

Ola Didrik Saugstad

List of Publications by Year in descending order

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487
papers

16,846
citations

15504

65
h-index

22832

112
g-index

544
all docs

544
docs citations

544
times ranked

11895
citing authors

#	ARTICLE	IF	CITATIONS
1	European Consensus Guidelines on the Management of Respiratory Distress Syndrome – 2019 Update. <i>Neonatology</i> , 2019, 115, 432-450.	2.0	780
2	Maternal Supplementation With Very-Long-Chain n-3 Fatty Acids During Pregnancy and Lactation Augments Children’s IQ at 4 Years of Age. <i>Pediatrics</i> , 2003, 111, e39-e44.	2.1	777
3	Maternal Body Mass Index and the Risk of Fetal Death, Stillbirth, and Infant Death. <i>JAMA - Journal of the American Medical Association</i> , 2014, 311, 1536.	7.4	480
4	European Consensus Guidelines on the Management of Neonatal Respiratory Distress Syndrome in Preterm Infants - 2013 Update. <i>Neonatology</i> , 2013, 103, 353-368.	2.0	435
5	European Consensus Guidelines on the Management of Respiratory Distress Syndrome - 2016 Update. <i>Neonatology</i> , 2017, 111, 107-125.	2.0	399
6	Hypoxanthine as an Indicator of Hypoxia: Its Role in Health and Disease through Free Radical Production. <i>Pediatric Research</i> , 1988, 23, 143-150.	2.3	370
7	Resuscitation of Asphyxiated Newborn Infants With Room Air or Oxygen: An International Controlled Trial: The Resair 2 Study. <i>Pediatrics</i> , 1998, 102, e1-e1.	2.1	356
8	Oxidative Stress in the Newborn – A 30-Year Perspective. <i>Neonatology</i> , 2005, 88, 228-236.	2.0	308
9	Resuscitation of Newborn Infants with 21% or 100% Oxygen: An Updated Systematic Review and Meta-Analysis. <i>Neonatology</i> , 2008, 94, 176-182.	2.0	299
10	Bronchopulmonary dysplasia – oxidative stress and antioxidants. <i>Seminars in Fetal and Neonatal Medicine</i> , 2003, 8, 39-49.	2.7	288
11	Risk factors for sudden intrauterine unexplained death: Epidemiologic characteristics of singleton cases in Oslo, Norway, 1986-1995. <i>American Journal of Obstetrics and Gynecology</i> , 2001, 184, 694-702.	1.3	260
12	Optimal Oxygenation of Extremely Low Birth Weight Infants: A Meta-Analysis and Systematic Review of the Oxygen Saturation Target Studies. <i>Neonatology</i> , 2014, 105, 55-63.	2.0	258
13	Resuscitation of Asphyxiated Newborn Infants with Room Air or 100% Oxygen. <i>Pediatric Research</i> , 1993, 34, 809-812.	2.3	253
14	European Consensus Guidelines on the Management of Neonatal Respiratory Distress Syndrome in Preterm Infants – 2010 Update. <i>Neonatology</i> , 2010, 97, 402-417.	2.0	219
15	Oxygen Toxicity in the Neonatal Period. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 1990, 79, 881-892.	1.5	206
16	Hypoxanthine as a Measurement of Hypoxia. <i>Pediatric Research</i> , 1975, 9, 158-161.	2.3	190
17	Effect of Supplementing Pregnant and Lactating Mothers With n-3 Very-Long-Chain Fatty Acids on Children’s IQ and Body Mass Index at 7 Years of Age. <i>Pediatrics</i> , 2008, 122, e472-e479.	2.1	190
18	Physical Activity and the Risk of Preeclampsia. <i>Epidemiology</i> , 2014, 25, 331-343.	2.7	186

