

# Mãximo Vento Torres

## List of Publications by Year in descending order

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Version: 2024-02-01

381  
papers

13,958  
citations

28190

55  
h-index

31759

101  
g-index

427  
all docs

427  
docs citations

427  
times ranked

10910  
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.	0.9	780
2	Defining the Reference Range for Oxygen Saturation for Infants After Birth. <i>Pediatrics</i> , 2010, 125, e1340-e1347.	1.0	459
3	European Consensus Guidelines on the Management of Neonatal Respiratory Distress Syndrome in Preterm Infants - 2013 Update. <i>Neonatology</i> , 2013, 103, 353-368.	0.9	435
4	European Consensus Guidelines on the Management of Respiratory Distress Syndrome - 2016 Update. <i>Neonatology</i> , 2017, 111, 107-125.	0.9	399
5	Preterm Resuscitation With Low Oxygen Causes Less Oxidative Stress, Inflammation, and Chronic Lung Disease. <i>Pediatrics</i> , 2009, 124, e439-e449.	1.0	396
6	Resuscitation With Room Air Instead of 100% Oxygen Prevents Oxidative Stress in Moderately Asphyxiated Term Neonates. <i>Pediatrics</i> , 2001, 107, 642-647.	1.0	395
7	Xanthine Oxidase Is Involved in Free Radical Production in Type 1 Diabetes: Protection by Allopurinol. <i>Diabetes</i> , 2002, 51, 1118-1124.	0.3	357
8	Resuscitation of Newborn Infants with 21% or 100% Oxygen: An Updated Systematic Review and Meta-Analysis. <i>Neonatology</i> , 2008, 94, 176-182.	0.9	299
9	Oxidative stress in asphyxiated term infants resuscitated with 100% oxygen. <i>Journal of Pediatrics</i> , 2003, 142, 240-246.	0.9	279
10	Room-Air Resuscitation Causes Less Damage to Heart and Kidney than 100% Oxygen. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2005, 172, 1393-1398.	2.5	243
11	Microbial ecology and host-microbiota interactions during early life stages. <i>Gut Microbes</i> , 2012, 3, 352-365.	4.3	208
12	Achievement of Targeted Saturation Values in Extremely Low Gestational Age Neonates Resuscitated With Low or High Oxygen Concentrations: A Prospective, Randomized Trial. <i>Pediatrics</i> , 2008, 121, 875-881.	1.0	199
13	L-cysteine and glutathione metabolism are impaired in premature infants due to cystathionase deficiency. <i>American Journal of Clinical Nutrition</i> , 1995, 61, 1067-1069.	2.2	176
14	Resuscitation of Depressed Newborn Infants with Ambient Air or Pure Oxygen: A Meta-Analysis. <i>Neonatology</i> , 2005, 87, 27-34.	0.9	170
15	Oxygen and oxidative stress in the perinatal period. <i>Redox Biology</i> , 2017, 12, 674-681.	3.9	170
16	Changes in heart rate in the first minutes after birth. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2010, 95, F177-F181.	1.4	158
17	Early neonatal death: A challenge worldwide. <i>Seminars in Fetal and Neonatal Medicine</i> , 2017, 22, 153-160.	1.1	149
18	Trends in Outcomes for Neonates Born Very Preterm and Very Low Birth Weight in 11 High-Income Countries. <i>Journal of Pediatrics</i> , 2019, 215, 32-40.e14.	0.9	142

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19	In utero exposure to mycophenolate mofetil: A characteristic phenotype?. American Journal of Medical Genetics, Part A, 2008, 146A, 1-7.	0.7	141
20	Survival in Very Preterm Infants: An International Comparison of 10 National Neonatal Networks. Pediatrics, 2017, 140, .	1.0	140
21	Resuscitation of Newborn Infants With 21% or 100% Oxygen: Follow-Up at 18 to 24 Months. Pediatrics, 2003, 112, 296-300.	1.0	138
22	The First Golden Minutes of the Extremely-Low-Gestational-Age Neonate: A Gentle Approach. Neonatology, 2009, 95, 286-298.	0.9	124
23	Using Intensive Care Technology in the Delivery Room: A New Concept for the Resuscitation of Extremely Preterm Neonates. Pediatrics, 2008, 122, 1113-1116.	1.0	118
24	Factors influencing gastrointestinal tract and microbiota immune interaction in preterm infants. Pediatric Research, 2015, 77, 726-731.	1.1	117
25	Antenatal Steroids and Antioxidant Enzyme Activity in Preterm Infants: Influence of Gender and Timing. Antioxidants and Redox Signaling, 2009, 11, 2945-2955.	2.5	113
26	Effects of targeting lower versus higher arterial oxygen saturations on death or disability in preterm infants. The Cochrane Library, 2018, 2018, CD011190.	1.5	112
27	Outcomes of oxygen saturation targeting during delivery room stabilisation of preterm infants. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2018, 103, F446-F454.	1.4	103
28	Ventilator-Associated Pneumonia in Neonatal Patients: An Update. Neonatology, 2014, 105, 98-107.	0.9	98
29	The Evolving Microbiome from Pregnancy to Early Infancy: A Comprehensive Review. Nutrients, 2020, 12, 133.	1.7	98
30	Neonatal Resuscitation and Postresuscitation Care of Infants Born to Mothers with Suspected or Confirmed SARS-CoV-2 Infection. American Journal of Perinatology, 2020, 37, 813-824.	0.6	98
31	Intra-batch effect correction in liquid chromatography-mass spectrometry using quality control samples and support vector regression (QC-SVRC). Analyst, The, 2015, 140, 7810-7817.	1.7	96
32	Free radicals in Alzheimer's disease: Lipid peroxidation biomarkers. Clinica Chimica Acta, 2019, 491, 85-90.	0.5	96
33	Scoping review shows wide variation in the definitions of bronchopulmonary dysplasia in preterm infants and calls for a consensus. Acta Paediatrica, International Journal of Paediatrics, 2017, 106, 366-374.	0.7	88
34	Resuscitation of Hypoxic Newborn Piglets With Oxygen Induces a Dose-Dependent Increase in Markers of Oxidation. Pediatric Research, 2007, 62, 559-563.	1.1	85
35	Potential oxidative stress biomarkers of mild cognitive impairment due to Alzheimer disease. Journal of the Neurological Sciences, 2017, 373, 295-302.	0.3	81
36	Hyperoxemia caused by resuscitation with pure oxygen may alter intracellular redox status by increasing oxidized glutathione in asphyxiated newly born infants. Seminars in Perinatology, 2002, 26, 406-410.	1.1	80

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37	Human milk enhances antioxidant defenses against hydroxyl radical aggression in preterm infants. <i>American Journal of Clinical Nutrition</i> , 2009, 89, 210-215.	2.2	80
38	International Survey of Transfusion Practices for Extremely Premature Infants. <i>Seminars in Perinatology</i> , 2012, 36, 244-247.	1.1	78
39	Resuscitation of Preterm Infants with Different Inspired Oxygen Fractions. <i>Journal of Pediatrics</i> , 2014, 164, 1322-1326.e3.	0.9	77
40	Reliability Parameters to Improve Combination Strategies in Multi-Expert Systems. <i>Pattern Analysis and Applications</i> , 1999, 2, 205-214.	3.1	75
41	Six Years of Experience with the Use of Room Air for the Resuscitation of Asphyxiated Newly Born Term Infants. <i>Neonatology</i> , 2001, 79, 261-267.	0.9	75
42	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.	1.4	75
43	Preterm Gut Microbiome Depending on Feeding Type: Significance of Donor Human Milk. <i>Frontiers in Microbiology</i> , 2018, 9, 1376.	1.5	74
44	Mycophenolate mofetil embryopathy: A newly recognized teratogenic syndrome. <i>European Journal of Medical Genetics</i> , 2017, 60, 16-21.	0.7	71
45	Respiratory Management of Extremely Preterm Infants: An International Survey. <i>Neonatology</i> , 2018, 114, 28-36.	0.9	69
46	Minimally invasive surfactant therapy with a gastric tube is as effective as the intubation, surfactant, and extubation technique in preterm babies. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2014, 103, e229-33.	0.7	68
47	Biomonitoring of bisphenols A, F, S in human milk and probabilistic risk assessment for breastfed infants. <i>Science of the Total Environment</i> , 2019, 668, 797-805.	3.9	68
48	A large database of graphs and its use for benchmarking graph isomorphism algorithms. <i>Pattern Recognition Letters</i> , 2003, 24, 1067-1079.	2.6	66
49	Oxygen for Newborn Resuscitation: How Much Is Enough?. <i>Pediatrics</i> , 2006, 118, 789-792.	1.0	64
50	Oxygen Supplementation in the Neonatal Period: Changing the Paradigm. <i>Neonatology</i> , 2014, 105, 323-331.	0.9	64
51	Environmental Exposure during Pregnancy: Influence on Prenatal Development and Early Life: A Comprehensive Review. <i>Fetal Diagnosis and Therapy</i> , 2021, 48, 245-257.	0.6	63
52	Lipid peroxidation in neurodegeneration. <i>Clinica Chimica Acta</i> , 2019, 497, 178-188.	0.5	62
53	Amniotic Fluid Oxidative and Nitrosative Stress Biomarkers Correlate with Fetal Chronic Hypoxia in Diabetic Pregnancies. <i>Neonatology</i> , 2013, 103, 193-198.	0.9	61
54	Disulfide stress: a novel type of oxidative stress in acute pancreatitis. <i>Free Radical Biology and Medicine</i> , 2014, 70, 265-277.	1.3	61

