

Daniele De Luca

List of Publications by Year in descending order

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Version: 2024-02-01

224
papers

8,330
citations

53794

45
h-index

60623

81
g-index

228
all docs

228
docs citations

228
times ranked

7218
citing authors

#	ARTICLE	IF	CITATIONS
1	Transplacental transmission of SARS-CoV-2 infection. <i>Nature Communications</i> , 2020, 11, 3572.	12.8	808
2	Surviving Sepsis Campaign International Guidelines for the Management of Septic Shock and Sepsis-Associated Organ Dysfunction in Children. <i>Pediatric Critical Care Medicine</i> , 2020, 21, e52-e106.	0.5	567
3	Surviving sepsis campaign international guidelines for the management of septic shock and sepsis-associated organ dysfunction in children. <i>Intensive Care Medicine</i> , 2020, 46, 10-67.	8.2	331
4	International evidence-based guidelines on Point of Care Ultrasound (POCUS) for critically ill neonates and children issued by the POCUS Working Group of the European Society of Paediatric and Neonatal Intensive Care (ESPNIC). <i>Critical Care</i> , 2020, 24, 65.	5.8	323
5	Lung Ultrasonography Score to Evaluate Oxygenation and Surfactant Need in Neonates Treated With Continuous Positive Airway Pressure. <i>JAMA Pediatrics</i> , 2015, 169, e151797.	6.2	278
6	Synthesis and systematic review of reported neonatal SARS-CoV-2 infections. <i>Nature Communications</i> , 2020, 11, 5164.	12.8	247
7	Recommendations for mechanical ventilation of critically ill children from the Paediatric Mechanical Ventilation Consensus Conference (PEMVECC). <i>Intensive Care Medicine</i> , 2017, 43, 1764-1780.	8.2	229
8	Delayed versus Immediate Cord Clamping in Preterm Infants. <i>New England Journal of Medicine</i> , 2017, 377, 2445-2455.	27.0	228
9	The Montreux definition of neonatal ARDS: biological and clinical background behind the description of a new entity. <i>Lancet Respiratory Medicine</i> , 2017, 5, 657-666.	10.7	202
10	Lung Ultrasound Score Predicts Surfactant Need in Extremely Preterm Neonates. <i>Pediatrics</i> , 2018, 142, .	2.1	173
11	Lung Ultrasound for Diagnosing Pneumothorax in the Critically Ill Neonate. <i>Journal of Pediatrics</i> , 2016, 175, 74-78.e1.	1.8	153
12	Chronic Histiocytic Intervillositis With Trophoblast Necrosis Is a Risk Factor Associated With Placental Infection From Coronavirus Disease 2019 (COVID-19) and Intrauterine Maternal-Fetal Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Transmission in Live-Born and Stillborn Infants. <i>Archives of Pathology and Laboratory Medicine</i> , 2021, 145, 517-528.	2.5	125
13	Point-of-care lung ultrasound in neonatology: classification into descriptive and functional applications. <i>Pediatric Research</i> , 2021, 90, 524-531.	2.3	123
14	Lung ultrasound findings in meconium aspiration syndrome. <i>Early Human Development</i> , 2014, 90, S41-S43.	1.8	108
15	The use of the Berlin definition for acute respiratory distress syndrome during infancy and early childhood: multicenter evaluation and expert consensus. <i>Intensive Care Medicine</i> , 2013, 39, 2083-2091.	8.2	104
16	Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Vertical Transmission in Neonates Born to Mothers With Coronavirus Disease 2019 (COVID-19) Pneumonia. <i>Obstetrics and Gynecology</i> , 2020, 136, 65-67.	2.4	104
17	Noninvasive pressure-support ventilation in immunocompromised children with ARDS: a feasibility study. <i>Intensive Care Medicine</i> , 2009, 35, 1420-1427.	8.2	95
18	Intrahepatic Cholestasis of Pregnancy and Neonatal Respiratory Distress Syndrome. <i>Pediatrics</i> , 2006, 117, 1669-1672.	2.1	92

