

Mximo Vento Torres

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.

353
papers

9,935
citations

49
h-index

87
g-index

425
ext. papers

12,282
ext. citations

4.1
avg, IF

6.33
L-index

#	Paper	IF	Citations
353	European Consensus Guidelines on the Management of Respiratory Distress Syndrome - 2019 Update. <i>Neonatology</i> , 2019 , 115, 432-450	4	409
352	Defining the reference range for oxygen saturation for infants after birth. <i>Pediatrics</i> , 2010 , 125, e1340-7	7.4	357
351	European consensus guidelines on the management of neonatal respiratory distress syndrome in preterm infants--2013 update. <i>Neonatology</i> , 2013 , 103, 353-68	4	337
350	Preterm resuscitation with low oxygen causes less oxidative stress, inflammation, and chronic lung disease. <i>Pediatrics</i> , 2009 , 124, e439-49	7.4	326
349	Xanthine oxidase is involved in free radical production in type 1 diabetes: protection by allopurinol. <i>Diabetes</i> , 2002 , 51, 1118-24	0.9	319
348	Resuscitation with room air instead of 100% oxygen prevents oxidative stress in moderately asphyxiated term neonates. <i>Pediatrics</i> , 2001 , 107, 642-7	7.4	318
347	European Consensus Guidelines on the Management of Respiratory Distress Syndrome - 2016 Update. <i>Neonatology</i> , 2017 , 111, 107-125	4	284
346	Resuscitation of newborn infants with 21% or 100% oxygen: an updated systematic review and meta-analysis. <i>Neonatology</i> , 2008 , 94, 176-82	4	247
345	Oxidative stress in asphyxiated term infants resuscitated with 100% oxygen. <i>Journal of Pediatrics</i> , 2003 , 142, 240-6	3.6	238
344	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, 1393-8	10.2	201
343	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, 875-81	7.4	173
342	Microbial ecology and host-microbiota interactions during early life stages. <i>Gut Microbes</i> , 2012 , 3, 352-6	5.8	162
341	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	7	156
340	Resuscitation of depressed newborn infants with ambient air or pure oxygen: a meta-analysis. <i>Neonatology</i> , 2005 , 87, 27-34	4	136
339	Changes in heart rate in the first minutes after birth. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2010 , 95, F177-81	4.7	121
338	Resuscitation of newborn infants with 21% or 100% oxygen: follow-up at 18 to 24 months. <i>Pediatrics</i> , 2003 , 112, 296-300	7.4	116
337	Oxygen and oxidative stress in the perinatal period. <i>Redox Biology</i> , 2017 , 12, 674-681	11.3	107

336	The first golden minutes of the extremely-low-gestational-age neonate: a gentle approach. <i>Neonatology</i> , 2009 , 95, 286-98	4	107
335	In utero exposure to mycophenolate mofetil: a characteristic phenotype?. <i>American Journal of Medical Genetics, Part A</i> , 2008 , 146A, 1-7	2.5	106
334	Using intensive care technology in the delivery room: a new concept for the resuscitation of extremely preterm neonates. <i>Pediatrics</i> , 2008 , 122, 1113-6	7.4	103
333	Antenatal steroids and antioxidant enzyme activity in preterm infants: influence of gender and timing. <i>Antioxidants and Redox Signaling</i> , 2009 , 11, 2945-55	8.4	99
332	Survival in Very Preterm Infants: An International Comparison of 10 National Neonatal Networks. <i>Pediatrics</i> , 2017 , 140,	7.4	96
331	Factors influencing gastrointestinal tract and microbiota immune interaction in preterm infants. <i>Pediatric Research</i> , 2015 , 77, 726-31	3.2	91
330	Early neonatal death: A challenge worldwide. <i>Seminars in Fetal and Neonatal Medicine</i> , 2017 , 22, 153-160	3.7	81
329	Resuscitation of hypoxic newborn piglets with oxygen induces a dose-dependent increase in markers of oxidation. <i>Pediatric Research</i> , 2007 , 62, 559-63	3.2	79
328	Ventilator-associated pneumonia in neonatal patients: an update. <i>Neonatology</i> , 2014 , 105, 98-107	4	71
327	Neonatal Resuscitation and Postresuscitation Care of Infants Born to Mothers with Suspected or Confirmed SARS-CoV-2 Infection. <i>American Journal of Perinatology</i> , 2020 , 37, 813-824	3.3	70
326	Human milk enhances antioxidant defenses against hydroxyl radical aggression in preterm infants. <i>American Journal of Clinical Nutrition</i> , 2009 , 89, 210-5	7	70
325	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	4.7	69
324	Effects of targeting lower versus higher arterial oxygen saturations on death or disability in preterm infants. <i>The Cochrane Library</i> , 2017 , 4, CD011190	5.2	68
323	Resuscitation of preterm infants with different inspired oxygen fractions. <i>Journal of Pediatrics</i> , 2014 , 164, 1322-6.e3	3.6	65
322	Hyperoxemia caused by resuscitation with pure oxygen may alter intracellular redox status by increasing oxidized glutathione in asphyxiated newly born infants. <i>Seminars in Perinatology</i> , 2002 , 26, 406-10	3.3	65
321	Reliability Parameters to Improve Combination Strategies in Multi-Expert Systems. <i>Pattern Analysis and Applications</i> , 1999 , 2, 205-214	2.3	65
320	Scoping review shows wide variation in the definitions of bronchopulmonary dysplasia in preterm infants and calls for a consensus. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2017 , 106, 366-374	2.1	62
319	Free radicals in Alzheimer's disease: Lipid peroxidation biomarkers. <i>Clinica Chimica Acta</i> , 2019 , 491, 85-90	0.2	61