#	ARTICLE	IF	CITATIONS
19	Resuscitation of Depressed Newborn Infants with Ambient Air or Pure Oxygen: A Meta-Analysis. <i>Neonatology</i> , 2005, 87, 27-34.	2.0	170
20	Oxygen in Health and Disease: Regulation of Oxygen Homeostasis-Clinical Implications. <i>Pediatric Research</i> , 2009, 65, 261-268.	2.3	166
21	Update on oxygen radical disease in neonatology. <i>Current Opinion in Obstetrics and Gynecology</i> , 2001, 13, 147-153.	2.0	157
22	Planned cesarean versus planned vaginal delivery at term: Comparison of newborn infant outcomes. <i>American Journal of Obstetrics and Gynecology</i> , 2006, 195, 1538-1543.	1.3	140
23	Resuscitation of Newborn Infants With 21% or 100% Oxygen: Follow-Up at 18 to 24 Months. <i>Pediatrics</i> , 2003, 112, 296-300.	2.1	138
24	In Search of the Optimal Oxygen Saturation for Extremely Low Birth Weight Infants: A Systematic Review and Meta-Analysis. <i>Neonatology</i> , 2011, 100, 1-8.	2.0	129
25	Physical activity and the risk of gestational diabetes mellitus: a systematic review and dose-response meta-analysis of epidemiological studies. <i>European Journal of Epidemiology</i> , 2016, 31, 967-997.	5.7	129
26	Oxygen radical disease in the newborn, revisited: Oxidative stress and disease in the newborn period. <i>Free Radical Biology and Medicine</i> , 2019, 142, 61-72.	2.9	123
27	European consensus guidelines on the management of neonatal respiratory distress syndrome. <i>Journal of Perinatal Medicine</i> , 2007, 35, 175-86.	1.4	119
28	Resuscitation with 100% O ₂ Increases Cerebral Injury in Hypoxemic Piglets. <i>Pediatric Research</i> , 2004, 56, 783-790.	2.3	118
29	Plasma Hypoxanthine Concentrations in Pigs. <i>European Surgical Research</i> , 1980, 12, 123-129.	1.3	110
30	Metabolomic Analyses of Plasma Reveals New Insights into Asphyxia and Resuscitation in Pigs. <i>PLoS ONE</i> , 2010, 5, e9606.	2.5	108
31	Hypoxemia and Reoxygenation with 21% or 100% Oxygen in Newborn Pigs: Changes in Blood Pressure, Base Deficit, and Hypoxanthine and Brain Morphology. <i>Pediatric Research</i> , 1992, 32, 107-113.	2.3	105
32	Outcomes of oxygen saturation targeting during delivery room stabilisation of preterm infants. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2018, 103, F446-F454.	2.8	103
33	Setting Research Priorities to Reduce Almost One Million Deaths from Birth Asphyxia by 2015. <i>PLoS Medicine</i> , 2011, 8, e1000389.	8.4	101
34	Oxygen and oxidative stress in bronchopulmonary dysplasia. <i>Journal of Perinatal Medicine</i> , 2010, 38, 571-7.	1.4	95
35	Is Oxygen More Toxic Than Currently Believed?. <i>Pediatrics</i> , 2001, 108, 1203-1205.	2.1	94
36	Population and Disease-Based Prevalence of the Common Mutations Associated With Surfactant Deficiency. <i>Pediatric Research</i> , 2008, 63, 645-649.	2.3	94