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19	Quantitative Lung Ultrasound: Technical Aspects and Clinical Applications. <i>Anesthesiology</i> , 2021, 134, 949-965.	2.5	88
20	Lung Ultrasound to Monitor Extremely Preterm Infants and Predict Bronchopulmonary Dysplasia. A Multicenter Longitudinal Cohort Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 203, 1398-1409.	5.6	85
21	Echography-Guided Surfactant Therapy to Improve Timeliness of Surfactant Replacement: A Quality Improvement Project. <i>Journal of Pediatrics</i> , 2019, 212, 137-143.e1.	1.8	84
22	Refractory septic shock in children: a European Society of Paediatric and Neonatal Intensive Care definition. <i>Intensive Care Medicine</i> , 2016, 42, 1948-1957.	8.2	81
23	Lung ultrasound decreased radiation exposure in preterm infants in a neonatal intensive care unit. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2016, 105, e237-9.	1.5	80
24	Bile Acid-Induced Lung Injury in Newborn Infants: A Bronchoalveolar Lavage Fluid Study. <i>Pediatrics</i> , 2008, 121, e146-e149.	2.1	75
25	A Multicenter Lung Ultrasound Study on Transient Tachypnea of the Neonate. <i>Neonatology</i> , 2019, 115, 263-268.	2.0	71
26	Moving Beyond the Stethoscope: Diagnostic Point-of-Care Ultrasound in Pediatric Practice. <i>Pediatrics</i> , 2019, 144, .	2.1	70
27	Incidence of paediatric pneumococcal meningitis and emergence of new serotypes: a time-series analysis of a 16-year French national survey. <i>Lancet Infectious Diseases</i> , The, 2018, 18, 983-991.	9.1	69
28	Effect of Different Probes and Expertise on the Interpretation Reliability of Point-of-Care Lung Ultrasound. <i>Chest</i> , 2020, 157, 924-931.	0.8	67
29	Non-invasive high-frequency oscillatory ventilation in neonates: review of physiology, biology and clinical data. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2016, 101, F565-F570.	2.8	65
30	Does Ibuprofen Increase Neonatal Hyperbilirubinemia?. <i>Pediatrics</i> , 2009, 124, 480-484.	2.1	64
31	Prevention of Nosocomial Infections in Neonatal Intensive Care Units. <i>American Journal of Perinatology</i> , 2013, 30, 081-088.	1.4	62
32	Noninvasive high frequency oscillatory ventilation through nasal prongs: bench evaluation of efficacy and mechanics. <i>Intensive Care Medicine</i> , 2010, 36, 2094-2100.	8.2	58
33	Review of guidelines and recommendations from 17 countries highlights the challenges that clinicians face caring for neonates born to mothers with COVID-19. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2020, 109, 2192-2207.	1.5	57
34	Skin bilirubin nomogram for the first 96 h of life in a European normal healthy newborn population, obtained with multiwavelength transcutaneous bilirubinometry. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2008, 97, 146-150.	1.5	55
35	Role of distinct phospholipases A2 and their modulators in meconium aspiration syndrome in human neonates. <i>Intensive Care Medicine</i> , 2011, 37, 1158-1165.	8.2	53
36	The number of failing organs predicts non-invasive ventilation failure in children with ALI/ARDS. <i>Intensive Care Medicine</i> , 2011, 37, 1510-1516.	8.2	53

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37	Severe Acute Respiratory Syndrome Coronavirus 2 and Pregnancy Outcomes According to Gestational Age at Time of Infection. <i>Emerging Infectious Diseases</i> , 2021, 27, 2535-2543.	4.3	53
38	Using Bilirubin for preterm neonates in a sub-intensive unit: Diagnostic usefulness and suitability. <i>Early Human Development</i> , 2007, 83, 313-317.	1.8	51
39	Clinical and biological role of secretory phospholipase A2 in acute respiratory distress syndrome infants. <i>Critical Care</i> , 2013, 17, R163.	5.8	51
40	Seeing Is Believing: Ultrasound in Pediatric Procedural Performance. <i>Pediatrics</i> , 2019, 144, .	2.1	51
41	Neurally Adjusted Ventilatory Assist in Preterm Neonates with Acute Respiratory Failure. <i>Neonatology</i> , 2015, 107, 60-67.	2.0	49
42	Bile acids cause secretory phospholipase A2 activity enhancement, reversible by exogenous surfactant administration. <i>Intensive Care Medicine</i> , 2009, 35, 321-326.	8.2	48
43	Effect of amplitude and inspiratory time in a bench model of noninvasive HFOV through nasal prongs. <i>Pediatric Pulmonology</i> , 2012, 47, 1012-1018.	2.0	48
44	Transcutaneous Bilirubin Nomograms. <i>JAMA Pediatrics</i> , 2009, 163, 1054-9.	3.0	47
45	Neurally adjusted ventilatory assist vs pressure support ventilation in infants recovering from severe acute respiratory distress syndrome: Nested study. <i>Journal of Critical Care</i> , 2014, 29, 312.e1-312.e5.	2.2	47
46	Skin bilirubin measurement during phototherapy in preterm and term newborn infants. <i>Early Human Development</i> , 2009, 85, 537-540.	1.8	44
47	Managing neonates with respiratory failure due to SARS-CoV-2. <i>The Lancet Child and Adolescent Health</i> , 2020, 4, e8.	5.6	44
48	A Noninvasive Surfactant Adsorption Test Predicting the Need for Surfactant Therapy in Preterm Infants Treated with Continuous Positive Airway Pressure. <i>Journal of Pediatrics</i> , 2017, 182, 66-73.e1.	1.8	42
49	Pharmacokinetics and clinical predictors of surfactant redosing in respiratory distress syndrome. <i>Intensive Care Medicine</i> , 2011, 37, 510-517.	8.2	41
50	Hofbauer Cells and COVID-19 in Pregnancy. <i>Archives of Pathology and Laboratory Medicine</i> , 2021, 145, 1328-1340.	2.5	40
51	Iloprost as "rescue" therapy for pulmonary hypertension of the neonate. <i>Paediatric Anaesthesia</i> , 2007, 17, 394-395.	1.1	38
52	Less invasive surfactant administration: a word of caution. <i>The Lancet Child and Adolescent Health</i> , 2020, 4, 331-340.	5.6	38
53	Personalized Medicine for the Management of RDS in Preterm Neonates. <i>Neonatology</i> , 2021, 118, 127-138.	2.0	38
54	Meta-Analysis of Lung Ultrasound Scores for Early Prediction of Bronchopulmonary Dysplasia. <i>Annals of the American Thoracic Society</i> , 2022, 19, 659-667.	3.2	37