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55	Approach to seizures in the neonatal period: a European perspective. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2010, 99, 497-501.	0.7	59
56	Nutritional Requirements and Feeding Recommendations for Small for Gestational Age Infants. <i>Journal of Pediatrics</i> , 2013, 162, S81-S89.	0.9	58
57	Ventilator-Associated Pneumonia in Newborn Infants Diagnosed With an Invasive Bronchoalveolar Lavage Technique. <i>Pediatric Critical Care Medicine</i> , 2013, 14, 55-61.	0.2	57
58	A survey of neonatal resuscitation in Spain: gaps between guidelines and practice. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2009, 98, 786-791.	0.7	56
59	Oxygen saturation after birth in preterm infants treated with continuous positive airway pressure and air: assessment of gender differences and comparison with a published nomogram. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2013, 98, F228-F232.	1.4	56
60	L-cysteine and glutathione metabolism are impaired in premature infants due to cystathionase deficiency. <i>American Journal of Clinical Nutrition</i> , 1995, 61, 1067-9.	2.2	56
61	Cord blood interleukin-6 as a predictor of early-onset neonatal sepsis. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2012, 101, e203-7.	0.7	53
62	Urinary Lipid Peroxidation Byproducts: Are They Relevant for Predicting Neonatal Morbidity in Preterm Infants?. <i>Antioxidants and Redox Signaling</i> , 2015, 23, 178-184.	2.5	53
63	Surfactant Administration via Thin Catheter: A Practical Guide. <i>Neonatology</i> , 2019, 116, 211-226.	0.9	53
64	The Use and Misuse of Oxygen During the Neonatal Period. <i>Clinics in Perinatology</i> , 2012, 39, 165-176.	0.8	52
65	Plasma lipid peroxidation biomarkers for early and non-invasive Alzheimer Disease detection. <i>Free Radical Biology and Medicine</i> , 2018, 124, 388-394.	1.3	51
66	Necrotizing enterocolitis following the use of intravenous immunoglobulin for haemolytic disease of the newborn. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2009, 98, 1214-1217.	0.7	50
67	Plasma metabolomics in early Alzheimer's disease patients diagnosed with amyloid biomarker. <i>Journal of Proteomics</i> , 2019, 200, 144-152.	1.2	50
68	Oxygen therapy of the newborn from molecular understanding to clinical practice. <i>Pediatric Research</i> , 2019, 85, 20-29.	1.1	50
69	Antioxidant administration to the mother prevents oxidative stress associated with birth in the neonatal rat. <i>Life Sciences</i> , 1994, 54, 2055-2059.	2.0	48
70	Psychological stress of parents of preterm infants enrolled in an early discharge programme from the neonatal intensive care unit: a prospective randomised trial. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2009, 94, F98-F104.	1.4	48
71	Resuscitation of the term and preterm infant. <i>Seminars in Fetal and Neonatal Medicine</i> , 2010, 15, 216-222.	1.1	47
72	Genome-Wide Expression Profiles in Very Low Birth Weight Infants With Neonatal Sepsis. <i>Pediatrics</i> , 2014, 133, e1203-e1211.	1.0	47

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73	Changes in Perinatal Care and Outcomes in Newborns at the Limit of Viability in Spain: The EPI-SEN Study. <i>Neonatology</i> , 2015, 107, 120-129.	0.9	47
74	Managing Oxygen Therapy during Delivery Room Stabilization of Preterm Infants. <i>Journal of Pediatrics</i> , 2012, 160, 158-161.	0.9	46
75	International variations and trends in the treatment for retinopathy of prematurity. <i>British Journal of Ophthalmology</i> , 2017, 101, 1399-1404.	2.1	46
76	Use of Oxygen for Resuscitation of the Extremely Low Birth Weight Infant. <i>Pediatrics</i> , 2010, 125, 389-391.	1.0	45
77	Signature Verification: Increasing Performance by a Multi-Stage System. <i>Pattern Analysis and Applications</i> , 2000, 3, 169-181.	3.1	44
78	Neonatal assessment in the delivery room – Trial to Evaluate a Specified Type of Apgar (TEST-Apgar). <i>BMC Pediatrics</i> , 2015, 15, 18.	0.7	44
79	Reliable determination of new lipid peroxidation compounds as potential early Alzheimer Disease biomarkers. <i>Talanta</i> , 2018, 184, 193-201.	2.9	44
80	Oxidative Damage of DNA as Early Marker of Alzheimer’s Disease. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6136.	1.8	43
81	A Pharmacoeconomic Evaluation of Seven-Valent Pneumococcal Conjugate Vaccine in Spain. <i>Value in Health</i> , 2004, 7, 36-51.	0.1	42
82	Oropharyngeal administration of mother’s colostrum, health outcomes of premature infants: study protocol for a randomized controlled trial. <i>Trials</i> , 2015, 16, 453.	0.7	42
83	Evaluation of batch effect elimination using quality control replicates in LC-MS metabolite profiling. <i>Analytica Chimica Acta</i> , 2018, 1019, 38-48.	2.6	42
84	Intermittent hypoxemia and oxidative stress in preterm infants. <i>Respiratory Physiology and Neurobiology</i> , 2019, 266, 121-129.	0.7	42
85	Response to resuscitation of the newborn: Early prognostic variables. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2005, 94, 890-895.	0.7	41
86	Response to resuscitation of the newborn: Early prognostic variables. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2005, 94, 890-895.	0.7	40
87	Elevated protein carbonyl and HIF-1 $\alpha$ levels in eyes with proliferative diabetic retinopathy. <i>Acta Ophthalmologica</i> , 2014, 92, 323-327.	0.6	40
88	Analysis of lipid peroxidation biomarkers in extremely low gestational age neonate urines by UPLC-MS/MS. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 4345-4356.	1.9	40
89	Can stress biomarkers predict preterm birth in women with threatened preterm labor?. <i>Psychoneuroendocrinology</i> , 2017, 83, 19-24.	1.3	40
90	On-Capillary Surface-Enhanced Raman Spectroscopy: Determination of Glutathione in Whole Blood Microsamples. <i>Analytical Chemistry</i> , 2018, 90, 9093-9100.	3.2	40