318	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	4.7	60
317	Intra-batch effect correction in liquid chromatography-mass spectrometry using quality control samples and support vector regression (QC-SVRC). <i>Analyst, The</i> , 2015 , 140, 7810-7	5	59
316	International survey of transfusion practices for extremely premature infants. <i>Seminars in Perinatology</i> , 2012 , 36, 244-7	3.3	59
315	Six years of experience with the use of room air for the resuscitation of asphyxiated newly born term infants. <i>Neonatology</i> , 2001 , 79, 261-7	4	59
314	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	3.6	58
313	Potential oxidative stress biomarkers of mild cognitive impairment due to Alzheimer disease. <i>Journal of the Neurological Sciences</i> , 2017 , 373, 295-302	3.2	56
312	Oxygen for newborn resuscitation: how much is enough?. <i>Pediatrics</i> , 2006 , 118, 789-92	7.4	53
311	A large database of graphs and its use for benchmarking graph isomorphism algorithms. <i>Pattern Recognition Letters</i> , 2003 , 24, 1067-1079	4.7	53
310	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	3.1	52
309	Approach to seizures in the neonatal period: a European perspective. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2010 , 99, 497-501	3.1	51
308	Mycophenolate mofetil embryopathy: A newly recognized teratogenic syndrome. <i>European Journal of Medical Genetics</i> , 2017 , 60, 16-21	2.6	50
307	Amniotic fluid oxidative and nitrosative stress biomarkers correlate with fetal chronic hypoxia in diabetic pregnancies. <i>Neonatology</i> , 2013 , 103, 193-8	4	49
306	Oxygen supplementation in the neonatal period: changing the paradigm. <i>Neonatology</i> , 2014 , 105, 323-314	4	49
305	Preterm Gut Microbiome Depending on Feeding Type: Significance of Donor Human Milk. <i>Frontiers in Microbiology</i> , 2018 , 9, 1376	5.7	48
304	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, F228-32	4.7	46
303	The Evolving Microbiome from Pregnancy to Early Infancy: A Comprehensive Review. <i>Nutrients</i> , 2020 , 12,	6.7	46
302	Disulfide stress: a novel type of oxidative stress in acute pancreatitis. <i>Free Radical Biology and Medicine</i> , 2014 , 70, 265-77	7.8	44
301	A survey of neonatal resuscitation in Spain: gaps between guidelines and practice. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2009 , 98, 786-91	3.1	44

300	Urinary Lipid Peroxidation Byproducts: Are They Relevant for Predicting Neonatal Morbidity in Preterm Infants?. <i>Antioxidants and Redox Signaling</i> , 2015 , 23, 178-84	8.4	42
299	Cord blood interleukin-6 as a predictor of early-onset neonatal sepsis. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2012 , 101, e203-7	3.1	41
298	Nutritional requirements and feeding recommendations for small for gestational age infants. <i>Journal of Pediatrics</i> , 2013 , 162, S81-9	3.6	41
297	The use and misuse of oxygen during the neonatal period. <i>Clinics in Perinatology</i> , 2012 , 39, 165-76	2.8	40
296	Ventilator-associated pneumonia in newborn infants diagnosed with an invasive bronchoalveolar lavage technique: a prospective observational study. <i>Pediatric Critical Care Medicine</i> , 2013 , 14, 55-61	3	39
295	Signature Verification: Increasing Performance by a Multi-Stage System. <i>Pattern Analysis and Applications</i> , 2000 , 3, 169-181	2.3	39
294	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	7	39
293	Genome-wide expression profiles in very low birth weight infants with neonatal sepsis. <i>Pediatrics</i> , 2014 , 133, e1203-11	7.4	38
292	Managing oxygen therapy during delivery room stabilization of preterm infants. <i>Journal of Pediatrics</i> , 2012 , 160, 158-61	3.6	38
291	Use of oxygen for resuscitation of the extremely low birth weight infant. <i>Pediatrics</i> , 2010 , 125, 389-91	7.4	38
290	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	4.7	38
289	Necrotizing enterocolitis following the use of intravenous immunoglobulin for haemolytic disease of the newborn. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2009 , 98, 1214-7	3.1	37
288	A pharmacoeconomic evaluation of seven-valent pneumococcal conjugate vaccine in Spain. <i>Value in Health</i> , 2004 , 7, 36-51	3.3	37
287	Oxygen therapy of the newborn from molecular understanding to clinical practice. <i>Pediatric Research</i> , 2019 , 85, 20-29	3.2	37
286	Plasma lipid peroxidation biomarkers for early and non-invasive Alzheimer Disease detection. <i>Free Radical Biology and Medicine</i> , 2018 , 124, 388-394	7.8	36
285	Antioxidant administration to the mother prevents oxidative stress associated with birth in the neonatal rat. <i>Life Sciences</i> , 1994 , 54, 2055-9	6.8	36
284	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	10.2	35
283	Respiratory Management of Extremely Preterm Infants: An International Survey. <i>Neonatology</i> , 2018 , 114, 28-36	4	35