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37	Targeted Oxygen in the Resuscitation of Preterm Infants, a Randomized Clinical Trial. <i>Pediatrics</i> , 2017, 139, .	2.1	93
38	Role of xanthine oxidase and its inhibitor in hypoxia: reoxygenation injury. <i>Pediatrics</i> , 1996, 98, 103-7.	2.1	93
39	Leptin Levels in Pregnant Women and Newborn Infants: Gender Differences and Reduction During the Neonatal Period. <i>Pediatrics</i> , 1998, 101, e12-e12.	2.1	91
40	Supplementation of n-3 fatty acids during pregnancy and lactation reduces maternal plasma lipid levels and provides DHA to the infants. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2006, 19, 397-406.	1.5	90
41	Resuscitation of Hypoxic Newborn Piglets With Oxygen Induces a Dose-Dependent Increase in Markers of Oxidation. <i>Pediatric Research</i> , 2007, 62, 559-563.	2.3	85
42	Return of spontaneous circulation with a compression:ventilation ratio of 15:2 versus 3:1 in newborn pigs with cardiac arrest due to asphyxia. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2011, 96, F417-F421.	2.8	84
43	Maternal Smoking and Oral Clefts. <i>Epidemiology</i> , 2008, 19, 606-615.	2.7	83
44	Endonuclease VIII-like 3 (Neil3) DNA glycosylase promotes neurogenesis induced by hypoxia-ischemia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 18802-18807.	7.1	83
45	Extended series of cardiac compressions during CPR in a swine model of perinatal asphyxia. <i>Resuscitation</i> , 2010, 81, 1571-1576.	3.0	82
46	Presence of ochratoxin A in human milk in relation to dietary intake. <i>Food Additives and Contaminants</i> , 2001, 18, 321-327.	2.0	81
47	Optimal Oxygenation at Birth and in the Neonatal Period. <i>Neonatology</i> , 2007, 91, 319-322.	2.0	81
48	Goal directed reaching and postural control in supine position in healthy infants. <i>Behavioural Brain Research</i> , 2000, 115, 9-18.	2.2	80
49	Variants of developmental genes (TGFA, TGFB3, andMSX1) and their associations with orofacial clefts: A case-parent triad analysis. <i>Genetic Epidemiology</i> , 2003, 24, 230-239.	1.3	80
50	Reactive oxygen metabolites relax the lamb ductus arteriosus by stimulating prostaglandin production.. <i>Circulation Research</i> , 1989, 64, 1-8.	4.5	79
51	Sudden Infant Death Syndrome Victims Show Local Immunoglobulin M Response in Tracheal Wall and Immunoglobulin A Response in Duodenal Mucosa. <i>Pediatric Research</i> , 1992, 31, 372-375.	2.3	79
52	Erythropoietin, protein, and iron supplementation and the prevention of anaemia of prematurity.. <i>Archives of Disease in Childhood</i> , 1993, 69, 19-23.	1.9	79
53	Kinematic Quality of Reaching Movements in Preterm Infants. <i>Pediatric Research</i> , 2003, 53, 836-842.	2.3	77
54	Oxygen and retinopathy of prematurity. <i>Journal of Perinatology</i> , 2006, 26, S46-S50.	2.0	77

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55	Meconium Aspiration Syndrome: Possible Pathophysiological Mechanisms and Future Potential Therapies. <i>Neonatology</i> , 2015, 107, 225-230.	2.0	77
56	Cerebral Inflammatory Response After Fetal Asphyxia and Hyperoxic Resuscitation in Newborn Sheep. <i>Pediatric Research</i> , 2007, 62, 71-77.	2.3	76
57	Guidelines for the management of postterm pregnancy. <i>Journal of Perinatal Medicine</i> , 2010, 38, 111-9.	1.4	75
58	Higher or lower oxygen for delivery room resuscitation of preterm infants below 28 completed weeks gestation: a meta-analysis. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2017, 102, F24-F30.	2.8	75
59	Adverse Effects of Nicotine and Interleukin-1 β on Autoresuscitation After Apnea in Piglets: Implications for Sudden Infant Death Syndrome. <i>Pediatrics</i> , 2000, 105, e52-e52.	2.1	72
60	Resuscitation of newborn infants: from oxygen to room air. <i>Lancet, The</i> , 2010, 376, 1970-1971.	13.7	72
61	A new biochemical method for estimation of postmortem time. <i>Forensic Science International</i> , 1991, 51, 139-146.	2.2	71
62	Fatty acid composition in maternal milk and plasma during supplementation with cod liver oil. <i>European Journal of Clinical Nutrition</i> , 1998, 52, 839-845.	2.9	71
63	Oxygenation of the Newborn: A Molecular Approach. <i>Neonatology</i> , 2012, 101, 315-325.	2.0	70
64	Diving seals, ischemia-reperfusion and oxygen radicals. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 1998, 119, 975-980.	1.8	68
65	Hypoxanthine and Oxygen Induced Lung Injury: A Possible Basic Mechanism of Tissue Damage?. <i>Pediatric Research</i> , 1984, 18, 501-504.	2.3	67
66	Gene Expression Profiling in Preterm Infants: New Aspects of Bronchopulmonary Dysplasia Development. <i>PLoS ONE</i> , 2013, 8, e78585.	2.5	67
67	Hydrogen Peroxide Production in Leukocytes during Cerebral Hypoxia and Reoxygenation with 100% or 21% Oxygen in Newborn Piglets. <i>Pediatric Research</i> , 2001, 49, 834-842.	2.3	66
68	Elevated levels of hypoxanthine in vitreous humor indicate prolonged cerebral hypoxia in victims of sudden infant death syndrome. <i>Pediatrics</i> , 1988, 82, 615-8.	2.1	66
69	Chronic Lung Disease: The Role of Oxidative Stress. <i>Neonatology</i> , 1998, 74, 21-28.	2.4	64
70	Oxygen for Newborn Resuscitation: How Much Is Enough?. <i>Pediatrics</i> , 2006, 118, 789-792.	2.1	64
71	Resuscitation of Severely Asphyctic Newborn Pigs with Cardiac Arrest by Using 21% or 100% Oxygen. <i>Neonatology</i> , 2010, 98, 64-72.	2.0	64
72	Cerebral hypoxemia-ischemia and reoxygenation with 21% or 100% oxygen in newborn piglets: Effects on extracellular levels of excitatory amino acids and microcirculation. <i>Pediatric Critical Care Medicine</i> , 2001, 2, 340-345.	0.5	62