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91	Effect of allopurinol in addition to hypothermia treatment in neonates for hypoxic-ischemic brain injury on neurocognitive outcome (ALBINO): study protocol of a blinded randomized placebo-controlled parallel group multicenter trial for superiority (phase III). <i>BMC Pediatrics</i> , 2019, 19, 210.	0.7	40
92	Neurodevelopmental Outcome of Infants Resuscitated with Air or 100% Oxygen: A Systematic Review and Meta-Analysis. <i>Neonatology</i> , 2012, 102, 98-103.	0.9	39
93	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.	0.7	39
94	Oxidative and nitrosative stress in acute pancreatitis. Modulation by pentoxifylline and oxypurinol. <i>Biochemical Pharmacology</i> , 2012, 83, 122-130.	2.0	38
95	Sepsis in preterm infants causes alterations in mucosal gene expression and microbiota profiles compared to non-septic twins. <i>Scientific Reports</i> , 2016, 6, 25497.	1.6	38
96	Delayed vs Immediate Cord Clamping Changes Oxygen Saturation and Heart Rate Patterns in the First Minutes after Birth. <i>Journal of Pediatrics</i> , 2020, 227, 149-156.e1.	0.9	38
97	A multi-centre randomised controlled trial of respiratory function monitoring during stabilisation of very preterm infants at birth. <i>Resuscitation</i> , 2021, 167, 317-325.	1.3	38
98	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.	1.4	37
99	Aspects of pulse oximetry screening for critical congenital heart defects: when, how and why?. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2016, 101, F162-F167.	1.4	37
100	Validation of the Sepsis MetaScore for Diagnosis of Neonatal Sepsis. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2018, 7, 129-135.	0.6	37
101	Oxygen Supplementation in the Delivery Room: Updated Information. <i>Journal of Pediatrics</i> , 2011, 158, e5-e7.	0.9	34
102	Comparison of mid-infrared transmission spectroscopy with biochemical methods for the determination of macronutrients in human milk. <i>Maternal and Child Nutrition</i> , 2014, 10, 373-382.	1.4	34
103	Pulse oximetry screening for critical congenital heart defects: a European consensus statement. <i>The Lancet Child and Adolescent Health</i> , 2017, 1, 88-90.	2.7	34
104	Equity in coronavirus disease 2019 vaccine development and deployment. <i>American Journal of Obstetrics and Gynecology</i> , 2021, 224, 423-427.	0.7	34
105	Multiclassification: reject criteria for the Bayesian combiner. <i>Pattern Recognition</i> , 1999, 32, 1435-1447.	5.1	33
106	Influence of Sex on Gestational Complications, Fetal-to-Neonatal Transition, and Postnatal Adaptation. <i>Frontiers in Pediatrics</i> , 2018, 6, 63.	0.9	33
107	Communication deficits and avoidance of angry faces in children with autism spectrum disorder. <i>Research in Developmental Disabilities</i> , 2017, 62, 218-226.	1.2	32
108	Model selection for within-batch effect correction in UPLC-MS metabolomics using quality control - Support vector regression. <i>Analytica Chimica Acta</i> , 2018, 1026, 62-68.	2.6	32

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109	Oxidative Stress in the Newborn Period: Useful Biomarkers in the Clinical Setting. <i>Antioxidants</i> , 2018, 7, 193.	2.2	32
110	Biomonitoring of parabens in human milk and estimated daily intake for breastfed infants. <i>Chemosphere</i> , 2020, 240, 124829.	4.2	32
111	Ultra high performance liquid chromatography coupled to tandem mass spectrometry determination of lipid peroxidation biomarkers in newborn serum samples. <i>Analytica Chimica Acta</i> , 2015, 886, 214-220.	2.6	31
112	Survival and Neurodevelopmental Outcomes of Preterms Resuscitated With Different Oxygen Fractions. <i>Pediatrics</i> , 2016, 138, .	1.0	31
113	Topiramate plus Cooling for Hypoxic-Ischemic Encephalopathy: A Randomized, Controlled, Multicenter, Double-Blinded Trial. <i>Neonatology</i> , 2019, 116, 76-84.	0.9	31
114	Biomonitoring of bisphenols A, F, S and parabens in urine of breastfeeding mothers: Exposure and risk assessment. <i>Environmental Research</i> , 2020, 185, 109481.	3.7	31
115	Effect of Supplemental Oxygen on Reinitiation of Breathing after Neonatal Resuscitation in Rat Pups. <i>Pediatric Research</i> , 2007, 61, 698-702.	1.1	30
116	Novel free-radical mediated lipid peroxidation biomarkers in newborn plasma. <i>Analytica Chimica Acta</i> , 2017, 996, 88-97.	2.6	30
117	Abdominal Near-Infrared Spectroscopy Detects Low Mesenteric Perfusion Early in Preterm Infants with Hemodynamic Significant Ductus Arteriosus. <i>Neonatology</i> , 2017, 112, 238-245.	0.9	30
118	A preliminary study to assess the impact of maternal age on stress-related variables in healthy nulliparous women. <i>Psychoneuroendocrinology</i> , 2017, 78, 97-104.	1.3	29
119	Anxiety and depressive symptoms, and stress biomarkers in pregnant women after in vitro fertilization: a prospective cohort study. <i>Human Reproduction</i> , 2018, 33, 1237-1246.	0.4	29
120	Stress and neurodegeneration. <i>Clinica Chimica Acta</i> , 2020, 503, 163-168.	0.5	29
121	Comparing Targeted vs. Untargeted MS2 Data-Dependent Acquisition for Peak Annotation in LC-MS Metabolomics. <i>Metabolites</i> , 2020, 10, 126.	1.3	29
122	Assessment of Oxidative Damage to Proteins and DNA in Urine of Newborn Infants by a Validated UPLC-MS/MS Approach. <i>PLoS ONE</i> , 2014, 9, e93703.	1.1	28
123	What does the world think of ankyloglossia?. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2018, 107, 1733-1738.	0.7	28
124	Neonatal Outcomes in Very Preterm Infants With Severe Congenital Heart Defects: An International Cohort Study. <i>Journal of the American Heart Association</i> , 2020, 9, e015369.	1.6	28
125	Sodium Concentration in Rehydration Fluids for Children with Ketoacidotic Diabetes: Effect on Serum Sodium Concentration. <i>Journal of Pediatrics</i> , 2009, 154, 895-900.	0.9	27
126	Detection of batch effects in liquid chromatography-mass spectrometry metabolomic data using guided principal component analysis. <i>Talanta</i> , 2014, 130, 442-448.	2.9	27



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127	A Review of Oxygen Use During Chest Compressions in Newborns—A Meta-Analysis of Animal Data. <i>Frontiers in Pediatrics</i> , 2018, 6, 400.	0.9	27
128	Biomonitoring of non-persistent pesticides in urine from lactating mothers: Exposure and risk assessment. <i>Science of the Total Environment</i> , 2020, 699, 134385.	3.9	27
129	Variability in the Assessment of “Adequate” Chest Excursion during Simulated Neonatal Resuscitation. <i>Neonatology</i> , 2011, 100, 99-104.	0.9	26
130	Monitoring of system conditioning after blank injections in untargeted UPLC-MS metabolomic analysis. <i>Scientific Reports</i> , 2019, 9, 9822.	1.6	26
131	The Effect of Morbidity and Sex on Postnatal Growth of Very Preterm Infants: A Multicenter Cohort Study. <i>Neonatology</i> , 2019, 115, 348-354.	0.9	26
132	Mycophenolate Mofetil During Pregnancy: Some Words of Caution. <i>Pediatrics</i> , 2008, 122, 184-185.	1.0	25
133	Expression of aquaporins early in human pregnancy. <i>Early Human Development</i> , 2012, 88, 589-594.	0.8	25
134	Plasma metabolite score correlates with Hypoxia time in a newly born piglet model for asphyxia. <i>Redox Biology</i> , 2017, 12, 1-7.	3.9	25
135	New screening approach for Alzheimer’s disease risk assessment from urine lipid peroxidation compounds. <i>Scientific Reports</i> , 2019, 9, 14244.	1.6	25
136	Oxygen Supplementation to Stabilize Preterm Infants in the Fetal to Neonatal Transition: No Satisfactory Answer. <i>Frontiers in Pediatrics</i> , 2016, 4, 29.	0.9	24
137	Clinicians in 25 countries prefer to use lower levels of oxygen to resuscitate preterm infants at birth. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2016, 105, 1061-1066.	0.7	24
138	Changes of the plasma metabolome of newly born piglets subjected to postnatal hypoxia and resuscitation with air. <i>Pediatric Research</i> , 2016, 80, 284-292.	1.1	24
139	Surface enhanced Raman spectroscopic direct determination of low molecular weight biothiols in umbilical cord whole blood. <i>Analyst, The</i> , 2016, 141, 2165-2174.	1.7	24
140	Evolution of Energy Related Metabolites in Plasma from Newborns with Hypoxic-Ischemic Encephalopathy during Hypothermia Treatment. <i>Scientific Reports</i> , 2017, 7, 17039.	1.6	24
141	Variations in Oxygen Saturation Targeting, and Retinopathy of Prematurity Screening and Treatment Criteria in Neonatal Intensive Care Units: An International Survey. <i>Neonatology</i> , 2018, 114, 323-331.	0.9	24
142	Biomonitoring of mercury in hair of breastfeeding mothers living in the Valencian Region (Spain). Levels and predictors of exposure. <i>Chemosphere</i> , 2017, 187, 106-113.	4.2	23
143	The Oxygen Load Supplied during Delivery Room Stabilization of Preterm Infants Modifies the DNA Methylation Profile. <i>Journal of Pediatrics</i> , 2018, 202, 70-76.e2.	0.9	23
144	Effect of donor human milk on host-gut microbiota and metabolic interactions in preterm infants. <i>Clinical Nutrition</i> , 2021, 40, 1296-1309.	2.3	23