282	Plasma metabolomics in early Alzheimer's disease patients diagnosed with amyloid biomarker. <i>Journal of Proteomics</i> , 2019 , 200, 144-152	3.9	34
281	Lipid peroxidation in neurodegeneration. <i>Clinica Chimica Acta</i> , 2019 , 497, 178-188	6.2	34
280	Analysis of lipid peroxidation biomarkers in extremely low gestational age neonate urines by UPLC-MS/MS. <i>Analytical and Bioanalytical Chemistry</i> , 2014 , 406, 4345-56	4.4	34
279	Neurodevelopmental outcome of infants resuscitated with air or 100% oxygen: a systematic review and meta-analysis. <i>Neonatology</i> , 2012 , 102, 98-103	4	34
278	International variations and trends in the treatment for retinopathy of prematurity. <i>British Journal of Ophthalmology</i> , 2017 , 101, 1399-1404	5.5	33
277	Reliable determination of new lipid peroxidation compounds as potential early Alzheimer Disease biomarkers. <i>Talanta</i> , 2018 , 184, 193-201	6.2	33
276	Resuscitation of the term and preterm infant. <i>Seminars in Fetal and Neonatal Medicine</i> , 2010 , 15, 216-22	3.7	33
275	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, F162-7	4.7	32
274	Surfactant Administration via Thin Catheter: A Practical Guide. <i>Neonatology</i> , 2019 , 116, 211-226	4	32
273	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	4.9	32
272	Changes in perinatal care and outcomes in newborns at the limit of viability in Spain: the EPI-SEN Study. <i>Neonatology</i> , 2015 , 107, 120-9	4	31
271	Oxidative and nitrosative stress in acute pancreatitis. Modulation by pentoxifylline and oxypurinol. <i>Biochemical Pharmacology</i> , 2012 , 83, 122-30	6	31
270	Elevated protein carbonyl and HIF-1 α levels in eyes with proliferative diabetic retinopathy. <i>Acta Ophthalmologica</i> , 2014 , 92, 323-7	3.7	31
269	On-Capillary Surface-Enhanced Raman Spectroscopy: Determination of Glutathione in Whole Blood Microsamples. <i>Analytical Chemistry</i> , 2018 , 90, 9093-9100	7.8	31
268	Systematic review and meta-analysis of optimal initial fraction of oxygen levels in the delivery room at ≥ 2 weeks. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2014 , 103, 744-51	3.1	30
267	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, 373-82	3.4	30
266	Response to resuscitation of the newborn: early prognostic variables. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2005 , 94, 890-5	3.1	30
265	Survival and Neurodevelopmental Outcomes of Preterms Resuscitated With Different Oxygen Fractions. <i>Pediatrics</i> , 2016 , 138,	7.4	30

264	Can stress biomarkers predict preterm birth in women with threatened preterm labor?. <i>Psychoneuroendocrinology</i> , 2017 , 83, 19-24	5	29
263	Oropharyngeal administration of mother's colostrum, health outcomes of premature infants: study protocol for a randomized controlled trial. <i>Trials</i> , 2015 , 16, 453	2.8	29
262	Neonatal assessment in the delivery room--Trial to Evaluate a Specified Type of Apgar (TEST-Apgar). <i>BMC Pediatrics</i> , 2015 , 15, 18	2.6	29
261	Multiclassification: reject criteria for the Bayesian combiner. <i>Pattern Recognition</i> , 1999 , 32, 1435-1447	7.7	29
260	Oxygen supplementation in the delivery room: updated information. <i>Journal of Pediatrics</i> , 2011 , 158, e5-7	3.6	28
259	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, 214-20	6.6	27
258	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, 104-12	3.5	27
257	Effect of supplemental oxygen on reinitiation of breathing after neonatal resuscitation in rat pups. <i>Pediatric Research</i> , 2007 , 61, 698-702	3.2	27
256	Response to resuscitation of the newborn: Early prognostic variables. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2005 , 94, 890-895	3.1	26
255	Evaluation of batch effect elimination using quality control replicates in LC-MS metabolite profiling. <i>Analytica Chimica Acta</i> , 2018 , 1019, 38-48	6.6	25
254	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	3.7	24
253	Intermittent hypoxemia and oxidative stress in preterm infants. <i>Respiratory Physiology and Neurobiology</i> , 2019 , 266, 121-129	2.8	23
252	Validation of the Sepsis MetaScore for Diagnosis of Neonatal Sepsis. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2018 , 7, 129-135	4.8	23
251	Mycophenolate mofetil during pregnancy: some words of caution. <i>Pediatrics</i> , 2008 , 122, 184-5	7.4	22
250	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	6.6	21
249	Surface enhanced Raman spectroscopic direct determination of low molecular weight biothiols in umbilical cord whole blood. <i>Analyst, The</i> , 2016 , 141, 2165-74	5	21
248	Expression of aquaporins early in human pregnancy. <i>Early Human Development</i> , 2012 , 88, 589-94	2.2	21
247	Sodium concentration in rehydration fluids for children with ketoacidotic diabetes: effect on serum sodium concentration. <i>Journal of Pediatrics</i> , 2009 , 154, 895-900	3.6	21