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55	Efficacy of a single dose of antenatal corticosteroids on morbidity and mortality of preterm infants. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2007, 131, 154-157.	1.1	36
56	Secretory phospholipase A2 and neonatal respiratory distress: pilot study on broncho-alveolar lavage. <i>Intensive Care Medicine</i> , 2008, 34, 1858-64.	8.2	36
57	Secretory phospholipase A2 pathway during pediatric acute respiratory distress syndrome: A preliminary study. <i>Pediatric Critical Care Medicine</i> , 2011, 12, e20-e24.	0.5	36
58	Cell Count Analysis from Nonbronchoscopic Bronchoalveolar Lavage in Preterm Infants. <i>Journal of Pediatrics</i> , 2018, 200, 30-37.e2.	1.8	36
59	Nebulized iloprost and noninvasive respiratory support for impending hypoxaemic respiratory failure in formerly preterm infants: A case series. <i>Pediatric Pulmonology</i> , 2012, 47, 757-762.	2.0	35
60	Continuous Positive Airway Pressure With Helmet Versus Mask in Infants With Bronchiolitis: An RCT. <i>Pediatrics</i> , 2015, 135, e868-e875.	2.1	35
61	Diagnosis and Management of Necrotizing Enterocolitis: An International Survey of Neonatologists and Pediatric Surgeons. <i>Neonatology</i> , 2018, 113, 170-176.	2.0	35
62	Pulse oximetry screening for critical congenital heart defects: a European consensus statement. <i>The Lancet Child and Adolescent Health</i> , 2017, 1, 88-90.	5.6	34
63	Effects of Positive End Expiratory Pressure (PEEP) on Intracranial and Cerebral Perfusion Pressure In Pediatric Neurosurgical Patients. <i>Journal of Neurosurgical Anesthesiology</i> , 2013, 25, 330-334.	1.2	32
64	Porcine vs bovine surfactant therapy for preterm neonates with RDS: systematic review with biological plausibility and pragmatic meta-analysis of respiratory outcomes. <i>Respiratory Research</i> , 2019, 20, 28.	3.6	32
65	Transient effect of epoprostenol and sildenafil combined with iNO for pulmonary hypertension in congenital diaphragmatic hernia. <i>Paediatric Anaesthesia</i> , 2006, 16, 597-598.	1.1	31
66	Role of macrophages in bile acid-induced inflammatory response of fetal lung during maternal cholestasis. <i>Journal of Molecular Medicine</i> , 2014, 92, 359-372.	3.9	31
67	Continuous Positive Airway Pressure and the Burden of Care for Transient Tachypnea of the Neonate: Retrospective Cohort Study. <i>American Journal of Perinatology</i> , 2015, 32, 939-943.	1.4	31
68	Continuous positive airway pressure delivery during less invasive surfactant administration: a physiologic study. <i>Journal of Perinatology</i> , 2018, 38, 271-277.	2.0	31
69	Efficacy of light-emitting diode versus other light sources for treatment of neonatal hyperbilirubinemia: a systematic review and meta-analysis. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2012, 101, 458-465.	1.5	30
70	Surfactant Injury in the Early Phase of Severe Meconium Aspiration Syndrome. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2020, 63, 327-337.	2.9	30
71	Noninvasive High-Frequency Oscillatory Ventilation vs Nasal Continuous Positive Airway Pressure vs Nasal Intermittent Positive Pressure Ventilation as Postextubation Support for Preterm Neonates in China. <i>JAMA Pediatrics</i> , 2022, 176, 551.	6.2	30
72	Role of Lactoferrin in Neonates and Infants: An Update. <i>American Journal of Perinatology</i> , 2018, 35, 561-565.	1.4	29