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145	Sex-dependent changes in the pulmonary vasoconstriction potential of newborn rats following short-term oxygen exposure. <i>Pediatric Research</i> , 2012, 72, 468-478.	1.1	22
146	Minimally Invasive Surfactant Therapy: An Update. <i>NeoReviews</i> , 2014, 15, e275-e285.	0.4	22
147	Preliminary case control study to establish the correlation between novel peroxidation biomarkers in cord serum and the severity of hypoxic ischemic encephalopathy. <i>Free Radical Biology and Medicine</i> , 2016, 97, 244-249.	1.3	22
148	Protein-bound tyrosine oxidation, nitration and chlorination by-products assessed by ultraperformance liquid chromatography coupled to tandem mass spectrometry. <i>Analytica Chimica Acta</i> , 2016, 913, 104-110.	2.6	22
149	External cavity-quantum cascade laser (EC-QCL) spectroscopy for protein analysis in bovine milk. <i>Analytica Chimica Acta</i> , 2017, 963, 99-105.	2.6	22
150	Neonates in the COVID-19 pandemic. <i>Pediatric Research</i> , 2021, 89, 1038-1040.	1.1	22
151	Biomonitoring of polycyclic aromatic hydrocarbons in the urine of lactating mothers: Urinary levels, association with lifestyle factors, and risk assessment. <i>Environmental Pollution</i> , 2021, 268, 115646.	3.7	22
152	Omics-based Biomarkers for the Early Alzheimer Disease Diagnosis and Reliable Therapeutic Targets Development. <i>Current Neuropharmacology</i> , 2019, 17, 630-647.	1.4	22
153	Short-Term Polycose Substitution for Lactose Reduces Calcium Absorption in Healthy Term Babies. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 1992, 14, 57-61.	0.9	21
154	Learning structural shape descriptions from examples. <i>Pattern Recognition Letters</i> , 2002, 23, 1427-1437.	2.6	21
155	Role of Redox Signaling, Protein Phosphatases and Histone Acetylation in the Inflammatory Cascade in Acute Pancreatitis: Therapeutic Implications. <i>Inflammation and Allergy: Drug Targets</i> , 2010, 9, 97-108.	1.8	21
156	Evaluation of the effect of chance correlations on variable selection using Partial Least Squares-Discriminant Analysis. <i>Talanta</i> , 2013, 116, 835-840.	2.9	21
157	Analysis of multi-source metabolomic data using joint and individual variation explained (JIVE). <i>Analyst</i> , 2015, 140, 4521-4529.	1.7	21
158	Pulse oximeter saturation target limits for preterm infants: a survey among European neonatal intensive care units. <i>European Journal of Pediatrics</i> , 2017, 176, 51-56.	1.3	21
159	Validated analytical method to determine new salivary lipid peroxidation compounds as potential neurodegenerative biomarkers. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 164, 742-749.	1.4	21
160	Newly validated biomarkers of brain damage may shed light into the role of oxidative stress in the pathophysiology of neurocognitive impairment in dietary restricted phenylketonuria patients. <i>Pediatric Research</i> , 2019, 85, 242-250.	1.1	21
161	Experimental support for multidrug resistance transfer potential in the preterm infant gut microbiota. <i>Pediatric Research</i> , 2020, 88, 57-65.	1.1	21
162	Current Practice in Untargeted Human Milk Metabolomics. <i>Metabolites</i> , 2020, 10, 43.	1.3	21

#	ARTICLE	IF	CITATIONS
163	Evaluating the fetus at risk for cardiopulmonary compromise. <i>Seminars in Fetal and Neonatal Medicine</i> , 2013, 18, 324-329.	1.1	20
164	Novel biomarkers in amniotic fluid for early assessment of intraamniotic infection. <i>Free Radical Biology and Medicine</i> , 2015, 89, 734-740.	1.3	20
165	Reference ranges for cortisol and $\alpha$ -amylase in mother and newborn saliva samples at different perinatal and postnatal periods. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1022, 249-255.	1.2	20
166	Is the C242T Polymorphism of the <i>CYBA</i> Gene Linked with Oxidative Stress-Associated Complications of Prematurity?. <i>Antioxidants and Redox Signaling</i> , 2017, 27, 1432-1438.	2.5	20
167	Biomonitoring of polychlorinated dibenzo-p-dioxins (PCDDs), polychlorinated dibenzofurans (PCDFs) and dioxin-like polychlorinated biphenyls (dl-PCBs) in human milk: Exposure and risk assessment for lactating mothers and breastfed children from Spain. <i>Science of the Total Environment</i> , 2020, 744, 140710.	3.9	20
168	A Cascaded Multiple Expert System for Verification. <i>Lecture Notes in Computer Science</i> , 2000, , 330-339.	1.0	20
169	Is 100% oxygen necessary for the resuscitation of newborn infants?. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2004, 15, 75-84.	0.7	19
170	Tailoring Oxygen Needs of Extremely Low Birth Weight Infants in the Delivery Room. <i>Neonatology</i> , 2011, 99, 342-348.	0.9	19
171	Managing Preterm Infants in the First Minutes of Life. <i>Paediatric Respiratory Reviews</i> , 2015, 16, 151-156.	1.2	19
172	Neuropsychological assessment and cortisol levels in biofluids from early Alzheimer's disease patients. <i>Experimental Gerontology</i> , 2019, 123, 10-16.	1.2	19
173	Metabolomic Analysis of the Effect of Postnatal Hypoxia on the Retina in a Newly Born Piglet Model. <i>PLoS ONE</i> , 2013, 8, e66540.	1.1	19
174	Vincristine, an efficacious alternative for diffuse neonatal haemangiomas. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2010, 99, 311-315.	0.7	18
175	Development of a reliable analytical method to determine lipid peroxidation biomarkers in newborn plasma samples. <i>Talanta</i> , 2016, 153, 152-157.	2.9	18
176	The Burden of Respiratory Disease in Very-Low-Birth-Weight Infants: Changes in Perinatal Care and Outcomes in a Decade in Spain. <i>Neonatology</i> , 2017, 112, 30-39.	0.9	18
177	A review of international clinical practice guidelines for the use of oxygen in the delivery room resuscitation of preterm infants. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2018, 107, 20-27.	0.7	18
178	Perinatal health services organization for preterm births: a multinational comparison. <i>Journal of Perinatology</i> , 2017, 37, 762-768.	0.9	17
179	Administration of surfactant using less invasive techniques as a part of a non-aggressive paradigm towards preterm infants. <i>Early Human Development</i> , 2014, 90, S57-S59.	0.8	16
180	Assessment of phospholipid synthesis related biomarkers for perinatal asphyxia: a piglet study. <i>Scientific Reports</i> , 2017, 7, 40315.	1.6	16

#	ARTICLE	IF	CITATIONS
181	DHA reduces oxidative stress following hypoxia-ischemia in newborn piglets: a study of lipid peroxidation products in urine and plasma. <i>Journal of Perinatal Medicine</i> , 2018, 46, 209-217.	0.6	16
182	The International Network for Evaluating Outcomes (iNeo) of neonates: evolution, progress and opportunities. <i>Translational Pediatrics</i> , 2019, 8, 170-181.	0.5	16
183	Oxidative stress - Related spontaneous preterm delivery challenges in causality determination, prevention and novel strategies in reduction of the sequelae. <i>Free Radical Biology and Medicine</i> , 2019, 142, 52-60.	1.3	16
184	Plasma alterations in cholinergic and serotonergic systems in early Alzheimer Disease: Diagnosis utility. <i>Clinica Chimica Acta</i> , 2020, 500, 233-240.	0.5	16
185	Probiotic characterization of <i>Lactobacillus</i> strains isolated from breast milk and employment for the elaboration of a fermented milk product. <i>Journal of Functional Foods</i> , 2021, 84, 104599.	1.6	16
186	Whole Blood Gene Expression Reveals Specific Transcriptome Changes in Neonatal Encephalopathy. <i>Neonatology</i> , 2019, 115, 68-76.	0.9	15
187	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.	1.3	15
188	Resuscitation of very preterm infants with 30% vs. 65% oxygen at birth: study protocol for a randomized controlled trial. <i>Trials</i> , 2012, 13, 65.	0.7	14
189	Neonatal Outcomes of Very Preterm or Very Low Birth Weight Triplets. <i>Pediatrics</i> , 2018, 142, .	1.0	14
190	Assessment of lipid peroxidation and artificial neural network models in early Alzheimer Disease diagnosis. <i>Clinical Biochemistry</i> , 2019, 72, 64-70.	0.8	14
191	Metabolic Phenotypes of Hypoxic-Ischemic Encephalopathy with Normal vs. Pathologic Magnetic Resonance Imaging Outcomes. <i>Metabolites</i> , 2020, 10, 109.	1.3	14
192	DNA Methylation Analysis to Unravel Altered Genetic Pathways Underlying Early Onset and Late Onset Neonatal Sepsis. A Pilot Study. <i>Frontiers in Immunology</i> , 2021, 12, 622599.	2.2	14
193	Variations in Neonatal Length of Stay of Babies Born Extremely Preterm: An International Comparison Between iNeo Networks. <i>Journal of Pediatrics</i> , 2021, 233, 26-32.e6.	0.9	14
194	Oxygen in the neonatal period: Oxidative stress, oxygen load and epigenetic changes. <i>Seminars in Fetal and Neonatal Medicine</i> , 2020, 25, 101090.	1.1	14
195	A Survey of Intravenous Sodium Bicarbonate in Neonatal Asphyxia among European Neonatologists: Gaps between Scientific Evidence and Clinical Practice. <i>Neonatology</i> , 2011, 99, 170-176.	0.9	13
196	Oxygen and preterm infant resuscitation: what else do we need to know?. <i>Current Opinion in Pediatrics</i> , 2018, 30, 192-198.	1.0	13
197	Non-invasive monitoring of stress biomarkers in the newborn period. <i>Seminars in Fetal and Neonatal Medicine</i> , 2019, 24, 101002.	1.1	13
198	Family Rooms in Neonatal Intensive Care Units and Neonatal Outcomes: An International Survey and Linked Cohort Study. <i>Journal of Pediatrics</i> , 2020, 226, 112-117.e4.	0.9	13

