Joar EilevstjÃ¸nn

List of Publications by Year
in descending order

46 papers	1,168 citations	394421 19 h-index	377865 34 g-index
47 all docs	47 docs citations	47 times ranked	1007 citing authors

#	Article	IF	Citations
1	Delivery Room ST Segment Analysis to Predict Short Term Outcomes in Near-Term and Term Newborns. Children, 2022, 9, 54.	1.5	0
2	Changes in heart rate from 5 s to 5 min after birth in vaginally delivered term newborns with delayed cord clamping. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2021, 106, 311-315.	2.8	19
3	Heart rate detection properties of dry-electrode ECG compared to conventional 3-lead gel-electrode ECG in newborns. BMC Research Notes, 2021, 14, 166.	1.4	21
4	Expired carbon dioxide during newborn resuscitation as predictor of outcome. Resuscitation, 2021, 166, 121-128.	3.0	4
5	Comparison of Heart Rate Feedback from Dry-Electrode ECG, 3-Lead ECG, and Pulse Oximetry during Newborn Resuscitation. Children, 2021, 8, 1092.	1.5	15
6	Positive End-Expiratory Pressure in Newborn Resuscitation Around Term: A Randomized Controlled Trial. Pediatrics, 2020, 146, .	2.1	15
7	Video Analysis of Newborn Resuscitations After Simulation-Based Helping Babies Breathe Training. Clinical Simulation in Nursing, 2020, 44, 68-78.	3.0	9
8	Delivery of Positive End-Expiratory Pressure Using Self-Inflating Bags during Newborn Resuscitation Is Possible Despite Mask Leak. Neonatology, 2020, 117, 341-348.	2.0	8
9	Distribution of heart rate and responses to resuscitation among 1237 apnoeic newborns at birth. Resuscitation, 2020, 152, 69-76.	3.0	14
10	Increased perinatal survival and improved ventilation skills over a five-year period: An observational study. PLoS ONE, 2020, 15, e0240520.	2.5	8
11	Innovations in Cardiorespiratory Monitoring to Improve Resuscitation With Helping Babies Breathe. Pediatrics, 2020, 146, S155-S164.	2.1	10
12	Title is missing!. , 2020, 15, e0240520.		0
13	Title is missing!. , 2020, 15, e0240520.		0
14	Title is missing!. , 2020, 15, e0240520.		0
15	Title is missing!. , 2020, 15, e0240520.		0
16	Title is missing!. , 2020, 15, e0240520.		0
17	Title is missing!. , 2020, 15, e0240520.		0
18	Fresh stillborn and severely asphyxiated neonates share a common hypoxicâ€“ischemic pathway. International Journal of Gynecology and Obstetrics, 2018, 141, 171-180.	2.3	29

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19	Born not breathing: A randomised trial comparing two self-inflating bag-masks during newborn resuscitation in Tanzania. Resuscitation, 2017, 116, 66-72.	3.0	25
20	Neonatal ventilation with a manikin model and two novel PEEP valves without an external gas source. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2017, 102, F208-F213.	2.8	4
21	Feasibility of a prototype newborn resuscitation monitor to study transition at birth, measuring heart rate and ventilator parameters, an animal experimental study. BMC Research Notes, 2017, 10, 235.	1.4	16
22	Normal Newborn Heart Rate in the First Five Minutes of Life Assessed by Dry-Electrode Electrocardiography. Neonatology, 2016, 110, 231-237.	2.0	49
23	Simultaneous beat-to-beat assessment of arterial blood pressure and quality of cardiopulmonary resuscitation in out-of-hospital and in-hospital settings. Resuscitation, 2015, 96, 163-169.	3.0	17
24	Effect of mattress and bed frame deflection on real chest compression depth measured with two CPR sensors. Resuscitation, 2014, 85, 840-843.	3.0	19
25	First quantitative analysis of cardiopulmonary resuscitation quality during in-hospital cardiac arrests of young children. Resuscitation, 2014, 85, 70-74.	3.0	101
26	Bioimpedance-Based Respiration Monitoring With a Defibrillator. IEEE Transactions on Biomedical Engineering, 2014, 61, 1858-1862.	4.2	12
27	American Heart Association cardiopulmonary resuscitation quality targets are associated with improved arterial blood pressure during pediatric cardiac arrest. Resuscitation, 2013, 84, 168-172.	3.0	57
28	Is it likely to survive a cardiac arrest without defibrillation?. Resuscitation, 2012, 83, e59.	3.0	0
29	Comparison of relative and actual chest compression depths during cardiac arrest in children, adolescents, and young adults. Resuscitation, 2012, 83, 320-326.	3.0	16
30	Blood pressure during resuscitation in manâ€”The effect of pause during rhythm analysis revisited. Resuscitation, 2011, 82, 1460-1463.	3.0	15
31	Capnography and chest-wall impedance algorithms for ventilation detection during cardiopulmonary resuscitation. Resuscitation, 2010, 81, 317-322.	3.0	49
32	Does change in thoracic impedance measured via defibrillator electrode pads accurately detect ventilation breaths in children?. Resuscitation, 2010, 81, 1544-1549.	3.0	11
33	Safety and efficacy of defibrillator charging during ongoing chest compressions: A multi-center study. Resuscitation, 2010, 81, 1521-1526.	3.0	70
34	Comparison of mechanical characteristics of the human and porcine chest during cardiopulmonary resuscitation. Resuscitation, 2009, 80, 463-469.	3.0	41
35	Transthoracic impedance changes as a tool to detect malpositioned tracheal tubes. Resuscitation, 2008, 76, 11-16.	3.0	27
36	Using within-patient correlation to improve the accuracy of shock outcome prediction for cardiac arrest. Resuscitation, 2008, 78, 46-51.	3.0	20

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37	Improving countershock success prediction during cardiopulmonary resuscitation using ventricular fibrillation features from higher ECG frequency bands. Resuscitation, 2008, 79, 453-459.	3.0	21
38	Prearrest administration of low-molecular-weight heparin in porcine cardiac arrest: Hemodynamic effects and resuscitability*. Critical Care Medicine, 2008, 36, 881-886.	0.9	39
39	Estimation of the duration of ventricular fibrillation using ECG single feature analysis. Resuscitation, 2007, 73, 246-252.	3.0	7
40	Prediction of countershock success using single features from multiple ventricular fibrillation frequency bands and feature combinations using neural networks. Resuscitation, 2007, 73, 253-263.	3.0	87
41	Shock outcome is related to prior rhythm and duration of ventricular fibrillation. Resuscitation, 2007, 75, 60-67.	3.0	55
42	Haemodynamic effects of adrenaline (epinephrine) depend on chest compression quality during cardiopulmonary resuscitation in pigs. Resuscitation, 2006, 71, 369-378.	3.0	74
43	Reducing no flow times during automated external defibrillation. Resuscitation, 2005, 67, 95-101.	3.0	37
44	Feasibility of shock advice analysis during CPR through removal of CPR artefacts from the human ECG. Resuscitation, 2004, 61, 131-141.	3.0	84
45	Advanced life support therapy on out-of-hospital cardiac arrest patients: an engineering perspective. Expert Review of Cardiovascular Therapy, 2003, 1, 203-213.	1.5	1
46	Removal of cardiopulmonary resuscitation artifacts from human ECG using an efficient matching pursuit-like algorithm. IEEE Transactions on Biomedical Engineering, 2002, 49, 1287-1298.	4.2	62