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List of Publications by Year in descending order

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Version: 2024-02-01

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	First quantitative analysis of cardiopulmonary resuscitation quality during in-hospital cardiac arrests of young children. <i>Resuscitation</i> , 2014, 85, 70-74.	3.0	101
2	Prediction of countershock success using single features from multiple ventricular fibrillation frequency bands and feature combinations using neural networks. <i>Resuscitation</i> , 2007, 73, 253-263.	3.0	87
3	Feasibility of shock advice analysis during CPR through removal of CPR artefacts from the human ECG. <i>Resuscitation</i> , 2004, 61, 131-141.	3.0	84
4	Haemodynamic effects of adrenaline (epinephrine) depend on chest compression quality during cardiopulmonary resuscitation in pigs. <i>Resuscitation</i> , 2006, 71, 369-378.	3.0	74
5	Safety and efficacy of defibrillator charging during ongoing chest compressions: A multi-center study. <i>Resuscitation</i> , 2010, 81, 1521-1526.	3.0	70
6	Removal of cardiopulmonary resuscitation artifacts from human ECG using an efficient matching pursuit-like algorithm. <i>IEEE Transactions on Biomedical Engineering</i> , 2002, 49, 1287-1298.	4.2	62
7	American Heart Association cardiopulmonary resuscitation quality targets are associated with improved arterial blood pressure during pediatric cardiac arrest. <i>Resuscitation</i> , 2013, 84, 168-172.	3.0	57
8	Shock outcome is related to prior rhythm and duration of ventricular fibrillation. <i>Resuscitation</i> , 2007, 75, 60-67.	3.0	55
9	Capnography and chest-wall impedance algorithms for ventilation detection during cardiopulmonary resuscitation. <i>Resuscitation</i> , 2010, 81, 317-322.	3.0	49
10	Normal Newborn Heart Rate in the First Five Minutes of Life Assessed by Dry-Electrode Electrocardiography. <i>Neonatology</i> , 2016, 110, 231-237.	2.0	49
11	Comparison of mechanical characteristics of the human and porcine chest during cardiopulmonary resuscitation. <i>Resuscitation</i> , 2009, 80, 463-469.	3.0	41
12	Prearrest administration of low-molecular-weight heparin in porcine cardiac arrest: Hemodynamic effects and resuscitability*. <i>Critical Care Medicine</i> , 2008, 36, 881-886.	0.9	39
13	Reducing no flow times during automated external defibrillation. <i>Resuscitation</i> , 2005, 67, 95-101.	3.0	37
14	Fresh stillborn and severely asphyxiated neonates share a common hypoxicâ€“ischemic pathway. <i>International Journal of Gynecology and Obstetrics</i> , 2018, 141, 171-180.	2.3	29
15	Transthoracic impedance changes as a tool to detect malpositioned tracheal tubes. <i>Resuscitation</i> , 2008, 76, 11-16.	3.0	27
16	Born not breathing: A randomised trial comparing two self-inflating bag-masks during newborn resuscitation in Tanzania. <i>Resuscitation</i> , 2017, 116, 66-72.	3.0	25
17	Improving countershock success prediction during cardiopulmonary resuscitation using ventricular fibrillation features from higher ECG frequency bands. <i>Resuscitation</i> , 2008, 79, 453-459.	3.0	21
18	Heart rate detection properties of dry-electrode ECG compared to conventional 3-lead gel-electrode ECG in newborns. <i>BMC Research Notes</i> , 2021, 14, 166.	1.4	21

#	ARTICLE	IF	CITATIONS
19	Using within-patient correlation to improve the accuracy of shock outcome prediction for cardiac arrest. <i>Resuscitation</i> , 2008, 78, 46-51.	3.0	20
20	Effect of mattress and bed frame deflection on real chest compression depth measured with two CPR sensors. <i>Resuscitation</i> , 2014, 85, 840-843.	3.0	19
21	Changes in heart rate from 5 s to 5 min after birth in vaginally delivered term newborns with delayed cord clamping. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2021, 106, 311-315.	2.8	19
22	Simultaneous beat-to-beat assessment of arterial blood pressure and quality of cardiopulmonary resuscitation in out-of-hospital and in-hospital settings. <i>Resuscitation</i> , 2015, 96, 163-169.	3.0	17
23	Comparison of relative and actual chest compression depths during cardiac arrest in children, adolescents, and young adults. <i>Resuscitation</i> , 2012, 83, 320-326.	3.0	16
24	Feasibility of a prototype newborn resuscitation monitor to study transition at birth, measuring heart rate and ventilator parameters, an animal experimental study. <i>BMC Research Notes</i> , 2017, 10, 235.	1.4	16
25	Blood pressure during resuscitation in manâ€”The effect of pause during rhythm analysis revisited. <i>Resuscitation</i> , 2011, 82, 1460-1463.	3.0	15
26	Positive End-Expiratory Pressure in Newborn Resuscitation Around Term: A Randomized Controlled Trial. <i>Pediatrics</i> , 2020, 146, .	2.1	15
27	Comparison of Heart Rate Feedback from Dry-Electrode ECG, 3-Lead ECG, and Pulse Oximetry during Newborn Resuscitation. <i>Children</i> , 2021, 8, 1092.	1.5	15
28	Distribution of heart rate and responses to resuscitation among 1237 apnoeic newborns at birth. <i>Resuscitation</i> , 2020, 152, 69-76.	3.0	14
29	Bioimpedance-Based Respiration Monitoring With a Defibrillator. <i>IEEE Transactions on Biomedical Engineering</i> , 2014, 61, 1858-1862.	4.2	12
30	Does change in thoracic impedance measured via defibrillator electrode pads accurately detect ventilation breaths in children?. <i>Resuscitation</i> , 2010, 81, 1544-1549.	3.0	11
31	Innovations in Cardiorespiratory Monitoring to Improve Resuscitation With Helping Babies Breathe. <i>Pediatrics</i> , 2020, 146, S155-S164.	2.1	10
32	Video Analysis of Newborn Resuscitations After Simulation-Based Helping Babies Breathe Training. <i>Clinical Simulation in Nursing</i> , 2020, 44, 68-78.	3.0	9
33	Delivery of Positive End-Expiratory Pressure Using Self-Inflating Bags during Newborn Resuscitation Is Possible Despite Mask Leak. <i>Neonatology</i> , 2020, 117, 341-348.	2.0	8
34	Increased perinatal survival and improved ventilation skills over a five-year period: An observational study. <i>PLoS ONE</i> , 2020, 15, e0240520.	2.5	8
35	Estimation of the duration of ventricular fibrillation using ECG single feature analysis. <i>Resuscitation</i> , 2007, 73, 246-252.	3.0	7
36	Neonatal ventilation with a manikin model and two novel PEEP valves without an external gas source. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2017, 102, F208-F213.	2.8	4

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37	Expired carbon dioxide during newborn resuscitation as predictor of outcome. Resuscitation, 2021, 166, 121-128.	3.0	4
38	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
39	Is it likely to survive a cardiac arrest without defibrillation?. Resuscitation, 2012, 83, e59.	3.0	0
40	Delivery Room ST Segment Analysis to Predict Short Term Outcomes in Near-Term and Term Newborns. Children, 2022, 9, 54.	1.5	0
41	Title is missing!. , 2020, 15, e0240520.		0
42	Title is missing!. , 2020, 15, e0240520.		0
43	Title is missing!. , 2020, 15, e0240520.		0
44	Title is missing!. , 2020, 15, e0240520.		0
45	Title is missing!. , 2020, 15, e0240520.		0
46	Title is missing!. , 2020, 15, e0240520.		0