#	ARTICLE	IF	CITATIONS
199	Do Levels of Lipid Peroxidation Biomarkers Reflect the Degree of Brain Injury in Newborns?. Antioxidants and Redox Signaling, 2021, 35, 1467-1475.	2.5	13
200	Symbol and Shape Recognition. Lecture Notes in Computer Science, 2000, , 167-182.	1.0	13
201	Nests of dividing neuroblasts sustain interneuron production for the developing human brain. Science, 2022, 375, eabk2346.	6.0	13
202	Oxidative stress as a signal to up-regulate gamma-cystathionase in the fetal-to-neonatal transition in rats. Cellular and Molecular Biology, 2007, 53 Suppl, OL1010-7.	0.3	13
203	Pulmonary hypertension and oxidative stress: Where is the link?. Seminars in Fetal and Neonatal Medicine, 2022, 27, 101347.	1.1	13
204	Symbolic vs. connectionist learning: an experimental comparison in a structured domain. IEEE Transactions on Knowledge and Data Engineering, 2001, 13, 176-195.	4.0	12
205	Lactose hydrolysis and calcium absorption in premature feeding. Journal of Pediatrics, 2003, 142, 737-738.	0.9	12
206	Oxygen as a therapeutic agent in neonatology: a comprehensive approach. Seminars in Fetal and Neonatal Medicine, 2010, 15, 185.	1.1	12
207	Differential Hemodynamic Effects of Levosimendan in a Porcine Model of Neonatal Hypoxia-Reoxygenation. Neonatology, 2012, 101, 192-200.	0.9	12
208	Metabolic adaptation and neuroprotection differ in the retina and choroid in a piglet model of acute postnatal hypoxia. Pediatric Research, 2014, 76, 127-134.	1.1	12
209	Is There a "Right" Amount of Oxygen for Preterm Infant Stabilization at Birth?. Frontiers in Pediatrics, 2019, 7, 354.	0.9	12
210	Umbilical cord milking reduces the risk of intraventricular hemorrhage in preterm infants born before 32 weeks of gestation. Journal of Perinatology, 2019, 39, 547-553.	0.9	12
211	Preventive strategies and factors associated with surgically treated necrotising enterocolitis in extremely preterm infants: an international unit survey linked with retrospective cohort data analysis. BMJ Open, 2019, 9, e031086.	0.8	12
212	Attentional Patterns to Emotional Faces Versus Scenes in Children with Autism Spectrum Disorders. Journal of Autism and Developmental Disorders, 2019, 49, 1484-1492.	1.7	12
213	Inter-center variability in neonatal outcomes of preterm infants: A longitudinal evaluation of 298 neonatal units in 11 countries. Seminars in Fetal and Neonatal Medicine, 2021, 26, 101196.	1.1	12
214	A CLASSIFICATION RELIABILITY DRIVEN REJECT RULE FOR MULTI-EXPERT SYSTEMS. International Journal of Pattern Recognition and Artificial Intelligence, 2001, 15, 885-904.	0.7	11
215	Consequences of Neonatal Resuscitation with Supplemental Oxygen. Seminars in Perinatology, 2008, 32, 355-366.	1.1	11
216	Oxygen and Oxidative Stress in the Neonatal Period. NeoReviews, 2011, 12, e613-e624.	0.4	11

#	ARTICLE	IF	CITATIONS
217	7,8-hydroxy-2- $\epsilon$ -deoxyguanosine/2- $\epsilon$ -deoxyguanosine ratio determined in hydrolysates of brain DNA by ultrachromatography coupled to tandem mass spectrometry. <i>Talanta</i> , 2017, 170, 97-102.	2.9	11
218	Targeting Oxygen in Term and Preterm Infants Starting at Birth. <i>Clinics in Perinatology</i> , 2019, 46, 459-473.	0.8	11
219	Does Pasteurized Donor Human Milk Efficiently Protect Preterm Infants Against Oxidative Stress?. <i>Antioxidants and Redox Signaling</i> , 2019, 31, 791-799.	2.5	11
220	Optimizing Oxygenation of the Extremely Premature Infant during the First Few Minutes of Life: Start Low or High?. <i>Journal of Pediatrics</i> , 2020, 227, 295-299.	0.9	11
221	Clinical Utility of Plasma Lipid Peroxidation Biomarkers in Alzheimer's Disease Differential Diagnosis. <i>Antioxidants</i> , 2020, 9, 649.	2.2	11
222	Early neurotransmission impairment in non-invasive Alzheimer Disease detection. <i>Scientific Reports</i> , 2020, 10, 16396.	1.6	11
223	ATR-FTIR spectroscopy for the routine quality control of exosome isolations. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2021, 217, 104401.	1.8	11
224	Oxygen saturation and heart rate in healthy term and late preterm infants with delayed cord clamping. <i>Pediatric Research</i> , 2022, , .	1.1	11
225	Oxygen saturation targets for preterm infants in the delivery room. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2012, 25, 45-46.	0.7	10
226	Prolonging in utero-like oxygenation after birth diminishes oxidative stress in the lung and brain of mice pups. <i>Redox Biology</i> , 2013, 1, 297-303.	3.9	10
227	Unit-Level Variations in Healthcare Professionals' Availability for Preterm Neonates &#x3c;29 Weeks' Gestation: An International Survey. <i>Neonatology</i> , 2019, 116, 347-355.	0.9	10
228	Trajectories of stress biomarkers and anxious-depressive symptoms from pregnancy to postpartum period in women with a trauma history. <i>HÅgre Utbildning</i> , 2019, 10, 1601990.	1.4	10
229	Metabolomics study to identify plasma biomarkers in alzheimer disease: ApoE genotype effect. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 180, 113088.	1.4	10
230	Risk assessment of exposure to phthalates in breastfeeding women using human biomonitoring. <i>Chemosphere</i> , 2020, 255, 127003.	4.2	10
231	Transcriptome profiles discriminate between Gram-positive and Gram-negative sepsis in preterm neonates. <i>Pediatric Research</i> , 2022, 91, 637-645.	1.1	10
232	Character recognition by geometrical moments on structural decompositions. , 0, , .		9
233	Infrared biospectroscopy for a fast qualitative evaluation of sample preparation in metabolomics. <i>Talanta</i> , 2014, 127, 181-190.	2.9	9
234	Does the intravenous administration of frusemide reduce endolymphatic hydrops?. <i>Journal of Laryngology and Otology</i> , 2016, 130, 242-247.	0.4	9