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73	Resuscitation with supplementary oxygen induces oxidative injury in the cerebral cortex. <i>Free Radical Biology and Medicine</i> , 2012, 53, 1061-1067.	2.9	61
74	Physical activity and the risk of preterm birth: a systematic review and meta-analysis of epidemiological studies. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2017, 124, 1816-1826.	2.3	61
75	Cerebral blood flow and evoked potentials during reoxygenation with 21 or 100% O ₂ in newborn pigs. <i>Journal of Applied Physiology</i> , 1993, 75, 2054-2060.	2.5	60
76	Hypoxanthine levels in vitreous humor: evidence of hypoxia in most infants who died of sudden infant death syndrome. <i>Pediatrics</i> , 1991, 87, 306-10.	2.1	59
77	Quality of Reaching and Postural Control in Young Preterm Infants Is Related to Neuromotor Outcome at 6 Years. <i>Pediatric Research</i> , 2005, 58, 347-353.	2.3	58
78	Oxygen saturations immediately after birth. <i>Journal of Pediatrics</i> , 2006, 148, 569-570.	1.8	55
79	Reducing Global Neonatal Mortality Is Possible. <i>Neonatology</i> , 2011, 99, 250-257.	2.0	54
80	Resuscitation with Room-Air or Oxygen Supplementation. <i>Clinics in Perinatology</i> , 1998, 25, 741-756.	2.1	53
81	Reduction in Neonatal Mortality in Chile Between 1990 and 2000. <i>Pediatrics</i> , 2006, 117, e949-e954.	2.1	53
82	Oxygen Saturation Targets in Preterm Infants and Outcomes at 18-24 Months: A Systematic Review. <i>Pediatrics</i> , 2017, 139, .	2.1	53
83	Chorioamnionitis as a Risk Factor for Retinopathy of Prematurity: A Systematic Review and Meta-Analysis. <i>Neonatology</i> , 2014, 105, 189-199.	2.0	52
84	Postural Adjustments in Preterm Infants at 4 and 6 Months Post-Term During Voluntary Reaching in Supine Position. <i>Pediatric Research</i> , 2003, 54, 826-833.	2.3	51
85	Plasma hypoxanthine levels in newborn infants: A specific indicator of hypoxia. <i>Journal of Perinatal Medicine</i> , 1982, 10, 266-272.	1.4	50
86	Role of myoinositol in regulation of surfactant phospholipids in the newborn. <i>Early Human Development</i> , 1985, 10, 245-254.	1.8	50
87	Interleukin-10 reverses acute detrimental effects of endotoxin-induced inflammation on perinatal cerebral hypoxia-ischemia. <i>Brain Research</i> , 2002, 942, 87-94.	2.2	50
88	Oxygen therapy of the newborn from molecular understanding to clinical practice. <i>Pediatric Research</i> , 2019, 85, 20-29.	2.3	50
89	Effects of hypoxemia and reoxygenation with 21% or 100% oxygen in newborn piglets. <i>Critical Care Medicine</i> , 1997, 25, 1384-1391.	0.9	50
90	Reoxygenation with 100 or 21% Oxygen after Cerebral Hypoxemia-Ischemia-Hypercapnia in Newborn Piglets. <i>Neonatology</i> , 2004, 85, 105-111.	2.0	47