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73	Predicting respiratory distress syndrome in neonates from mothers with intrahepatic cholestasis of pregnancy. <i>Early Human Development</i> , 2008, 84, 337-341.	1.8	28
74	Neuroprotection and Hypothermia in Infants and Children. <i>Current Drug Targets</i> , 2012, 13, 925-935.	2.1	28
75	Controlled hypothermia may improve surfactant function in asphyxiated neonates with or without meconium aspiration syndrome. <i>PLoS ONE</i> , 2018, 13, e0192295.	2.5	28
76	Epidemiology of Neonatal Acute Respiratory Distress Syndrome: Prospective, Multicenter, International Cohort Study. <i>Pediatric Critical Care Medicine</i> , 2022, 23, 524-534.	0.5	28
77	Oscillation transmission and volume delivery during face mask-delivered HFOV in infants: Bench and in vivo study. <i>Pediatric Pulmonology</i> , 2016, 51, 705-712.	2.0	27
78	Surfactant therapies for pediatric and neonatal ARDS: ESPNIC expert consensus opinion for future research steps. <i>Critical Care</i> , 2021, 25, 75.	5.8	26
79	Post lockdown COVID-19 seroprevalence and circulation at the time of delivery, France. <i>PLoS ONE</i> , 2020, 15, e0240782.	2.5	26
80	Neonatal hyperbilirubinemia and early discharge from the maternity ward. <i>European Journal of Pediatrics</i> , 2009, 168, 1025-1030.	2.7	25
81	SARS-CoV-2 Infection in a Pediatric Department in Milan. <i>Pediatric Infectious Disease Journal</i> , 2020, 39, e79-e80.	2.0	25
82	Varespladib Inhibits Secretory Phospholipase A2 in Bronchoalveolar Lavage of Different Types of Neonatal Lung Injury. <i>Journal of Clinical Pharmacology</i> , 2012, 52, 729-737.	2.0	24
83	Short- and long-term respiratory outcomes in neonates with ventilator-associated pneumonia. <i>Pediatric Pulmonology</i> , 2019, 54, 1982-1988.	2.0	24
84	Pharmacological Therapies for Pediatric and Neonatal ALI/ARDS: An Evidence-Based Review. <i>Current Drug Targets</i> , 2012, 13, 906-916.	2.1	23
85	Effect of whole body hypothermia on inflammation and surfactant function in asphyxiated neonates. <i>European Respiratory Journal</i> , 2014, 44, 1708-1710.	6.7	23
86	Lung Ultrasound Findings in Congenital Pulmonary Airway Malformation. <i>American Journal of Perinatology</i> , 2018, 35, 1222-1227.	1.4	22
87	Continuous positive airway pressure (CPAP) vs noninvasive positive pressure ventilation (NIPPV) vs noninvasive high frequency oscillation ventilation (NHFOV) as post-extubation support in preterm neonates: protocol for an assessor-blinded, multicenter, randomized controlled trial. <i>BMC Pediatrics</i> , 2019, 19, 256.	1.7	22
88	Nasal High-Frequency Ventilation. <i>Clinics in Perinatology</i> , 2021, 48, 761-782.	2.1	22
89	Secretory phospholipase A2 pathway in various types of lung injury in neonates and infants: a multicentre translational study. <i>BMC Pediatrics</i> , 2011, 11, 101.	1.7	21
90	Outcomes of Preterm Neonates Transferred Between Tertiary Perinatal Centers. <i>Pediatric Critical Care Medicine</i> , 2015, 16, 733-738.	0.5	21

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91	Outcome of Neonates with Vein of Galen Malformation Presenting with Severe Heart Failure: A Case Series. <i>American Journal of Perinatology</i> , 2019, 36, 169-175.	1.4	21
92	Blood loss and short-term outcome of infants undergoing brain tumour removal. <i>Journal of Neuro-Oncology</i> , 2008, 90, 191-200.	2.9	20
93	Neurogenic stunned myocardium presenting as left ventricular hypertrabeculation in childhood: A variant of Takotsubo cardiomyopathy?. <i>Pediatric Critical Care Medicine</i> , 2011, 12, e420-e423.	0.5	20
94	Hypothermia and Meconium Aspiration Syndrome: International Multicenter Retrospective Cohort Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016, 194, 381-384.	5.6	20
95	Clinical Data Are Essential to Validate Lung Ultrasound. <i>Chest</i> , 2016, 149, 1575.	0.8	20
96	Quantitative Lung Ultrasound. <i>Chest</i> , 2020, 158, 469-470.	0.8	20
97	The EPICENTRE (ESPNIC Covid pEdiatric Neonatal Registry) initiative: background and protocol for the international SARS-CoV-2 infections registry. <i>European Journal of Pediatrics</i> , 2020, 179, 1271-1278.	2.7	20
98	Delivery room strategies and outcomes in preterm infants with gestational age 24â€“28 weeks. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2006, 19, 569-574.	1.5	18
99	Estimation of early life endogenous surfactant pool and CPAP failure in preterm neonates with RDS. <i>Respiratory Research</i> , 2019, 20, 75.	3.6	18
100	LISA/MIST: Complex clinical problems almost never have easy solutions. <i>Seminars in Fetal and Neonatal Medicine</i> , 2021, 26, 101230.	2.3	18
101	The joint use of human and electronic eye: visual assessment of jaundice and transcutaneous bilirubinometry. <i>Turkish Journal of Pediatrics</i> , 2008, 50, 456-61.	0.6	18
102	Life-threatening PPHN refractory to nitric oxide: proposal for a rational therapeutic algorithm. <i>European Journal of Pediatrics</i> , 2021, 180, 2379-2387.	2.7	17
103	â€œPlaying it SAFE in the NICUâ€•SAFE-R: a targeted diagnostic ultrasound protocol for the suddenly decompensating infant in the NICU. <i>European Journal of Pediatrics</i> , 2022, 181, 393-398.	2.7	17
104	Extracorporeal membrane oxygenation in children receiving haematopoietic cell transplantation and immune effector cell therapy: an international and multidisciplinary consensus statement. <i>The Lancet Child and Adolescent Health</i> , 2022, 6, 116-128.	5.6	17
105	Factors associated with SARS-CoV-2 transplacental transmission. <i>American Journal of Obstetrics and Gynecology</i> , 2022, 227, 541-543.e11.	1.3	17
106	Perspective changing in WalCT and VR-WalCT: A gender difference study [WalCT â€“ VR-WalCT: Gender differences]. <i>Computers in Human Behavior</i> , 2015, 53, 316-323.	8.5	16
107	â€œLumping or splittingâ€™ in paediatric acute respiratory distress syndrome (PARDS). <i>Intensive Care Medicine</i> , 2018, 44, 1548-1550.	8.2	16
108	Semiquantitative lung ultrasound scores are accurate and useful in critical care, irrespective of patientsâ€™ ages: The power of data over opinions. <i>Journal of Ultrasound in Medicine</i> , 2020, 39, 1235-1239.	1.7	16