#	ARTICLE	IF	CITATIONS
235	What initial oxygen is best for preterm infants in the delivery room? A response to the 2015 neonatal resuscitation guidelines. <i>Resuscitation</i> , 2016, 101, e7-e8.	1.3	9
236	Biomarkers of oxidative stress derived damage to proteins and DNA in human breast milk. <i>Analytica Chimica Acta</i> , 2018, 1016, 78-85.	2.6	9
237	Oxygen needs during resuscitation and surfactant to achieve stabilisation were independent risks factors for pulmonary interstitial emphysema in preterm infants. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2018, 107, 28-32.	0.7	9
238	The Relationship between Oxidative Stress, Intermittent Hypoxemia, and Hospital Duration in Moderate Preterm Infants. <i>Neonatology</i> , 2020, 117, 577-583.	0.9	9
239	Early signs of autism in infants whose mothers suffered from a threatened preterm labour: a 30-month prospective follow-up study. <i>European Child and Adolescent Psychiatry</i> , 2022, 31, 1-13.	2.8	9
240	Noninvasive monitoring of evolving urinary metabolic patterns in neonatal encephalopathy. <i>Pediatric Research</i> , 2022, 91, 598-605.	1.1	9
241	Use of Oxygen in the Resuscitation of Neonates. <i>Oxidative Stress in Applied Basic Research and Clinical Practice</i> , 2014, , 213-243.	0.4	9
242	Neonatal outcomes of extremely preterm twins by sex pairing: an international cohort study. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2021, 106, 17-24.	1.4	9
243	Neurodevelopmental outcomes of preterm infants after randomisation to initial resuscitation with lower ( $FiO_2 < 0.3$ ) or higher ( $FiO_2 \geq 0.6$ ) initial oxygen levels. An individual patient meta-analysis. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2022, 107, 386-392.	1.4	9
244	A New Model of Oxidative Stress in Rat Pups. <i>Neonatology</i> , 2008, 94, 293-299.	0.9	8
245	A critical review of the 2015 International Liaison Committee on Resuscitation treatment recommendations for resuscitating the newly born infant. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2016, 105, 442-444.	0.7	8
246	Survey of neonatal resuscitation practices showed post-training improvements but need to reinforce preterm management, monitoring and adrenaline use. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2017, 106, 897-903.	0.7	8
247	Protein Oxidation Biomarkers and Myeloperoxidase Activation in Cerebrospinal Fluid in Childhood Bacterial Meningitis. <i>Antioxidants</i> , 2019, 8, 441.	2.2	8
248	The Impact of Postnatal Systemic Steroids on the Growth of Preterm Infants: A Multicenter Cohort Study. <i>Nutrients</i> , 2019, 11, 2729.	1.7	8
249	Spanish survey on follow-up programmes for children born very preterm. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2019, 108, 1042-1048.	0.7	8
250	Oxidative stress biomarkers in the preterm infant. <i>Advances in Clinical Chemistry</i> , 2021, 102, 127-189.	1.8	8
251	Emotional regulation and psychomotor development after threatening preterm labor: a prospective study. <i>European Child and Adolescent Psychiatry</i> , 2022, 31, 473-481.	2.8	8
252	Preventive bundle approach decreases the incidence of ventilator-associated pneumonia in newborn infants. <i>Journal of Perinatology</i> , 2021, 41, 1467-1473.	0.9	8

#	ARTICLE	IF	CITATIONS
253	Analysis of Lipid Peroxidation by UPLC-MS/MS and Retinoprotective Effects of the Natural Polyphenol Pterostilbene. <i>Antioxidants</i> , 2021, 10, 168.	2.2	8
254	Effect of a Marathon on Skin Temperature Response After a Cold-Stress Test and Its Relationship With Perceptive, Performance, and Oxidative-Stress Biomarkers. <i>International Journal of Sports Physiology and Performance</i> , 2020, 15, 1467-1475.	1.1	8
255	The effect of Holder pasteurization on the lipid and metabolite composition of human milk. <i>Food Chemistry</i> , 2022, 384, 132581.	4.2	8
256	Oxygen in the delivery room. <i>Early Human Development</i> , 2013, 89, S11-S13.	0.8	7
257	Mass spectrometric detection of biomarkers for early assessment of intraamniotic fluid infection. <i>Data in Brief</i> , 2015, 5, 1026-1030.	0.5	7
258	Postnatal development of fetuses with a single umbilical artery: differences between malformed and non-malformed infants. <i>World Journal of Pediatrics</i> , 2015, 11, 61-66.	0.8	7
259	Cohort study showed that growth rate increment has not been enough to prevent growth retardation of preterm infants and raised concerns about unbalanced growth. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2019, 108, 1793-1800.	0.7	7
260	Jumping to conclusions in autism: integration of contextual information and confidence in decision-making processes. <i>European Child and Adolescent Psychiatry</i> , 2020, 29, 959-968.	2.8	7
261	Survey shows marked variations in approaches to redirection of care for critically ill very preterm infants in 11 countries. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2020, 109, 1338-1345.	0.7	7
262	Topiramate pharmacokinetics in neonates undergoing therapeutic hypothermia and proposal of an optimised dosing schedule. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2020, 109, 300-308.	0.7	7
263	Oxygen Supplementation During Preterm Stabilization and the Relevance of the First 5 min After Birth. <i>Frontiers in Pediatrics</i> , 2020, 8, 12.	0.9	7
264	Quantitative Evaluation of Neonatal Brain Elasticity Using Shear Wave Elastography. <i>Journal of Ultrasound in Medicine</i> , 2021, 40, 795-804.	0.8	7
265	A critical review of the 2020 International Liaison Committee on Resuscitation treatment recommendations for resuscitating the newly born infant. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2021, 110, 1107-1112.	0.7	7
266	Clinical and immunological aspects of microRNAs in neonatal sepsis. <i>Biomedicine and Pharmacotherapy</i> , 2022, 145, 112444.	2.5	7
267	Definition and Validation of a Distance Measure Between Structural Primitives. <i>Pattern Analysis and Applications</i> , 1999, 2, 215-227.	3.1	6
268	Improving Neonatal Transition by Giving Ventilatory Support in the Delivery Room. <i>NeoReviews</i> , 2012, 13, e343-e352.	0.4	6
269	Optimal Inspired Fraction of Oxygen in the Delivery Room for Preterm Infants. <i>Children</i> , 2019, 6, 29.	0.6	6
270	Exposure and Risk Assessment of Hg, Cd, As, Tl, Se, and Mo in Women of Reproductive Age Using Urinary Biomonitoring. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 1477-1490.	2.2	6



#	ARTICLE	IF	CITATIONS
271	NAC and Vitamin D Improve CNS and Plasma Oxidative Stress in Neonatal HIE and Are Associated with Favorable Long-Term Outcomes. <i>Antioxidants</i> , 2021, 10, 1344.	2.2	6
272	Oxygen for the delivery room respiratory support of moderate-to-late preterm infants. An international survey of clinical practice from 21 countries. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2021, 110, 3261-3268.	0.7	6
273	Five-minute Apgar score and outcomes in neonates of 24-28 weeks gestation. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2022, 107, 437-446.	1.4	6
274	The newborn delivery room of tomorrow: emerging and future technologies. <i>Pediatric Research</i> , 2022, , .	1.1	6
275	Immunosuppressive Drugs and Pregnancy: Mycophenolate Mofetil Embryopathy. <i>NeoReviews</i> , 2010, 11, e578-e589.	0.4	5
276	Intravenous Immune Globulin: Clinical Applications in the Newborn. <i>NeoReviews</i> , 2010, 11, e370-e378.	0.4	5
277	Milrinone is preferred to levosimendan for mesenteric perfusion in hypoxia-reoxygenated newborn piglets treated with dopamine. <i>Pediatric Research</i> , 2012, 71, 241-246.	1.1	5
278	Intravenous isotonic fluids induced a positive trend in natraemia in children admitted to a general paediatric ward. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2016, 105, e263-8.	0.7	5
279	Oxidative stress in perinatal asphyxia and hypoxic-ischaemic encephalopathy. <i>Anales De PediatrĀa (English Edition)</i> , 2018, 88, 228.e1-228.e9.	0.1	5
280	Free radical damage can cause serious long-lasting effects. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2018, 107, 2099-2099.	0.7	5
281	Newborn Resuscitation in Settings Without Access to Supplemental Oxygen. <i>Clinics in Perinatology</i> , 2019, 46, 475-491.	0.8	5
282	Intercenter variability and factors associated with survival without bronchopulmonary dysplasia in extremely preterm newborns. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2020, 33, 3767-3774.	0.7	5
283	Paracetamol vs. Ibuprofen in Preterm Infants With Hemodynamically Significant Patent Ductus Arteriosus: A Non-inferiority Randomized Clinical Trial Protocol. <i>Frontiers in Pediatrics</i> , 2020, 8, 372.	0.9	5
284	An Object Tracking Algorithm Combining Different Cost Functions. <i>Lecture Notes in Computer Science</i> , 2004, , 614-622.	1.0	5
285	Impact of Kangaroo Care on Premature Infants' Oxygenation: Systematic Review. <i>Neonatology</i> , 2022, 119, 537-546.	0.9	5
286	Classifying audio of movies by a multi-expert system. , 0, , .		4
287	Case 2: An 18-month-old child with necrotic lesions on the limbs. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2006, 95, 1506-1508.	0.7	4
288	Titration of oxygen needs in the very preterm newborn in the delivery room. <i>Journal of Neonatal-Perinatal Medicine</i> , 2010, 3, 161-169.	0.4	4