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91	Managing Oxygen Therapy during Delivery Room Stabilization of Preterm Infants. <i>Journal of Pediatrics</i> , 2012, 160, 158-161.	1.8	46
92	Kynurenine Pathway in Autism Spectrum Disorders in Children. <i>Neuropsychobiology</i> , 2017, 76, 82-88.	1.9	46
93	Use of Oxygen for Resuscitation of the Extremely Low Birth Weight Infant. <i>Pediatrics</i> , 2010, 125, 389-391.	2.1	45
94	Resuscitation of Hypoxic Piglets with 100% O2 Increases Pulmonary Metalloproteinases and IL-8. <i>Pediatric Research</i> , 2005, 58, 542-548.	2.3	43
95	Oxygen radicals and pulmonary damage. <i>Pediatric Pulmonology</i> , 1985, 1, 167-175.	2.0	42
96	Hypoxanthine, xanthine, and uric acid in newborn pigs during hypoxemia followed by resuscitation with room air or 100% oxygen. <i>Critical Care Medicine</i> , 1993, 21, 1058-1065.	0.9	42
97	Response to resuscitation of the newborn: Early prognostic variables. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2005, 94, 890-895.	1.5	41
98	Increased hypoxanthine concentrations in cerebrospinal fluid of infants with hydrocephalus. <i>Journal of Pediatrics</i> , 1983, 103, 44-48.	1.8	40
99	Response to resuscitation of the newborn: Early prognostic variables. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2005, 94, 890-895.	1.5	40
100	Reoxygenation of Hypoxic Mice with 100% Oxygen Induces Brain Nuclear Factor-kappa B. <i>Pediatric Research</i> , 2005, 58, 941-945.	2.3	39
101	A new tool for the validation of umbilical cord acid-base data. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2010, 117, 1544-1552.	2.3	39
102	Neurodevelopmental Outcome of Infants Resuscitated with Air or 100% Oxygen: A Systematic Review and Meta-Analysis. <i>Neonatology</i> , 2012, 102, 98-103.	2.0	39
103	Systematic review and meta-analysis of optimal initial fraction of oxygen levels in the delivery room at 32 weeks. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2014, 103, 744-751.	1.5	39
104	Reactive Oxygen Metabolites Produce Pulmonary Vasoconstriction in Young Pigs. <i>Pediatric Research</i> , 1991, 29, 543-547.	2.3	38
105	Cleft palate, transforming growth factor alpha gene variants, and maternal exposures: Assessing gene-environment interactions in case-parent triads. <i>Genetic Epidemiology</i> , 2003, 25, 367-374.	1.3	38
106	Hypoxanthine, Xanthine, and Uric Acid Concentrations in the Cerebrospinal Fluid, Plasma, and Urine of Hypoxemic Pigs. <i>Pediatric Research</i> , 1990, 28, 477-481.	2.3	37
107	Changes in the concentration and distribution of immunoglobulin-producing cells in SIDS palatine tonsils. <i>Pediatric Allergy and Immunology</i> , 1995, 6, 48-55.	2.6	37
108	Oxygen radical disease in neonatology. <i>Seminars in Fetal and Neonatal Medicine</i> , 1998, 3, 229-238.	2.7	37