246	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	3.6	21
245	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, 1061-6	3.1	21
244	Oxidative Damage of DNA as Early Marker of Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	21
243	Novel free-radical mediated lipid peroxidation biomarkers in newborn plasma. <i>Analytica Chimica Acta</i> , 2017 , 996, 88-97	6.6	20
242	Detection of batch effects in liquid chromatography-mass spectrometry metabolomic data using guided principal component analysis. <i>Talanta</i> , 2014 , 130, 442-8	6.2	20
241	Pulse oximetry screening for critical congenital heart defects: a European consensus statement. <i>The Lancet Child and Adolescent Health</i> , 2017 , 1, 88-90	14.5	20
240	Analysis of multi-source metabolomic data using joint and individual variation explained (JIVE). <i>Analyst, The</i> , 2015 , 140, 4521-9	5	20
239	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		20
238	Variability in the assessment of inadequate chest excursion during simulated neonatal resuscitation. <i>Neonatology</i> , 2011 , 100, 99-104	4	20
237	Sex-dependent changes in the pulmonary vasoconstriction potential of newborn rats following short-term oxygen exposure. <i>Pediatric Research</i> , 2012 , 72, 468-78	3.2	20
236	Biomonitoring of bisphenols A, F, S and parabens in urine of breastfeeding mothers: Exposure and risk assessment. <i>Environmental Research</i> , 2020 , 185, 109481	7.9	19
235	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, 104-10	6.6	19
234	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	2.6	19
233	Learning structural shape descriptions from examples. <i>Pattern Recognition Letters</i> , 2002 , 23, 1427-1437	4.7	19
232	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	2.8	19
231	Equity in coronavirus disease 2019 vaccine development and deployment. <i>American Journal of Obstetrics and Gynecology</i> , 2021 , 224, 423-427	6.4	19
230	Changes of the plasma metabolome of newly born piglets subjected to postnatal hypoxia and resuscitation with air. <i>Pediatric Research</i> , 2016 , 80, 284-92	3.2	19
229	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	3.6	19

228	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	7.8	18
227	Influence of Sex on Gestational Complications, Fetal-to-Neonatal Transition, and Postnatal Adaptation. <i>Frontiers in Pediatrics</i> , 2018 , 6, 63	3.4	18
226	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	8.4	18
225	Oxygen Supplementation to Stabilize Preterm Infants in the Fetal to Neonatal Transition: No Satisfactory Answer. <i>Frontiers in Pediatrics</i> , 2016 , 4, 29	3.4	18
224	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	5.7	18
223	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	5	17
222	Novel biomarkers in amniotic fluid for early assessment of intraamniotic infection. <i>Free Radical Biology and Medicine</i> , 2015 , 89, 734-40	7.8	17
221	Monitoring of system conditioning after blank injections in untargeted UPLC-MS metabolomic analysis. <i>Scientific Reports</i> , 2019 , 9, 9822	4.9	17
220	Evaluating the fetus at risk for cardiopulmonary compromise. <i>Seminars in Fetal and Neonatal Medicine</i> , 2013 , 18, 324-9	3.7	17
219	Vincristine, an efficacious alternative for diffuse neonatal haemangiomas. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2010 , 99, 311-5	3.1	17
218	A Review of Oxygen Use During Chest Compressions in Newborns-A Meta-Analysis of Animal Data. <i>Frontiers in Pediatrics</i> , 2018 , 6, 400	3.4	17
217	Oxidative Stress in the Newborn Period: Useful Biomarkers in the Clinical Setting. <i>Antioxidants</i> , 2018 , 7,	7.1	17
216	A Cascaded Multiple Expert System for Verification. <i>Lecture Notes in Computer Science</i> , 2000 , 330-339	0.9	17
215	External cavity-quantum cascade laser (EC-QCL) spectroscopy for protein analysis in bovine milk. <i>Analytica Chimica Acta</i> , 2017 , 963, 99-105	6.6	16
214	Communication deficits and avoidance of angry faces in children with autism spectrum disorder. <i>Research in Developmental Disabilities</i> , 2017 , 62, 218-226	2.7	16
213	Plasma metabolite score correlates with Hypoxia time in a newly born piglet model for asphyxia. <i>Redox Biology</i> , 2017 , 12, 1-7	11.3	16
212	Reference ranges for cortisol and 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	3.2	16
211	Development of a reliable analytical method to determine lipid peroxidation biomarkers in newborn plasma samples. <i>Talanta</i> , 2016 , 153, 152-7	6.2	16