#	ARTICLE	IF	CITATIONS
289	Oxygen Therapy for Preterm Infants. <i>Clinics in Perinatology</i> , 2019, 46, xvii-xviii.	0.8	4
290	Oxidative stress in the perinatal period. <i>Free Radical Biology and Medicine</i> , 2019, 142, 1-2.	1.3	4
291	Isoprostanoïds Levels in Cerebrospinal Fluid Do Not Reflect Alzheimer's Disease. <i>Antioxidants</i> , 2020, 9, 407.	2.2	4
292	We want our families in the NICU!. <i>Pediatric Research</i> , 2020, 88, 354-355.	1.1	4
293	Oxygen saturation (SpO <sub>2</sub> ) targeting for newborn infants at delivery: Are we reaching for an impossible unknown?. <i>Seminars in Fetal and Neonatal Medicine</i> , 2021, 26, 101220.	1.1	4
294	Attentional biases towards emotional scenes in autism spectrum condition: An eye-tracking study. <i>Research in Developmental Disabilities</i> , 2022, 120, 104124.	1.2	4
295	International Variation in the Management of Patent Ductus Arteriosus and Its Association with Infant Outcomes: A Survey and Linked Cohort Study. <i>Journal of Pediatrics</i> , 2022, 244, 24-29.e7.	0.9	4
296	Direct Derivatization in Dried Blood Spots for Oxidized and Reduced Glutathione Quantification in Newborns. <i>Antioxidants</i> , 2022, 11, 1165.	2.2	4
297	NETMOTION: A Protocol for Systematic Review and Individual Participant Data Network Meta-Analysis of Preterm Infants <math>\leq 32</math> Weeks' Gestation Randomized to Initial Oxygen Concentration for Resuscitation. <i>Neonatology</i> , 2022, 119, 517-524.	0.9	4
298	Noninvasive Respiratory Support in the Delivery Room: Introduction. <i>NeoReviews</i> , 2012, 13, e334-e335.	0.4	3
299	Determination of biomarkers of protein oxidation in tissue and plasma. <i>Free Radical Biology and Medicine</i> , 2014, 75, S51.	1.3	3
300	Congenital Critical Heart Defect Screening in a Health Area of the Community of Valencia (Spain): A Prospective Observational Study. <i>International Journal of Neonatal Screening</i> , 2018, 4, 3.	1.2	3
301	Impact of Donor Human Milk in the Preterm Very Low Birth Weight Gut Transcriptome Profile by Use of Exfoliated Intestinal Cells. <i>Nutrients</i> , 2019, 11, 2677.	1.7	3
302	The role of attentional biases to appetitive stimuli in childhood overweight. <i>Journal of Experimental Child Psychology</i> , 2019, 185, 206-213.	0.7	3
303	What is the impact of mother's bed incline on episodes of decreased oxygen saturation in healthy newborns in skin-to-skin contact after delivery: Study protocol for a randomized controlled trial. <i>Trials</i> , 2019, 20, 179.	0.7	3
304	Nitric oxide and preterm resuscitation: some words of caution. <i>Pediatric Research</i> , 2020, 87, 438-440.	1.1	3
305	Impact of the global financial crisis on newborn care in Portugal and Spain: Perception of health professionals. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2020, 109, 625-627.	0.7	3
306	Factors Associated with Survival and Survival without Major Morbidity in Very Preterm Infants in Two Neonatal Networks: SEN1500 and NEOCOSUR. <i>Neonatology</i> , 2021, 118, 289-296.	0.9	3

#	ARTICLE	IF	CITATIONS
307	Do children with overweight respond faster to food-related words?. <i>Appetite</i> , 2021, 161, 105134.	1.8	3
308	Cumulative life stressors and stress response to threatened preterm labour as birth date predictors. <i>Archives of Gynecology and Obstetrics</i> , 2022, 305, 1421-1429.	0.8	3
309	High Oxygen Does Not Increase Reperfusion Injury Assessed with Lipid Peroxidation Biomarkers after Cardiac Arrest: A Post Hoc Analysis of the COMACARE Trial. <i>Journal of Clinical Medicine</i> , 2021, 10, 4226.	1.0	3
310	Higher versus Lower Oxygen Concentration during Respiratory Support in the Delivery Room in Extremely Preterm Infants: A Pilot Feasibility Study. <i>Children</i> , 2021, 8, 942.	0.6	3
311	A UPLC-MS/MS method for the determination of oxidative stress biomarkers in amniotic fluid. <i>Free Radical Biology and Medicine</i> , 2022, 179, 164-169.	1.3	3
312	A critical appraisal of tools for delivery room assessment of the newborn infant. <i>Pediatric Research</i> , 2021, , .	1.1	3
313	Fetal to neonatal transition: what additional information can be provided by cerebral near infrared spectroscopy?. <i>Pediatric Research</i> , 0, , .	1.1	3
314	Survival and Survival without Major Morbidity Seem to Be Consistently Better throughout Gestational Age in 24- to 30-Week Gestational Age Very-Low-Birth-Weight Female Infants Compared to Males. <i>Neonatology</i> , 2022, 119, 585-593.	0.9	3
315	More about Surfactant, Oxygen, Caffeine and Chronic Lung Disease. <i>Neonatology</i> , 2014, 105, 320-322.	0.9	2
316	Más de 3 horas y menos de 3 años. Seguridad de procedimientos anestésicos en niños menores de 3 años, sometidos a cirugías de más de 3 horas. <i>Revista Española De Anestesiología Y Reanimación</i> , 2017, 64, 577-584.	0.1	2
317	Myocardial Infarction in Neonates: A Diagnostic and Therapeutic Challenge. <i>Case Reports in Pediatrics</i> , 2019, 2019, 1-5.	0.2	2
318	miRNomic Signature in Very Low Birth-Weight Neonates Discriminates Late-Onset Gram-Positive Sepsis from Controls. <i>Diagnostics</i> , 2021, 11, 1389.	1.3	2
319	A Reductive Metabolic Switch Protects Infants with Transposition of Great Arteries Undergoing Atrial Septostomy against Oxidative Stress. <i>Antioxidants</i> , 2021, 10, 1502.	2.2	2
320	Mother's Bed Incline and Desaturation Episodes in Healthy Term Newborns during Early Skin-to-Skin Contact: A Multicenter Randomized Controlled Trial. <i>Neonatology</i> , 2021, 118, 702-709.	0.9	2
321	International network for evaluating outcomes of neonates: outputs and future directions. <i>Pediatric Medicine</i> , 0, 5, 40-40.	1.1	2
322	Brain Oxygen Perfusion and Oxidative Stress Biomarkers in Fetuses with Congenital Heart Disease—A Retrospective, Case-Control Pilot Study. <i>Antioxidants</i> , 2022, 11, 299.	2.2	2
323	Time at birth and short-term outcomes among extremely preterm infants in Spain: a multicenter cohort study. <i>European Journal of Pediatrics</i> , 2022, 181, 2067-2074.	1.3	2
324	The quest for optimum oxygenation during newborn delivery room resuscitation: Is it the baby or is it us?. <i>Seminars in Perinatology</i> , 2022, , 151622.	1.1	2