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109	Early Noninvasive Neurally Adjusted Ventilatory Assist Versus Noninvasive Flow-Triggered Pressure Support Ventilation in Pediatric Acute Respiratory Failure: A Physiologic Randomized Controlled Trial*. <i>Pediatric Critical Care Medicine</i> , 2016, 17, e487-e495.	0.5	15
110	The Role of Lung Ultrasound in Viral Lower Respiratory Tract Infections. <i>American Journal of Perinatology</i> , 2018, 35, 527-529.	1.4	15
111	Mechanics of nasal mask-delivered HFOV in neonates: A physiologic study. <i>Pediatric Pulmonology</i> , 2019, 54, 1304-1310.	2.0	15
112	Semiquantitative Ultrasound Assessment of Lung Aeration Correlates With Lung Tissue Inflammation. <i>Ultrasound in Medicine and Biology</i> , 2020, 46, 1258-1262.	1.5	15
113	Respiratory distress syndrome in preterm neonates in the era of precision medicine: A modern critical care-based approach. <i>Pediatrics and Neonatology</i> , 2021, 62, S3-S9.	0.9	14
114	Severe subdural hemorrhage due to minimal prenatal trauma. <i>Journal of Neurosurgery: Pediatrics</i> , 2009, 4, 543-546.	1.3	13
115	Porcine versus bovine surfactant therapy for RDS in preterm neonates: pragmatic meta-analysis and review of physiopathological plausibility of the effects on extra-pulmonary outcomes. <i>Respiratory Research</i> , 2020, 21, 8.	3.6	13
116	Please stop the Russian-Ukrainian war “ children will be more than grateful. <i>European Journal of Pediatrics</i> , 2022, 181, 2183-2185.	2.7	13
117	Rescue hypothermia for refractory hypercapnia. <i>European Journal of Pediatrics</i> , 2012, 171, 1855-1857.	2.7	12
118	Lung ultrasound features and relationships with respiratory mechanics of evolving BPD in preterm rabbits and human neonates. <i>Journal of Applied Physiology</i> , 2021, 131, 895-904.	2.5	12
119	Tracheal agenesis without esophageal fistula: genetic, resuscitative, and pathological issues. <i>Journal of Pediatric Surgery</i> , 2008, 43, e29-e32.	1.6	11
120	Description of an Automated Method for Urea Nitrogen Determination in Bronchoalveolar Lavage Fluid (BALF) of Neonates and Infants. <i>Journal of the Association for Laboratory Automation</i> , 2015, 20, 636-641.	2.8	11
121	Life-Threatening Extreme Methemoglobinemia during Standard Dose Nitric Oxide Therapy. <i>Neonatology</i> , 2019, 116, 295-298.	2.0	11
122	Surfactant-secreted phospholipase A2interplay and respiratory outcome in preterm neonates. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020, 319, L95-L104.	2.9	11
123	Promoting Breastfeeding and Interaction of Pediatric Associations With Providers of Nutritional Products. <i>Frontiers in Pediatrics</i> , 2020, 8, 562870.	1.9	11
124	Enhanced INSURE (ENSURE): an updated and standardised reference for surfactant administration. <i>European Journal of Pediatrics</i> , 2022, 181, 1269-1275.	2.7	11
125	Ex Vivo Effect of Varespladib on Secretory Phospholipase A2 Alveolar Activity in Infants with ARDS. <i>PLoS ONE</i> , 2012, 7, e47066.	2.5	10
126	Appropriateness of surfactant dosing for preterm babies with respiratory distress syndrome: retrospective cohort study. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2016, 101, F182-F183.	2.8	10

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127	Effect of cooling on lung secretory phospholipase A2 activity in vitro, ex vivo, and in vivo. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2019, 316, L498-L505.	2.9	10
128	Effect of Whole Body Hypothermia on Surfactant Function When Amniotic Fluid Is Meconium Stained. Therapeutic Hypothermia and Temperature Management, 2020, 10, 186-189.	0.9	10
129	Lung ultrasound-guided surfactant administration: time for a personalized, physiology-driven therapy. European Journal of Pediatrics, 2020, 179, 1909-1911.	2.7	10
130	Pharmaceutical Expenditure Is Unchanged with Ultrasound-Guided Surfactant Administration. American Journal of Perinatology, 2022, 39, 562-566.	1.4	10
131	Cryopreservation of ovarian tissue in pediatrics: what is the child's best interest?. Journal of Maternal-Fetal and Neonatal Medicine, 2012, 25, 2145-2148.	1.5	9
132	Lung ultrasound and neonatal ARDS: is Montreux closer to Berlin than to Kigali? "Authors' reply. Lancet Respiratory Medicine, the, 2017, 5, e32.	10.7	9
133	Patched Skin Bilirubin Assay to Monitor Neonates Born Extremely Preterm Undergoing Phototherapy. Journal of Pediatrics, 2017, 188, 122-127.	1.8	9
134	Carelessness About Surfactant Dose "A Cultural Problem, a Legal Issue, or an Open Research Question?. JAMA Pediatrics, 2019, 173, 211.	6.2	9
135	Personalising care of acute respiratory distress syndrome according to patients' age. Lancet Respiratory Medicine, the, 2019, 7, 100-101.	10.7	9
136	New Imaging Tools Allow Bronchopulmonary Dysplasia to Enter the Age of Precision Medicine. American Journal of Respiratory and Critical Care Medicine, 2020, 202, 924-926.	5.6	9
137	The Public Health and Clinical Importance of Accurate Neonatal Testing for COVID-19. Pediatrics, 2021, 147, .	2.1	9
138	Strategies to protect surfactant and enhance its activity. Biomedical Journal, 2021, , .	3.1	9
139	Pulmonary Surfactant: A Unique Biomaterial with Life-saving Therapeutic Applications. Current Medicinal Chemistry, 2022, 29, 526-590.	2.4	9
140	Intrahepatic Cholestasis of Pregnancy and Bile Acids Induced Lung Injury in Newborn Infants. Current Pediatric Reviews, 2007, 3, 167-176.	0.8	8
141	Insulin-like growth factor I (CA) repeats are associated with higher melanoma's Breslow index but not associated with the presence of the melanoma. A pilot study. Clinica Chimica Acta, 2008, 390, 104-109.	1.1	8
142	Effect of prenatal steroidal inhibition of sPLA2 in a rat model of preterm lung. Pulmonary Pharmacology and Therapeutics, 2016, 36, 31-36.	2.6	8
143	Noninvasive high-frequency ventilation and the errors from the past: designing simple trials neglecting complex respiratory physiology. Journal of Perinatology, 2017, 37, 1065-1066.	2.0	8
144	In silico investigation of the molecular effects caused by R123H variant in secretory phospholipase A2-IIA associated with ARDS. Journal of Molecular Graphics and Modelling, 2018, 81, 68-76.	2.4	8