210	Evaluation of the effect of chance correlations on variable selection using Partial Least Squares-Discriminant Analysis. <i>Talanta</i> , 2013 , 116, 835-40	6.2	16
209	Abdominal Near-Infrared Spectroscopy Detects Low Mesenteric Perfusion Early in Preterm Infants with Hemodynamic Significant Ductus Arteriosus. <i>Neonatology</i> , 2017 , 112, 238-245	4	16
208	Minimally Invasive Surfactant Therapy: An Update. <i>NeoReviews</i> , 2014 , 15, e275-e285	1.1	16
207	Tailoring oxygen needs of extremely low birth weight infants in the delivery room. <i>Neonatology</i> , 2011 , 99, 342-8	4	16
206	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	3.5	16
205	Biomonitoring of parabens in human milk and estimated daily intake for breastfed infants. <i>Chemosphere</i> , 2020 , 240, 124829	8.4	16
204	Metabolomic Analysis of the Effect of Postnatal Hypoxia on the Retina in a Newly Born Piglet Model. <i>PLoS ONE</i> , 2013 , 8, e66540	3.7	15
203	Current Practice in Untargeted Human Milk Metabolomics. <i>Metabolites</i> , 2020 , 10,	5.6	15
202	Topiramate plus Cooling for Hypoxic-Ischemic Encephalopathy: A Randomized, Controlled, Multicenter, Double-Blinded Trial. <i>Neonatology</i> , 2019 , 116, 76-84	4	14
201	Managing preterm infants in the first minutes of life. <i>Paediatric Respiratory Reviews</i> , 2015 , 16, 151-6	4.8	14
200	Evolution of Energy Related Metabolites in Plasma from Newborns with Hypoxic-Ischemic Encephalopathy during Hypothermia Treatment. <i>Scientific Reports</i> , 2017 , 7, 17039	4.9	14
199	Biomonitoring of non-persistent pesticides in urine from lactating mothers: Exposure and risk assessment. <i>Science of the Total Environment</i> , 2020 , 699, 134385	10.2	14
198	Environmental Exposure during Pregnancy: Influence on Prenatal Development and Early Life: A Comprehensive Review. <i>Fetal Diagnosis and Therapy</i> , 2021 , 48, 245-257	2.4	14
197	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	3.1	14
196	Perinatal health services organization for preterm births: a multinational comparison. <i>Journal of Perinatology</i> , 2017 , 37, 762-768	3.1	13
195	Stress and neurodegeneration. <i>Clinica Chimica Acta</i> , 2020 , 503, 163-168	6.2	13
194	What does the world think of ankyloglossia?. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2018 , 107, 1733-1738	3.1	13
193	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	4	13

192	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	3.2	13
191	Comparing Targeted vs. Untargeted MS Data-Dependent Acquisition for Peak Annotation in LC-MS Metabolomics. <i>Metabolites</i> , 2020 , 10,	5.6	13
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186	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	4.1	12
185	Omics-based Biomarkers for the Early Alzheimer Disease Diagnosis and Reliable Therapeutic Targets Development. <i>Current Neuropharmacology</i> , 2019 , 17, 630-647	7.6	12
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183	Is 100% oxygen necessary for the resuscitation of newborn infants?. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2004 , 15, 75-84	2	11
182	A CLASSIFICATION RELIABILITY DRIVEN REJECT RULE FOR MULTI-EXPERT SYSTEMS. <i>International Journal of Pattern Recognition and Artificial Intelligence</i> , 2001 , 15, 885-904	1.1	11
181	Symbol and Shape Recognition. <i>Lecture Notes in Computer Science</i> , 2000 , 167-182	0.9	11
180	Assessment of phospholipid synthesis related biomarkers for perinatal asphyxia: a piglet study. <i>Scientific Reports</i> , 2017 , 7, 40315	4.9	10
179	Is There a "Right" Amount of Oxygen for Preterm Infant Stabilization at Birth?. <i>Frontiers in Pediatrics</i> , 2019 , 7, 354	3.4	10
178	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	7.8	10
177	The Effect of Morbidity and Sex on Postnatal Growth of Very Preterm Infants: A Multicenter Cohort Study. <i>Neonatology</i> , 2019 , 115, 348-354	4	10
176	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	6	10
175	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	2.7	10

174	The International Network for Evaluating Outcomes (iNeo) of neonates: evolution, progress and opportunities. <i>Translational Pediatrics</i> , 2019 , 8, 170-181	4.2	10
173	Metabolic adaptation and neuroprotection differ in the retina and choroid in a piglet model of acute postnatal hypoxia. <i>Pediatric Research</i> , 2014 , 76, 127-34	3.2	10
172	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	2.8	10
171	Whole Blood Gene Expression Reveals Specific Transcriptome Changes in Neonatal Encephalopathy. <i>Neonatology</i> , 2019 , 115, 68-76	4	9
170	Neuropsychological assessment and cortisol levels in biofluids from early Alzheimer's disease patients. <i>Experimental Gerontology</i> , 2019 , 123, 10-16	4.5	9
169	Oxygen and preterm infant resuscitation: what else do we need to know?. <i>Current Opinion in Pediatrics</i> , 2018 , 30, 192-198	3.2	9
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167	Consequences of neonatal resuscitation with supplemental oxygen. <i>Seminars in Perinatology</i> , 2008 , 32, 355-66	3.3	9
166	Lactose hydrolysis and calcium absorption in premature feeding. <i>Journal of Pediatrics</i> , 2003 , 142, 737-8	3.6	9
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163	Effect of donor human milk on host-gut microbiota and metabolic interactions in preterm infants. <i>Clinical Nutrition</i> , 2021 , 40, 1296-1309	5.9	9
162	Neonatal Outcomes of Very Preterm or Very Low Birth Weight Triplets. <i>Pediatrics</i> , 2018 , 142,	7.4	9
161	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	4	9
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159	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, e7-8	4	8
158	Targeting Oxygen in Term and Preterm Infants Starting at Birth. <i>Clinics in Perinatology</i> , 2019 , 46, 459-473	3.8	8
157	Assessment of lipid peroxidation and artificial neural network models in early Alzheimer Disease diagnosis. <i>Clinical Biochemistry</i> , 2019 , 72, 64-70	3.5	8