#	ARTICLE	IF	CITATIONS
325	Erythropoietin and iron therapy for preterm infants. <i>Journal of Pediatrics</i> , 1999, 134, 520.	0.9	1
326	263 Asphyctic Renal Damage is Increased by The Use of Pure Oxygen Upon Resuscitation. <i>Pediatric Research</i> , 2004, 56, 508-508.	1.1	1
327	Understanding Cardiac Troponin T in the Newborn Period. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2006, 173, 817-817.	2.5	1
328	Does Oxygen Concentration Used for Resuscitation Influence Outcome of Asphyxiated Newly Born Infants Treated With Hypothermia?. <i>Pediatrics</i> , 2006, 117, 2326-2328.	1.0	1
329	The Need to Assess Benefits and Not Just Risks of 100% Oxygen for Newborn Resuscitation. <i>Pediatrics</i> , 2007, 119, 217-217.	1.0	1
330	34 Early Gene Regulation in Retina and Choroid After Ashpyxia and Resuscitation in Newborn Piglets. <i>Pediatric Research</i> , 2010, 68, 20-20.	1.1	1
331	The Genetics of Aminoglycoside-Related Deafness. <i>NeoReviews</i> , 2014, 15, e449-e457.	0.4	1
332	Role of human milk in oxidative stress associated with prematurity. <i>Journal of Pediatric Biochemistry</i> , 2015, 03, 169-177.	0.2	1
333	What does the colour of the tongue tells us in the delivery room?. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2015, 104, 329-330.	0.7	1
334	Oxygen Modulation and Bronchopulmonary Dysplasia: Delivery Room and Beyond. <i>Respiratory Medicine</i> , 2016, , 183-198.	0.1	1
335	Five years after the Spanish neonatal resuscitation survey. Are we improving?. <i>Anales De Pediatr�a (English Edition)</i> , 2016, 84, 260-270.	0.1	1
336	Response to the comment on "Can stress biomarkers predict preterm birth in women with threatened preterm labor?". <i>Psychoneuroendocrinology</i> , 2017, 85, 216-217.	1.3	1
337	Introduction. <i>Seminars in Fetal and Neonatal Medicine</i> , 2020, 25, 101088.	1.1	1
338	Impact of maternal age on infants' emotional regulation and psychomotor development. <i>Psychological Medicine</i> , 2021, , 1-12.	2.7	1
339	Non�invasive monitoring of saliva can be used to identify oxidative stress biomarkers in preterm and term newborn infants. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2021, 110, 3255-3260.	0.7	1
340	Updating the management of preterm infants in the 1<sup>st</sup> min after birth. <i>Journal of Clinical Neonatology</i> , 2014, 3, 133.	0.1	1
341	Oxygen Toxicity in Newborns. , 2017, , 1-18.		1
342	Improving fetal to neonatal transition of the very preterm infant: novel approaches. <i>Chinese Medical Journal</i> , 2010, 123, 2924-8.	0.9	1

#	ARTICLE	IF	CITATIONS
343	Neurodevelopmental Outcome and Epigenetic Changes at 2 Years Associated with the Oxygen Load Received upon Postnatal Stabilization: A Pilot Study. <i>Neonatology</i> , 2022, 119, 575-584.	0.9	1
344	Metabolomics, Oxidative, and Nitrosative Stress in the Perinatal Period. <i>Antioxidants</i> , 2022, 11, 1357.	2.2	1
345	397 Do Eating Habits have an Effect on Obesity Among Greek Adolescents?. <i>Pediatric Research</i> , 2005, 58, 422-422.	1.1	0
346	Empleo prenatal de esteroides: riesgos y beneficios. <i>Clinica E Investigacion En Ginecologia Y Obstetricia</i> , 2006, 33, 146-151.	0.1	0
347	The Need to Assess Benefits and Not Just Risks of 100% Oxygen for Newborn Resuscitation: In Reply. <i>Pediatrics</i> , 2007, 119, 217a-219.	1.0	0
348	Haemolysis alters plasma flecainide levels in newborn infants. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2007, 96, 466-469.	0.7	0
349	Extremely premature infant: overcoming inflammation and oxidative stress. <i>Pediatric Health</i> , 2008, 2, 397-400.	0.3	0
350	28 Milrinone is Preferred to Levosimendan for Mesenteric Perfusion in Hypoxia-Reoxygenated Newborn Piglets on Dopamine. <i>Pediatric Research</i> , 2010, 68, 17-17.	1.1	0
351	341 Using Centile Charts Derived From Pulse Oximetry Measurements to Inform Oxygen Treatment in the Delivery Room. <i>Pediatric Research</i> , 2010, 68, 176-176.	1.1	0
352	Foetal to Neonatal Transition in a Low Oxygen Atmosphere (14%) Enhances Lung Non-Enzymatic Antioxidant Defences in Newborn MICE. <i>Pediatric Research</i> , 2011, 70, 62-62.	1.1	0
353	Expression of Human Ubiquitous Aquaporins in Chorial Villus Samples. <i>Pediatric Research</i> , 2011, 70, 575-575.	1.1	0
354	A Short Oxygen Exposure Enhances the Newborn Pulmonary Vasoconstriction Response in Male and Causes the Opposite Effect in Female Rats. <i>Pediatric Research</i> , 2011, 70, 121-121.	1.1	0
355	Historical Perspectives: Perinatal Profile: Ola D. Saugstad: A Man Who Pursued the Horizon. <i>NeoReviews</i> , 2014, 15, e467-e471.	0.4	0
356	Pilot study on stress and resilience in families with premature newborns. <i>Anales De Pediatria (English)</i> Tj ETQq0 0 Q,rgBT /Ovrlock 10 T	0.1	0
357	Oxygen supplementation in neonatal resuscitation. <i>Anales De Pediatria (English Edition)</i> , 2017, 86, 1-3.	0.1	0
358	Oxygen Toxicity in Newborns. , 2018, , 439-456.		0
359	Response To Dr. Kumar: Cord milking in preterm. <i>Journal of Perinatology</i> , 2019, 39, 1432-1433.	0.9	0
360	The Influence of Donor Milk Supplementation on Duration of Parenteral Nutrition in Preterm Infants. <i>Journal of Human Lactation</i> , 2020, 36, 245-253.	0.8	0

#	ARTICLE	IF	CITATIONS
361	Effect of adding fortifiers and protein supplements on the osmolality of donated maternal milk. <i>Anales De Pediatr�a (English Edition)</i> , 2020, 93, 297-304.	0.1	0
362	Expired Tidal Volume and Respiratory Rate During Postnatal Stabilization of Newborn Infants Born at Term via Cesarean Delivery. <i>Journal of Pediatrics: X</i> , 2021, 6, 100063.	1.1	0
363	Study of the pathophysiological mechanisms associated with the onset and course of neurodevelopmental disorders in preterm infants (the PeriSTRESS-PremTEA study): Rationale, objectives, design and sample description. <i>Revista De Psiquiatr�a Y Salud Mental</i> , 2024, 17, 19-27.	1.0	0
364	Reply. <i>Journal of Pediatrics</i> , 2021, 229, 309-310.	0.9	0
365	National protocol led to significant improvements in follow-up programmes for very low birth weight or very preterm infants. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2021, 110, 2357-2358.	0.7	0
366	Potential Value of Maternal Oxygen Supplementation. <i>JAMA Pediatrics</i> , 2021, 175, 749-750.	3.3	0
367	Use of near infrared spectroscopy in neonatal gastric perforation. <i>Anales De Pediatr�a (English)</i> Tj ETQq1 1 0.784314 rgBT /Overlock 10 0,1	0.1	0
368	Oxygen during Postnatal Stabilization. , 2021, , 62-65.		0
369	ESTUDIO DE LA TORSI�N OV�RICA FETAL INTRAUTERINA MEDIANTE ECOGRAF�A 3D. <i>Revista Chilena De Obstetricia Y Ginecologia</i> , 2010, 75, .	0.1	0
370	Delivery Room Management of the Newly Born Infant. , 2012, , 121-135.		0
371	Oxygen Toxicity. , 2012, , 242-249.		0
372	Oxygen for the resuscitation of newborn infants. <i>Journal of Pediatric Biochemistry</i> , 2015, 03, 155-159.	0.2	0
373	Seeking biomarkers that predict neurodevelopmental impairment in preterm infants. <i>EBioMedicine</i> , 2021, 73, 103657.	2.7	0
374	The First Golden Minutes of Preterm Infants: Changing the Concepts of Resuscitation. <i>Pediatric and Adolescent Medicine</i> , 2020, , 13-24.	0.4	0
375	Use of Two Complementary Bioinformatic Approaches to Identify Differentially Methylated Regions in Neonatal Sepsis. <i>Open Bioinformatics Journal</i> , 2021, 14, 144-152.	1.0	0
376	Ensembles of Endothelial and Mural Cells Promote Angiogenesis in Prenatal Human Brain. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
377	An eye-tracking study for measuring the attentional characteristics towards emotional scenes in children with autism spectrum condition. <i>European Psychiatry</i> , 2021, 64, S226-S227.	0.1	0
378	Can stress predict delivery date?: Role of chronic and acute stress to the threatened preterm labor as predictors of delivery date. <i>European Psychiatry</i> , 2021, 64, S607-S607.	0.1	0

#	ARTICLE	IF	CITATIONS
379	An antisaccade task for measuring the attentional characteristics of social information processing in children with autism spectrum conditions. <i>European Psychiatry</i> , 2021, 64, S227-S227.	0.1	0
380	Does maternal age or related factors influence the appearance of psychopathology in children?. <i>European Psychiatry</i> , 2021, 64, S146-S146.	0.1	0
381	Maternal and Neonatal Prognostic Factors for Cardiorespiratory Events in Healthy Term Neonates During Early Skin-to-Skin Contact. <i>Frontiers in Pediatrics</i> , 0, 10, .	0.9	0