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145	No-glucose strategy influences posterior cranial fossa tumors' postoperative course: introducing the Glycemic Stress Index. <i>Journal of Neuro-Oncology</i> , 2009, 93, 361-8.	2.9	7
146	A prolonged neonatal jaundice associated with a rare G6PD mutation. <i>Pediatric Blood and Cancer</i> , 2009, 53, 475-478.	1.5	7
147	NICE guidelines on neonatal jaundice: at risk of being too nice. <i>Lancet, The</i> , 2010, 376, 771.	13.7	7
148	Technical problems with dynamic compliance evaluation in neonates and infants. <i>Intensive Care Medicine</i> , 2012, 38, 1082-1083.	8.2	7
149	The European Database for Subspecialist Training in Neonatology â€“ Transparency Achieved. <i>Neonatology</i> , 2013, 103, 74-82.	2.0	7
150	Neonatal ventilation trials need specific funding. <i>Lancet Respiratory Medicine</i> , the, 2014, 2, 867-869.	10.7	7
151	Relationship between transcutaneous bilirubin and circulating unbound bilirubin in jaundiced neonates. <i>Early Human Development</i> , 2016, 103, 235-239.	1.8	7
152	Basic Hemodynamic Monitoring Using Ultrasound or Electrical Cardiometry During Transportation of Neonates and Infants*. <i>Pediatric Critical Care Medicine</i> , 2017, 18, e488-e493.	0.5	7
153	Usefulness of rh-G-CSF in Early-Onset Severe Neutropenia in Neonatal Lupus Syndrome. <i>Journal of Pediatric Hematology/Oncology</i> , 2004, 26, 609-611.	0.6	6
154	Noninvasive ventilation in large postoperative flail chest. <i>Pediatric Blood and Cancer</i> , 2008, 51, 831-833.	1.5	6
155	Successful resuscitation of unexpected neonatal hemorrhagic shock due to massive fetoâ€“maternal hemorrhage. <i>Paediatric Anaesthesia</i> , 2008, 18, 1004-1006.	1.1	6
156	Severe Hyperbilirubinemia in a Glucose-6-Phosphate Dehydrogenase-Deficient Preterm Neonate: Could Prematurity Be the Main Responsible Factor?. <i>Fetal Diagnosis and Therapy</i> , 2008, 24, 440-443.	1.4	6
157	Clinical Outcomes and Prognostic Factors for Spontaneous Intracerebral Hemorrhage in Pediatric ICU: A 12-Year Experience. <i>Journal of Intensive Care Medicine</i> , 2019, 34, 1003-1009.	2.8	6
158	Neonatal lung ultrasound: From paradox to diagnosis â€“ and beyond. <i>Early Human Development</i> , 2020, 150, 105184.	1.8	6
159	COVID-19 surveillance for all newborns at the NICU; conditio sine qua non?. <i>European Journal of Pediatrics</i> , 2020, 179, 1945-1947.	2.7	6
160	Less invasive surfactant administration: all that glitters is not gold. <i>European Journal of Pediatrics</i> , 2020, 179, 1295-1296.	2.7	6
161	Bile acid-induced lung injury: update of reverse translational biology. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2022, 323, L93-L106.	2.9	6
162	Heterologous assisted reproduction and kernicterus: The unlucky coincidence reveals an ethical dilemma. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2008, 21, 219-222.	1.5	5