156	Oxygen and Oxidative Stress in the Neonatal Period. <i>NeoReviews</i> , 2011 , 12, e613-e624	1.1	8
155	Oxygen saturation targets for preterm infants in the delivery room. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2012 , 25 Suppl 1, 45-6	2	8
154	Differential hemodynamic effects of levosimendan in a porcine model of neonatal hypoxia-reoxygenation. <i>Neonatology</i> , 2012 , 101, 192-200	4	8
153	Experimental support for multidrug resistance transfer potential in the preterm infant gut microbiota. <i>Pediatric Research</i> , 2020 , 88, 57-65	3.2	8
152	Umbilical cord milking reduces the risk of intraventricular hemorrhage in preterm infants born before 32 weeks of gestation. <i>Journal of Perinatology</i> , 2019 , 39, 547-553	3.1	7
151	Biomarkers of oxidative stress derived damage to proteins and DNA in human breast milk. <i>Analytica Chimica Acta</i> , 2018 , 1016, 78-85	6.6	7
150	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	3.1	7
149	Does Pasteurized Donor Human Milk Efficiently Protect Preterm Infants Against Oxidative Stress?. <i>Antioxidants and Redox Signaling</i> , 2019 , 31, 791-799	8.4	7
148	Infrared biospectroscopy for a fast qualitative evaluation of sample preparation in metabolomics. <i>Talanta</i> , 2014 , 127, 181-90	6.2	7
147	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	11.3	7
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145	Early neurotransmission impairment in non-invasive Alzheimer Disease detection. <i>Scientific Reports</i> , 2020 , 10, 16396	4.9	7
144	Does the intravenous administration of frusemide reduce endolymphatic hydrops?. <i>Journal of Laryngology and Otology</i> , 2016 , 130, 242-7	1.8	7
143	Preventive strategies and factors associated with surgically treated necrotising enterocolitis in extremely preterm infants: an international unit survey linked with retrospective cohort data analysis. <i>BMJ Open</i> , 2019 , 9, e031086	3	7
142	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	9.3	7
141	Non-invasive monitoring of stress biomarkers in the newborn period. <i>Seminars in Fetal and Neonatal Medicine</i> , 2019 , 24, 101002	3.7	6
140	Unit-Level Variations in Healthcare Professionals Availability for Preterm Neonates . <i>Neonatology</i> , 2019 , 116, 347-355	4	6
139	Definition and Validation of a Distance Measure Between Structural Primitives. <i>Pattern Analysis and Applications</i> , 1999 , 2, 215-227	2.3	6

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137	Clinical Utility of Plasma Lipid Peroxidation Biomarkers in Alzheimer's Disease Differential Diagnosis. <i>Antioxidants</i> , 2020 , 9,	7.1	6
136	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	10.2	6
135	Spanish survey on follow-up programmes for children born very preterm. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2019 , 108, 1042-1048	3.1	6
134	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	3.1	5
133	Mass spectrometric detection of biomarkers for early assessment of intraamniotic fluid infection. <i>Data in Brief</i> , 2015 , 5, 1026-30	1.2	5
132	Oxygen in the delivery room. <i>Early Human Development</i> , 2013 , 89 Suppl 1, S11-3	2.2	5
131	Intravenous Immune Globulin: Clinical Applications in the Newborn. <i>NeoReviews</i> , 2010 , 11, e370-e378	1.1	5
130	Milrinone is preferred to levosimendan for mesenteric perfusion in hypoxia-reoxygenated newborn piglets treated with dopamine. <i>Pediatric Research</i> , 2012 , 71, 241-6	3.2	5
129	Improving Neonatal Transition by Giving Ventilatory Support in the Delivery Room. <i>NeoReviews</i> , 2012 , 13, e343-e352	1.1	5
128	Character recognition by geometrical moments on structural decompositions		5
127	Neurodevelopmental outcomes of preterm infants after randomisation to initial resuscitation with lower (FiO 0.3) or higher (FiO 0.6) initial oxygen levels. An individual patient meta-analysis. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2021 ,	4.7	5
126	Transcriptome profiles discriminate between Gram-positive and Gram-negative sepsis in preterm neonates. <i>Pediatric Research</i> , 2021 ,	3.2	5
125	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	3.1	5
124	Inter-center variability in neonatal outcomes of preterm infants: A longitudinal evaluation of 298 neonatal units in 11 countries. <i>Seminars in Fetal and Neonatal Medicine</i> , 2021 , 26, 101196	3.7	5
123	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	4	5
122	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	3.1	4
121	Trajectories of stress biomarkers and anxious-depressive symptoms from pregnancy to postpartum period in women with a trauma history. <i>Hjere Utbildning</i> , 2019 , 10, 1601990	5	4

