

# Merja Luukkonen

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

697  
citations

686830

13  
h-index

580395

25  
g-index

28  
all docs

28  
docs citations

28  
times ranked

906  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hyaluronan Enters Keratinocytes by a Novel Endocytic Route for Catabolism. <i>Journal of Biological Chemistry</i> , 2001, 276, 35111-35122.	1.6	217
2	Comparison of pressure, flow, and NAVA-triggering in pediatric and neonatal ventilatory care. <i>Pediatric Pulmonology</i> , 2012, 47, 76-83.	1.0	78
3	Changed lamellipodial extension, adhesion plaques and migration in epidermal keratinocytes containing constitutively expressed sense and antisense hyaluronan synthase 2 (Has2) genes. <i>Journal of Cell Science</i> , 2002, 115, 3633-3643.	1.2	57
4	Neurally adjusted ventilatory assist (NAVA) in preterm newborn infants with respiratory distress syndrome—a randomized controlled trial. <i>European Journal of Pediatrics</i> , 2016, 175, 1175-1183.	1.3	50
5	Neurally adjusted ventilatory assist (NAVA) in pediatric intensive care—A randomized controlled trial. <i>Pediatric Pulmonology</i> , 2015, 50, 55-62.	1.0	45
6	Non-invasive ventilation practices in children across Europe. <i>Pediatric Pulmonology</i> , 2018, 53, 1107-1114.	1.0	34
7	Risk of Electrolyte Disorders in Acutely Ill Children Receiving Commercially Available Plasmalike Isotonic Fluids. <i>JAMA Pediatrics</i> , 2021, 175, 28.	3.3	26
8	Long-term results of the Ross procedure in a population-based follow-up. <i>European Journal of Cardio-thoracic Surgery</i> , 2015, 47, e164-e170.	0.6	25
9	Systematic review and meta-analysis found that intranasal dexmedetomidine was a safe and effective sedative drug during paediatric procedural sedation. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2020, 109, 2008-2016.	0.7	24
10	NIV NAVA versus Nasal CPAP in Premature Infants: A Randomized Clinical Trial. <i>Neonatology</i> , 2019, 116, 380-384.	0.9	21
11	Reference Values for Echocardiography in Middle-Aged Population: The Cardiovascular Risk in Young Finns Study. <i>Echocardiography</i> , 2016, 33, 193-206.	0.3	17
12	Intravenous magnesium sulfate for acute wheezing in young children: a randomised double-blind trial. <i>European Respiratory Journal</i> , 2018, 51, 1701579.	3.1	15
13	Early Recognition of Pneumothorax in Neonatal Respiratory Distress Syndrome with Electrical Impedance Tomography. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 200, 1060-1061.	2.5	14
14	Electrical activity of the diaphragm during neurally adjusted ventilatory assist in pediatric patients. <i>Pediatric Pulmonology</i> , 2015, 50, 925-931.	1.0	13
15	Initial Observations on the Effect of Repeated Surfactant Dose on Lung Volume and Ventilation in Neonatal Respiratory Distress Syndrome. <i>Neonatology</i> , 2019, 116, 385-389.	0.9	9
16	Electrical impedance tomography reveals pathophysiology of neonatal pneumothorax during NAVA. <i>Clinical Case Reports (discontinued)</i> , 2020, 8, 1574-1578.	0.2	9
17	Prolonged Continuous Monitoring of Regional Lung Function in Infants with Respiratory Failure. <i>Annals of the American Thoracic Society</i> , 2022, 19, 991-999.	1.5	9
18	Influence of early-life body mass index and systolic blood pressure on left ventricle in adulthood—the Cardiovascular Risk in Young Finns Study. <i>Annals of Medicine</i> , 2021, 53, 160-168.	1.5	8

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19	Congenital aortic stenosis: treatment outcomes in a nationwide survey. <i>Scandinavian Cardiovascular Journal</i> , 2017, 51, 277-283.	0.4	6
20	Model Selection Based Algorithm in Neonatal Chest EIT. <i>IEEE Transactions on Biomedical Engineering</i> , 2021, 68, 2752-2763.	2.5	6
21	Thoracic shape changes in newborns due to their position. <i>Scientific Reports</i> , 2021, 11, 4446.	1.6	5
22	Severe hospital-acquired hyponatremia in acutely ill children receiving moderately hypotonic fluids. <i>Pediatric Nephrology</i> , 2022, 37, 443-448.	0.9	4
23	Generation of Anatomically Inspired Human Airway Tree Using Electrical Impedance Tomography: A Method to Estimate Regional Lung Filling Characteristics. <i>IEEE Transactions on Medical Imaging</i> , 2022, 41, 1125-1137.	5.4	3
24	Aortic sinus diameter in middle age is associated with body size in young adulthood. <i>Heart</i> , 2018, 104, 773-778.	1.2	1
25	Cross-sectional chest circumference and shape development in infants. <i>BMC Research Notes</i> , 2022, 15, .	0.6	1
26	National survey revealed variable practices in paediatric procedural sedation and patient monitoring. <i>Acta Anaesthesiologica Scandinavica</i> , 2021, 65, 747-754.	0.7	0