#	ARTICLE	IF	CITATIONS
163	Acute haemolytic crisis due to concomitant presence of infection and possible altered acetaminophen catabolism in a Philipino child carrying the <i>G6PD-Vanua Lava</i> mutation. <i>Annals of Clinical Biochemistry</i> , 2011, 48, 282-285.	1.6	5
164	International collaborative research for pediatric and neonatal lung injury: the example of an ESPNIC initiative to validate definitions and formulate future research questions. <i>Jornal De Pediatria</i> , 2014, 90, 209-211.	2.0	5
165	Coâ€inheritance of G6PD and PK deficiencies in a neonate carrying a <i>Novel UGT1A1</i> genotype associated to Criglerâ€Najjar type II syndrome. <i>Pediatric Blood and Cancer</i> , 2015, 62, 1680-1681.	1.5	5
166	Whatâ€™s new in lung ultrasound in the critically ill or injured child. <i>Intensive Care Medicine</i> , 2019, 45, 508-511.	8.2	5
167	Accuracy of volume and pressure delivery by mechanical ventilators in use in neonatal intensive care units: A quality control study. <i>Pediatric Pulmonology</i> , 2020, 55, 1955-1962.	2.0	5
168	Lung transplantation in neonates and infants: ESPNIC survey of European neonatologists and pediatric intensivists. <i>European Journal of Pediatrics</i> , 2021, 180, 295-298.	2.7	5
169	Small for Gestational Age Preterm Neonates Exhibit Defective GH/IGF1 Signaling Pathway. <i>Frontiers in Pediatrics</i> , 2021, 9, 711400.	1.9	5
170	Feasibility of Lung Ultrasound to Monitor Aeration in Children Supported With Extracorporeal Membrane Oxygenation for Severe Acute Respiratory Distress Syndrome. <i>ASAIO Journal</i> , 2021, 67, e104-e106.	1.6	5
171	Lung Ultrasound in the Neonatal Intensive Care Unit: Does It Impact Clinical Care?. <i>Children</i> , 2021, 8, 1098.	1.5	5
172	Airway management with Fastrach laryngeal mask versus Spritztube: a prospective randomized manikin-based study. <i>Minerva Anestesiologica</i> , 2018, 84, 455-462.	1.0	4
173	Weaning of Children With Burn Injury by Noninvasive Ventilation: A Clinical Experience. <i>Journal of Burn Care and Research</i> , 2019, 40, 689-695.	0.4	4
174	Current Clinical Practice in Point-of-Care Ultrasound Use in the PICUs Across Europe. <i>Pediatric Critical Care Medicine</i> , 2020, 21, e716-e722.	0.5	4
175	Secretory phospholipase A2 expression and activity in preterm clinical chorioamnionitis with fetal involvement. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2022, 323, L121-L128.	2.9	4
176	Resources allocation for neonatal critical care: the ethical debate in neonatology. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2007, 96, 648-649.	1.5	3
177	Absence of arrhythmias in the extremely preterm heart with severe hyperkalaemia. <i>Resuscitation</i> , 2009, 80, 961.	3.0	3
178	Monitorages physiopathologiques en r�animation n�onatale. <i>Journal De Pediatrie Et De Puericulture</i> , 2015, 28, 276-300.	0.0	3
179	Validation of the Glycemic Stress Index in Pediatric Neurosurgical Intensive Care. <i>Neurocritical Care</i> , 2017, 26, 388-392.	2.4	3
180	Helmet�Delivered Respiratory Support in Neonate with Severe Facial Malformation. <i>Journal of Paediatrics and Child Health</i> , 2017, 53, 825-825.	0.8	3

#	ARTICLE	IF	CITATIONS
181	Feasibility of whole body hypothermia for neonates without congenital heart defects surviving in-hospital cardiac arrest unrelated to perinatal asphyxia. <i>Resuscitation</i> , 2017, 119, e5-e7.	3.0	3
182	Intrahepatic cholestasis of pregnancy: Shorter duration of labor?. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2018, 225, 258-259.	1.1	3
183	Delayed Versus Immediate Cord Clamping in Preterm Infants. <i>Obstetrical and Gynecological Survey</i> , 2018, 73, 265-266.	0.4	3
184	Parental presence during pediatric retrieval: the caregiver's perspective. <i>European Journal of Pediatrics</i> , 2021, 180, 1637-1640.	2.7	3
185	The Promise of Lung Ultrasound to Monitor Evolution of Chronic Respiratory Morbidity in Preterm Infants. <i>Chest</i> , 2021, 160, 799-800.	0.8	3
186	The European Society of Paediatric Radiology's position statement on point-of-care ultrasound. <i>Pediatric Radiology</i> , 2022, , .	2.0	3
187	Surfactant and Varespladib Co-Administration in Stimulated Rat Alveolar Macrophages Culture. <i>Current Pharmaceutical Biotechnology</i> , 2013, 14, 445-448.	1.6	3
188	Adenosine reverses life-threatening persistent pulmonary hypertension of the neonate refractory to triple vasodilator therapy. <i>Cardiology in the Young</i> , 2021, , 1-2.	0.8	3
189	Semi-quantitative lung ultrasound score during ground transportation of outborn neonates with respiratory failure. <i>European Journal of Pediatrics</i> , 2022, 181, 3085-3092.	2.7	3
190	Kinetics of oxygenation improvement and the timing of HFOV institution. <i>Pediatric Pulmonology</i> , 2011, 46, 1251-1252.	2.0	2
191	Improving clinical research on continuous positive airway pressure. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2014, 103, 2-3.	1.5	2
192	Reply to Giesinger and McNamara: The Impact of Therapeutic Hypothermia on Pulmonary Hemodynamics of Meconium Aspiration Syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 198, 287-288.	5.6	2
193	Use of neurally adjusted ventilator assist in postsurgical hemidiaphragmatic paralysis. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2018, 103, F86-F87.	2.8	2
194	Neonatal ventilator-associated pneumonia: more questions than answers. <i>Minerva Anestesiologica</i> , 2018, 84, 777-779.	1.0	2
195	Venoarterial Extracorporeal Membrane Oxygenation in Septic Shock – Urgent Time for Defining Indication!. <i>Pediatric Critical Care Medicine</i> , 2019, 20, 594.	0.5	2
196	Extrapulmonary Surfactant Therapy: Review of Available Data and Research/Development Issues. <i>Journal of Clinical Pharmacology</i> , 2020, 60, 1561-1572.	2.0	2
197	Ultrasound-guided lung lavage for life-threatening bronchial obstruction due to meconium plug. <i>Journal of Clinical Ultrasound</i> , 2021, 49, 405-407.	0.8	2
198	Extremely preterm infants experienced good comfort with various nasal respiratory support techniques delivered with masks. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2021, 110, 2753-2755.	1.5	2