120	Optimal Inspired Fraction of Oxygen in the Delivery Room for Preterm Infants. <i>Children</i> , 2019 , 6,	2.8	4
119	Postnatal development of fetuses with a single umbilical artery: differences between malformed and non-malformed infants. <i>World Journal of Pediatrics</i> , 2015 , 11, 61-6	4.6	4
118	Metabolic Phenotypes of Hypoxic-Ischemic Encephalopathy with Normal vs. Pathologic Magnetic Resonance Imaging Outcomes. <i>Metabolites</i> , 2020 , 10,	5.6	4
117	Free radical damage can cause serious long-lasting effects. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2018 , 107, 2099	3.1	4
116	Classifying audio of movies by a multi-expert system		4
115	Use of Oxygen in the Resuscitation of Neonates. <i>Oxidative Stress in Applied Basic Research and Clinical Practice</i> , 2014 , 213-243		4
114	An Object Tracking Algorithm Combining Different Cost Functions. <i>Lecture Notes in Computer Science</i> , 2004 , 614-622	0.9	4
113	Attentional Patterns to Emotional Faces Versus Scenes in Children with Autism Spectrum Disorders. <i>Journal of Autism and Developmental Disorders</i> , 2019 , 49, 1484-1492	4.6	4
112	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	5.5	4
111	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	3.1	4
110	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	8.4	4
109	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	3.1	4
108	Protein Oxidation Biomarkers and Myeloperoxidase Activation in Cerebrospinal Fluid in Childhood Bacterial Meningitis. <i>Antioxidants</i> , 2019 , 8,	7.1	3
107	The role of attentional biases to appetitive stimuli in childhood overweight. <i>Journal of Experimental Child Psychology</i> , 2019 , 185, 206-213	2.3	3
106	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	3.6	3
105	Determination of biomarkers of protein oxidation in tissue and plasma. <i>Free Radical Biology and Medicine</i> , 2014 , 75 Suppl 1, S51	7.8	3
104	Titration of oxygen needs in the very preterm newborn in the delivery room. <i>Journal of Neonatal-Perinatal Medicine</i> , 2010 , 3, 161-169	1.3	3
103	Immunosuppressive Drugs and Pregnancy: Mycophenolate Mofetil Embryopathy. <i>NeoReviews</i> , 2010 , 11, e578-e589	1.1	3

102	Noninvasive Respiratory Support in the Delivery Room: Introduction. <i>NeoReviews</i> , 2012 , 13, e334-e335	1.1	3
101	Case 2: An 18-month-old child with necrotic lesions on the limbs. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2006 , 95, 1506-8	3.1	3
100	Oxygen saturation and heart rate in healthy term and late preterm infants with delayed cord clamping. <i>Pediatric Research</i> , 2022 ,	3.2	3
99	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	4.7	3
98	Metabolomics study to identify plasma biomarkers in alzheimer disease: ApoE genotype effect. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020 , 180, 113088	3.5	3
97	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	3.6	3
96	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	3.4	3
95	The Relationship between Oxidative Stress, Intermittent Hypoxemia, and Hospital Duration in Moderate Preterm Infants. <i>Neonatology</i> , 2020 , 117, 577-583	4	3
94	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	3.6	3
93	The Impact of Postnatal Systemic Steroids on the Growth of Preterm Infants: A Multicenter Cohort Study. <i>Nutrients</i> , 2019 , 11,	6.7	3
92	Oxidative stress biomarkers in the preterm infant. <i>Advances in Clinical Chemistry</i> , 2021 , 102, 127-189	5.8	3
91	Quantitative Evaluation of Neonatal Brain Elasticity Using Shear Wave Elastography. <i>Journal of Ultrasound in Medicine</i> , 2021 , 40, 795-804	2.9	3
90	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	3.1	3
89	ATR-FTIR spectroscopy for the routine quality control of exosome isolations. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2021 , 217, 104401	3.8	3
88	Analysis of Lipid Peroxidation by UPLC-MS/MS and Retinoprotective Effects of the Natural Polyphenol Pterostilbene. <i>Antioxidants</i> , 2021 , 10,	7.1	3
87	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	2.8	2
86	Risk assessment of exposure to phthalates in breastfeeding women using human biomonitoring. <i>Chemosphere</i> , 2020 , 255, 127003	8.4	2
85	We want our families in the NICU!. <i>Pediatric Research</i> , 2020 , 88, 354-355	3.2	2

84	Oxygen Supplementation During Preterm Stabilization and the Relevance of the First 5 min After Birth. <i>Frontiers in Pediatrics</i> , 2020 , 8, 12	3.4	2
83	Oxidative stress in perinatal asphyxia and hypoxic-ischaemic encephalopathy. <i>Anales De Pediatr�a (English Edition)</i> , 2018 , 88, 228.e1-228.e9	0.4	2
82	More than 3 hours and less than 3 years old. Safety of anesthetic procedures in children under 3 years of age, subject to surgeries of more than 3 hours. <i>Revista Espa�ola De Anestesiolog�a Y Reanimaci�n</i> , 2017 , 64, 577-584	0.9	2
81	More about surfactant, oxygen, caffeine and chronic lung disease. <i>Neonatology</i> , 2014 , 105, 320-2	4	2
80	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	3.5	2
79	A UPLC-MS/MS method for the determination of oxidative stress biomarkers in amniotic fluid.. <i>Free Radical Biology and Medicine</i> , 2021 , 179, 164-164	7.8	2
78	Nitric oxide and preterm resuscitation: some words of caution. <i>Pediatric Research</i> , 2020 , 87, 438-440	3.2	2
77	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	3.1	2
76	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> , 2021 , 1	5.5	2
75	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	3.1	2
74	Cumulative life stressors and stress response to threatened preterm labour as birth date predictors. <i>Archives of Gynecology and Obstetrics</i> , 2021 , 1	2.5	2
73	Probiotic characterization of Lactobacillus strains isolated from breast milk and employment for the elaboration of a fermented milk product. <i>Journal of Functional Foods</i> , 2021 , 84, 104599	5.1	2
72	Pulmonary hypertension and oxidative stress: Where is the link?. <i>Seminars in Fetal and Neonatal Medicine</i> , 2022 , 101347	3.7	2
71	Isoprostanooids Levels in Cerebrospinal Fluid Do Not Reflect Alzheimer's Disease. <i>Antioxidants</i> , 2020 , 9,	7.1	1
70	Newborn Resuscitation in Settings Without Access to Supplemental Oxygen. <i>Clinics in Perinatology</i> , 2019 , 46, 475-491	2.8	1
69	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,	6.7	1
68	The Genetics of Aminoglycoside-Related Deafness. <i>NeoReviews</i> , 2014 , 15, e449-e457	1.1	1
67	Effects of targeting higher versus lower arterial oxygen saturations on death or disability in preterm infants 2014 ,		1

