

Chiara Veneroni

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

319
citations

1162889

8
h-index

887953

17
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31
all docs

31
docs citations

31
times ranked

374
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-reported exercise-induced dyspnea and airways obstruction assessed by oscillometry and spirometry in adolescents. <i>Pediatric Allergy and Immunology</i> , 2022, 33, e13702.	1.1	3
2	An Implantable Electronic Device for Monitoring Fetal Lung Pressure in a Lamb Model of Congenital Diaphragmatic Hernia. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2022, 71, 1-10.	2.4	3
3	Contactless Monitoring of Breathing Pattern and Thoracoabdominal Asynchronies in Preterm Infants Using Depth Cameras: A Feasibility Study. <i>IEEE Journal of Translational Engineering in Health and Medicine</i> , 2022, 10, 1-8.	2.2	5
4	Monitoring respiratory mechanics by oscillometry in COVID-19 patients receiving non-invasive respiratory support. <i>PLoS ONE</i> , 2022, 17, e0265202.	1.1	4
5	Bacterial-viral filters to limit the spread of aerosolized respiratory pathogens during neonatal respiratory support in a pandemic era. <i>Pediatric Research</i> , 2021, 89, 1322-1325.	1.1	3
6	Closing volume detection by single-breath gas washout and forced oscillation technique. <i>Journal of Applied Physiology</i> , 2021, 130, 903-913.	1.2	4
7	Early extubation to noninvasive respiratory support of former preterm lambs improves long-term respiratory outcomes. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021, 321, L248-L262.	1.3	1
8	Artificial intelligence for quality control of oscillometry measures. <i>Computers in Biology and Medicine</i> , 2021, 138, 104871.	3.9	3
9	Oscillatory mechanics at birth for identifying infants requiring surfactant: a prospective, observational trial. <i>Respiratory Research</i> , 2021, 22, 314.	1.4	10
10	Respiratory mechanics during initial lung aeration at birth in the preterm lamb. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020, 318, L525-L532.	1.3	10
11	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.	1.0	5
12	Forced oscillation technique for optimising PEEP in ventilated extremely preterm infants. <i>European Respiratory Journal</i> , 2020, 55, 1901650.	3.1	12
13	Changes in respiratory mechanics at birth in preterm infants: A pilot study. <i>Pediatric Pulmonology</i> , 2020, 55, 1640-1645.	1.0	8
14	Oscillatory respiratory mechanics on the first day of life improves prediction of respiratory outcomes in extremely preterm newborns. <i>Pediatric Research</i> , 2019, 85, 312-317.	1.1	24
15	Non-invasive measurements of respiratory system mechanical properties by the forced oscillation technique in spontaneously breathing, mixed-breed, normal term lambs from birth to five months of age. <i>Physiological Measurement</i> , 2019, 40, 105007.	1.2	5
16	Regional distribution of chest wall displacements in infants during high-frequency ventilation. <i>Journal of Applied Physiology</i> , 2019, 126, 928-933.	1.2	2
17	Respiratory reactance (Xrs) by Forced Oscillation Technique (FOT) during the first 24h of life in non-intubated preterm infants. , 2019, , .		1
18	Effect of continuous positive airway pressure on breathing variability in early preterm lung disease. <i>Pediatric Pulmonology</i> , 2018, 53, 755-761.	1.0	7

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19	Role of Lung Function Monitoring by the Forced Oscillation Technique for Tailoring Ventilation and Weaning in Neonatal ECMO: New Insights From a Case Report. <i>Frontiers in Pediatrics</i> , 2018, 6, 332.	0.9	10
20	Accuracy of oscillatory pressure measured by mechanical ventilators during high frequency oscillatory ventilation in newborns. <i>Pediatric Pulmonology</i> , 2018, 53, 901-906.	1.0	5
21	Lung mechanics, airway reactivity, and muscularization are altered in former mechanically ventilated preterm lambs. , 2018, , .		1
22	Effects of sustained lung inflation (SLI) at birth on lung aeration during non-invasive resuscitation of preterm lambs. , 2018, , .		1
23	Trends in mechanical ventilation: are we ventilating our patients in the best possible way?. <i>Breathe</i> , 2017, 13, 84-98.	0.6	49
24	Postnatal steroids in preterm lambs: long term impact on lung mechanics and respiratory control. , 2017, , .		0
25	Accuracy of flow and pressure parameters delivered by mechanical ventilators in use in neonatal intensive care unit (NICU): a quality control study. , 2017, , .		0
26	Changes in respiratory oscillatory mechanics of spontaneously breathing preterm infants receiving CPAP over the first day of life. , 2017, , .		0
27	Notice of Duplicate Publication: Heated, Humidified High-Flow Nasal Cannula vs Nasal Continuous Positive Airway Pressure for Respiratory Distress Syndrome of Prematurity: A Randomized Clinical Noninferiority Trial (<i>JAMA Pediatr.</i> doi: 10.1001/jamapediatrics.2016.1243). <i>JAMA Pediatrics</i> , 2016, 170, 1228.	3.3	14
28	Heated, Humidified High-Flow Nasal Cannula vs Nasal Continuous Positive Airway Pressure for Respiratory Distress Syndrome of Prematurity. <i>JAMA Pediatrics</i> , 2016, , .	3.3	55
29	SBW and FOT in healthy and asthmatics pre and post bronchial challenge. , 2016, , .		0
30	Respiratory mechanics during NCPAP and HHHFNC at equal distending pressures. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2014, 99, F315-F320.	1.4	73
31	A new FOT set-up for the assessment of respiratory system mechanics in mechanically ventilated infants. , 2010, , .		1