#	ARTICLE	IF	CITATIONS
199	Effect of the measurement of the work of breathing on the respiratory outcome of preterms. Journal of Maternal-Fetal and Neonatal Medicine, 2022, 35, 7126-7131.	1.5	2
200	Effect of inspired gas temperature on lung mechanics and gas exchange in neonates in normothermia or therapeutic hypothermia. Resuscitation, 2021, 163, 116-123.	3.0	2
201	The International Week of Surfactant Research: Increasing knowledge about surfactant and unexploited opportunities. Biomedical Journal, 2021, 44, 651-653.	3.1	2
202	INCIDENTAL DIAGNOSIS AND TEMPESTIVE THERAPY IN A CASE OF NEONATAL ALLOIMMUNE THROMBOCYTOPENIA DUE TO ANTI-HPA-5b. Pediatric Hematology and Oncology, 2002, 19, 587-591.	0.8	1
203	Congenital rubella syndrome: seeking damages to be born. Ethical, medical and public health considerations. Journal of Maternal-Fetal and Neonatal Medicine, 2011, 24, 1417-1420.	1.5	1
204	Reply to Chatburn and colleagues letter. Journal of Critical Care, 2014, 29, 665.	2.2	1
205	Noninvasive Ventilation Interfaces and Equipment in Neonatology. , 2016, , 393-400.		1
206	Healthier without healthcare? The paradox of the common cold. Respiratory Research, 2018, 19, 260.	3.6	1
207	Surfactant Replacement in Preterm Neonates and Lung Ultrasound Score in Daily Life of Neonatal ICUs. Chest, 2021, 160, 1995-1997.	0.8	1
208	Response to: Life-threatening PPHN refractory to NO: therapeutic algorithm. European Journal of Pediatrics, 2022, 181, 425-426.	2.7	1
209	Tension Chylothorax Complicating Acute Malignant Airway Obstruction. Pediatric Emergency Care, 2011, 27, 406-408.	0.9	0
210	Feasibility of extracellular competitive inhibition of phospholipase A2 in neonatal and pediatric lung injury. Paediatric Anaesthesia, 2011, 21, 463-465.	1.1	0
211	Answer to the letter of Esquinas and Carlo. Pediatric Pulmonology, 2013, 48, 1252-1253.	2.0	0
212	Abducens palsy as a clue of unexpected contralateral cerebral sinovenous thrombosis. Acta Paediatrica, International Journal of Paediatrics, 2013, 102, e344-5.	1.5	0
213	Surfactant Inadvertent Loss Using Feeding Catheters or Endotracheal Tubes. American Journal of Perinatology, 2014, 31, e2-e2.	1.4	0
214	The authors reply. Pediatric Critical Care Medicine, 2015, 16, 898-899.	0.5	0
215	Echocardiography in mobile pediatric intensive care unit. Archives of Cardiovascular Diseases Supplements, 2016, 8, 4-5.	0.0	0
216	Intrahepatic cholestasis: suggested future investigations. Lancet, The, 2019, 394, e17.	13.7	0

#	ARTICLE	IF	CITATIONS
217	Less-invasive surfactant administration in sub-Saharan Africa â€“ Authors' reply. The Lancet Child and Adolescent Health, 2020, 4, e14.	5.6	0
218	Noninvasive Ventilation in a Pediatric Trauma Center: A Cohort Study. Journal of Intensive Care Medicine, 2021, , 088506662098374.	2.8	0
219	Neonatal Life-Threatening Nonoliguric Hyperkalemia Under Therapeutic Hypothermia. Therapeutic Hypothermia and Temperature Management, 2021, 11, 238-241.	0.9	0
220	Post lockdown COVID-19 seroprevalence and circulation at the time of delivery, France. , 2020, 15, e0240782.		0
221	Post lockdown COVID-19 seroprevalence and circulation at the time of delivery, France. , 2020, 15, e0240782.		0
222	Post lockdown COVID-19 seroprevalence and circulation at the time of delivery, France. , 2020, 15, e0240782.		0
223	Post lockdown COVID-19 seroprevalence and circulation at the time of delivery, France. , 2020, 15, e0240782.		0
224	Pneumoperitoneum point-of-care ultrasound findings. Pediatrics and Neonatology, 2022, 63, 645-646.	0.9	0