66	Response to the comment on "Can stress biomarkers predict preterm birth in women with threatened preterm labor?". <i>Psychoneuroendocrinology</i> , 2017 , 85, 216-217	5	1
65	Role of human milk in oxidative stress associated with prematurity. <i>Journal of Pediatric Biochemistry</i> , 2015 , 03, 169-177		1
64	Understanding Cardiac Troponin T in the Newborn Period. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2006 , 173, 817-817	10.2	1
63	263 Asphyctic Renal Damage is Increased by The Use of Pure Oxygen Upon Resuscitation. <i>Pediatric Research</i> , 2004 , 56, 508-508	3.2	1
62	Erythropoietin and iron therapy for preterm infants. <i>Journal of Pediatrics</i> , 1999 , 134, 520; author reply 521-2	3.6	1
61	Nests of dividing neuroblasts sustain interneuron production for the developing human brain.. <i>Science</i> , 2022 , 375, eabk2346	33.3	1
60	Attentional biases towards emotional scenes in autism spectrum condition: An eye-tracking study. <i>Research in Developmental Disabilities</i> , 2021 , 120, 104124	2.7	1
59	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,	2.8	1
58	Updating the management of preterm infants in the 1stmin after birth. <i>Journal of Clinical Neonatology</i> , 2014 , 3, 133	0.3	1
57	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	3.8	1
56	Oxygen saturation (SpO2) targeting for newborn infants at delivery: Are we reaching for an impossible unknown?. <i>Seminars in Fetal and Neonatal Medicine</i> , 2021 , 26, 101220	3.7	1
55	Do children with overweight respond faster to food-related words?. <i>Appetite</i> , 2021 , 161, 105134	4.5	1
54	miRNomic Signature in Very Low Birth-Weight Neonates Discriminates Late-Onset Gram-Positive Sepsis from Controls. <i>Diagnostics</i> , 2021 , 11,	3.8	1
53	Oxygen Modulation and Bronchopulmonary Dysplasia: Delivery Room and Beyond. <i>Respiratory Medicine</i> , 2016 , 183-198	0.2	1
52	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	2	1
51	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,	5.1	1
50	Improving fetal to neonatal transition of the very preterm infant: novel approaches. <i>Chinese Medical Journal</i> , 2010 , 123, 2924-8	2.9	1
49	The effect of Holder pasteurization on the lipid and metabolite composition of human milk.. <i>Food Chemistry</i> , 2022 , 384, 132581	8.5	1

48	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	3.3	1
47	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	2.6	0
46	Oxigenoterapia en el recién nacido. <i>Anales De Pediatría Continuada</i> , 2014 , 12, 68-73		0
45	Does oxygen concentration used for resuscitation influence outcome of asphyxiated newly born infants treated with hypothermia?. <i>Pediatrics</i> , 2006 , 117, 2326-8; author reply 2328	7.4	0
44	The need to assess benefits and not just risks of 100% oxygen for newborn resuscitation. <i>Pediatrics</i> , 2007 , 119, 217; author reply 217-9	7.4	0
43	Clinical and immunological aspects of microRNAs in neonatal sepsis. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 145, 112444	7.5	0
42	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 , 1-8	4	0
41	Oxygen Toxicity in Newborns 2017 , 1-18		0
40	Impact of maternal age on infants' emotional regulation and psychomotor development. <i>Psychological Medicine</i> , 2021 , 1-12	6.9	0
39	Preventive bundle approach decreases the incidence of ventilator-associated pneumonia in newborn infants. <i>Journal of Perinatology</i> , 2021 , 41, 1467-1473	3.1	0
38	Myocardial Infarction in Neonates: A Diagnostic and Therapeutic Challenge. <i>Case Reports in Pediatrics</i> , 2019 , 2019, 7203407	0.7	0
37	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	4	0
36	Emotional regulation and psychomotor development after threatening preterm labor: a prospective study. <i>European Child and Adolescent Psychiatry</i> , 2021 , 1	5.5	0
35	Fetal to neonatal transition: what additional information can be provided by cerebral near infrared spectroscopy?. <i>Pediatric Research</i> ,	3.2	0
34	Oxygen supplementation in neonatal resuscitation. <i>Anales De Pediatría (English Edition)</i> , 2017 , 86, 1-3	0.4	
33	Effect of adding fortifiers and protein supplements on the osmolality of donated maternal milk. <i>Anales De Pediatría (English Edition)</i> , 2020 , 93, 297-304	0.4	
32	Introduction. <i>Seminars in Fetal and Neonatal Medicine</i> , 2020 , 25, 101088	3.7	
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