenal hyperandrogenism in adult life. <i>European Journal of Endocrinology</i> , 2010 , 163, 681-9	6.5	21
119	Cord blood Clara cell protein CC16 predicts the development of bronchopulmonary dysplasia. <i>European Journal of Pediatrics</i> , 2008 , 167, 1305-12	4.1	21
118	Decreased Cardiac Output in Infants of Mothers Who Abused Cocaine. <i>Pediatrics</i> , 1990 , 85, 30-32	7.4	21
117	Increased Cerebral Blood Flow Velocity in Infants of Mothers Who Abuse Cocaine. <i>Pediatrics</i> , 1990 , 85, 733-736	7.4	21
116	Synthetic surfactant containing SP-B and SP-C mimics is superior to single-peptide formulations in rabbits with chemical acute lung injury. <i>PeerJ</i> , 2014 , 2, e393	3.1	21
115	Ultrasound detection of posterior fossa abnormalities in full-term neonates. <i>Early Human Development</i> , 2012 , 88, 233-9	2.2	20
114	Mask versus Nasal Tube for Stabilization of Preterm Infants at Birth: Respiratory Function Measurements. <i>Journal of Pediatrics</i> , 2015 , 167, 81-5.e1	3.6	20
113	Brain imaging findings in very preterm infants throughout the neonatal period: part II. Relation with perinatal clinical data. <i>Early Human Development</i> , 2009 , 85, 111-5	2.2	20

112	Parvovirus B19 infection in pregnancy studied by maternal viral load and immune responses. <i>Fetal Diagnosis and Therapy</i> , 2007 , 22, 55-62	2.4	20
111	Left and right ventricular output in newborn infants undergoing extracorporeal membrane oxygenation. <i>Critical Care Medicine</i> , 1990 , 18, 148-51	1.4	20
110	A synthetic segment of surfactant protein A: structure, in vitro surface activity, and in vivo efficacy. <i>Pediatric Research</i> , 1996 , 39, 938-46	3.2	20
109	KL β peptide induces reversible collapse structures on multiple length scales in model lung surfactant. <i>Biophysical Journal</i> , 2011 , 101, 2957-65	2.9	19
108	Diffuse hyperechogenicity of basal ganglia and thalami in preterm neonates: a physiologic finding?. <i>Radiology</i> , 2011 , 258, 944-50	20.5	19
107	Spatial and temporal expression of surfactant proteins in hyperoxia-induced neonatal rat lung injury. <i>BMC Pulmonary Medicine</i> , 2006 , 6, 8	3.5	19
106	One-year follow-up of 66 premature infants weighing 500 to 699 grams treated with a single dose of synthetic surfactant or air placebo at birth: results of a double-blind trial. American Exosurf Neonatal Study Group I. <i>Journal of Pediatrics</i> , 1995 , 126, S13-9	3.6	19
105	Augmentation of superoxide dismutase and catalase activity in alveolar type II cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1991 , 4, 364-8	5.7	19
104	Cardiac arrhythmias associated with umbilical venous catheterisation in neonates. <i>BMJ Case Reports</i> , 2009 , 2009,	0.9	19
103	Inactivation of surfactant in rat lungs. <i>Pediatric Research</i> , 1996 , 39, 236-40	3.2	19
102	Design of Surfactant Protein B Peptide Mimics Based on the Saposin Fold for Synthetic Lung Surfactants. <i>Biomedicine Hub</i> , 2016 , 1,	1.3	18
101	Posterior fossa abnormalities in high-risk term infants: comparison of ultrasound and MRI. <i>European Radiology</i> , 2015 , 25, 2575-83	8	18
100	Neonatal morbidity after exchange transfusion for red cell alloimmune hemolytic disease. <i>Neonatology</i> , 2013 , 103, 141-7	4	18
99	Use of rifampin in persistent coagulase negative staphylococcal bacteremia in neonates. <i>BMC Pediatrics</i> , 2010 , 10, 84	2.6	18
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97	The perfusion index of healthy term infants during transition at birth. <i>European Journal of Pediatrics</i> , 2016 , 175, 475-9	4.1	17
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