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109	Resuscitation of newborn infants with room air or oxygen. <i>Seminars in Fetal and Neonatal Medicine</i> , 2001, 6, 233-239.	2.7	37
110	Increased myocardial matrix metalloproteinases in hypoxic newborn pigs during resuscitation: effects of oxygen and carbon dioxide. <i>European Journal of Clinical Investigation</i> , 2004, 34, 459-466.	3.4	37
111	Meconium Aspiration Syndrome Induces Complement-Associated Systemic Inflammatory Response in Newborn Piglets. <i>Scandinavian Journal of Immunology</i> , 2005, 61, 217-225.	2.7	37
112	Development of a reliable method based on ultra-performance liquid chromatography coupled to tandem mass spectrometry to measure thiol-associated oxidative stress in whole blood samples. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 123, 104-112.	2.8	37
113	Cytokine Profile in Autism Spectrum Disorders in Children. <i>Journal of Molecular Neuroscience</i> , 2017, 61, 1-7.	2.3	37
114	Pulmonary Hemodynamics and Plasma Endothelin-1 during Hypoxemia and Reoxygenation with Room Air or 100% Oxygen in a Piglet Model. <i>Pediatric Research</i> , 1998, 44, 843-849.	2.3	37
115	Ascorbic acid enhances hydroxyl radical formation in iron-fortified infant cereals and infant formulas. <i>European Journal of Pediatrics</i> , 1997, 156, 488-492.	2.7	36
116	Early cerebral metabolic and electrophysiological recovery during controlled hypoxemic resuscitation in piglets. <i>Journal of Applied Physiology</i> , 1998, 84, 1208-1216.	2.5	36
117	Effects of Hypoxia and Reoxygenation with 21% and 100%-Oxygen on Cerebral Nitric Oxide Concentration and Microcirculation in Newborn Piglets. <i>Neonatology</i> , 1999, 76, 153-167.	2.0	36
118	Meconium Is a Potent Activator of Complement in Human Serum and in Piglets. <i>Pediatric Research</i> , 2004, 55, 310-318.	2.3	35
119	Novel mutations in the gene encoding ATP binding cassette protein member A3 (ABCA3) resulting in fatal neonatal lung disease. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2007, 96, 185-190.	1.5	35
120	Release of Hypoxanthine and Phosphate from Exercising Human Legs with and without Arterial Insufficiency. <i>Acta Medica Scandinavica</i> , 1982, 211, 281-286.	0.0	35
121	Oxygen Supplementation in the Delivery Room: Updated Information. <i>Journal of Pediatrics</i> , 2011, 158, e5-e7.	1.8	34
122	Early Upregulation of NLRP3 in the Brain of Neonatal Mice Exposed to Hypoxia-Ischemia: No Early Neuroprotective Effects of NLRP3 Deficiency. <i>Neonatology</i> , 2015, 108, 211-219.	2.0	34
123	Oxygen for Newborns: How Much is Too Much?. <i>Journal of Perinatology</i> , 2005, 25, S45-S49.	2.0	33
124	Spinal muscular atrophy type I combined with atrial septal defect in three sibs. <i>Clinical Genetics</i> , 2008, 38, 81-83.	2.0	33
125	Resuscitation with 100% oxygen increases injury and counteracts the neuroprotective effect of therapeutic hypothermia in the neonatal rat. <i>Pediatric Research</i> , 2012, 71, 247-252.	2.3	33
126	Brain inflammation induced by severe asphyxia in newborn pigs and the impact of alternative resuscitation strategies on the newborn central nervous system. <i>Pediatric Research</i> , 2013, 73, 163-170.	2.3	33

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127	Transcriptome profiling of the newborn mouse lung after hypoxia and reoxygenation: hyperoxic reoxygenation affects mTOR signaling pathway, DNA repair, and JNK-pathway regulation. <i>Pediatric Research</i> , 2013, 74, 536-544.	2.3	33
128	Delivery Room Management of Term and Preterm Newly Born Infants. <i>Neonatology</i> , 2015, 107, 365-371.	2.0	33
129	Oxygenation of the Immature Infant: A Commentary and Recommendations for Oxygen Saturation Targets and Alarm Limits. <i>Neonatology</i> , 2018, 114, 69-75.	2.0	33
130	Preterm Infant Outcomes after Randomization to Initial Resuscitation with FiO ₂ 0.21 or 1.0. <i>Journal of Pediatrics</i> , 2018, 201, 55-61.e1.	1.8	33
131	High-Dose Cannabidiol Induced Hypotension after Global Hypoxia-Ischemia in Piglets. <i>Neonatology</i> , 2017, 112, 143-149.	2.0	32
132	Changes in apnea and autoresuscitation in piglets after intravenous and intrathecal interleukin-1 β injection. <i>Journal of Perinatal Medicine</i> , 1994, 22, 421-432.	1.4	31
133	Acidosis has opposite effects on neuronal survival during hypoxia and reoxygenation. <i>Journal of Neurochemistry</i> , 2003, 84, 1018-1027.	3.9	31
134	Oxygen Toxicity at Birth: The Pieces Are Put Together. <i>Pediatric Research</i> , 2003, 54, 789-789.	2.3	31
135	Comparison of Short- and Long-Duration Oxygen Treatment after Cerebral Asphyxia in Newborn Piglets. <i>Pediatric Research</i> , 2004, 56, 125-131.	2.3	31
136	Oxygen radicals stimulate thromboxane and prostacyclin synthesis and induce vasoconstriction in pig lungs. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 1993, 53, 447-455.	1.2	30
137	Oxygen Saturation in Immature Babies: Revisited with Updated Recommendations. <i>Neonatology</i> , 2011, 100, 217-218.	2.0	30
138	Short-term effects of cannabidiol after global hypoxia-ischemia in newborn piglets. <i>Pediatric Research</i> , 2016, 80, 710-718.	2.3	30
139	Plasma Hypoxanthine in Exteriorized, Acutely Asphyxiated Fetal Lambs. <i>Pediatric Research</i> , 1980, 14, 905-910.	2.3	29
140	The importance of the measurement of ATP depletion and subsequent cell damage with an estimate of size and nature of the market for a practicable method: a review designed for technology transfer. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 1997, 57, 655-672.	1.2	29
141	Complement Activation Reflects Severity of Meconium Aspiration Syndrome in Newborn Pigs. <i>Pediatric Research</i> , 2004, 56, 810-817.	2.3	29
142	Policy benchmarking report on neonatal health and social policies in 13 European countries. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2010, 99, 1624-1629.	1.5	29
143	Meconium-induced release of cytokines is mediated by the TLR4/MD-2 complex in a CD14-dependent manner. <i>Molecular Immunology</i> , 2010, 47, 1226-1234.	2.2	29
144	Antioxidant Protects against Increases in Low Molecular Weight Hyaluronan and Inflammation in Asphyxiated Newborn Pigs Resuscitated with 100% Oxygen. <i>PLoS ONE</i> , 2012, 7, e38839.	2.5	29

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145	Ethical dimensions of periviability. <i>Journal of Perinatal Medicine</i> , 2010, 38, 579-83.	1.4	28
146	Lung Injury in Asphyxiated Newborn Pigs Resuscitated from Cardiac Arrest - The Impact of Supplementary Oxygen, Longer Ventilation Intervals and Chest Compressions at Different Compression-to- Ventilation Ratios. <i>Open Respiratory Medicine Journal</i> , 2012, 6, 89-96.	0.4	28
147	Role of Complement and CD14 in Meconium-Induced Cytokine Formation. <i>Pediatrics</i> , 2008, 121, e496-e505.	2.1	27
148	Vitreous humor hypoxanthine levels in SIDS and infectious death. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 1994, 83, 634-639.	1.5	27
149	Detection of batch effects in liquid chromatography-mass spectrometry metabolomic data using guided principal component analysis. <i>Talanta</i> , 2014, 130, 442-448.	5.5	27
150	Hyperoxia induces epigenetic changes in newborn mice lungs. <i>Free Radical Biology and Medicine</i> , 2018, 121, 51-56.	2.9	27
151	A Review of Oxygen Use During Chest Compressions in Newborns—A Meta-Analysis of Animal Data. <i>Frontiers in Pediatrics</i> , 2018, 6, 400.	1.9	27
152	High postmortem levels of hypoxanthine in the vitreous humor of premature babies with respiratory distress syndrome. <i>Pediatrics</i> , 1988, 81, 395-8.	2.1	27
153	The oxygen radical disease in neonatology. <i>Indian Journal of Pediatrics</i> , 1989, 56, 585-593.	0.8	26
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219	Outcomes of delivery room resuscitation of bradycardic preterm infants: A retrospective cohort study of randomised trials of high vs low initial oxygen concentration and an individual patient data analysis. <i>Resuscitation</i> , 2021, 167, 209-217.	3.0	15
220	Hypoxanthine in cerebrospinal fluid in children. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 1978, 38, 437-440.	1.2	15
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281	Plasma proteome changes in cord blood samples from preterm infants. <i>Journal of Perinatology</i> , 2018, 38, 1182-1189.	2.0	9
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300	Effects of Nicotine Infusion on Striatal Glutamate and Cortical Non-Protein-Bound Iron in Hypoxic Newborn Piglets. <i>Neonatology</i> , 2008, 94, 284-292.	2.0	7
301	Reduced expression of DNA glycosylases in post-hypoxic newborn pigs undergoing therapeutic hypothermia. <i>Brain Research</i> , 2010, 1363, 198-205.	2.2	7
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