

Georg Marcus Schmäglzer

List of Publications by Year in descending order

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Version: 2024-02-01

274
papers

7,513
citations

57758

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82547

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290
all docs

290
docs citations

290
times ranked

3595
citing authors

#	ARTICLE	IF	CITATIONS
1	Haemodynamic changes with varying chest compression rates in asphyxiated piglets. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2023, 108, 200-203.	2.8	6
2	Assessment of optimal chest compression depth during neonatal cardiopulmonary resuscitation: a randomised controlled animal trial. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2022, 107, 262-268.	2.8	8
3	Monitoring of carbon dioxide in ventilated neonates: a prospective observational study. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2022, 107, 293-298.	2.8	2
4	Comparison of intraosseous and intravenous epinephrine administration during resuscitation of asphyxiated newborn lambs. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2022, 107, 311-316.	2.8	6
5	Single versus continuous sustained inflations during chest compressions and physiological-based cord clamping in asystolic lambs. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2022, 107, 488-494.	2.8	2
6	Face mask or laryngeal mask during positive pressure ventilation for term newborns: Is one preferable than the other?. Resuscitation, 2022, 171, 96-97.	3.0	0
7	Respiratory function monitoring to improve the outcomes following neonatal resuscitation: a systematic review and meta-analysis. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2022, 107, 589-596.	2.8	17
8	Immersive Learning in Neonatal Resuscitation Education. Advances in Human and Social Aspects of Technology Book Series, 2022, , 221-237.	0.3	0
9	Chest compressions and medications during neonatal resuscitation. Seminars in Perinatology, 2022, 46, 151624.	2.5	2
10	Cardiopulmonary resuscitation of a very preterm infant using high-frequency oscillation ventilation. Resuscitation Plus, 2022, 11, 100265.	1.7	1
11	Part 5: Neonatal Resuscitation 2020 American Heart Association Guidelines for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care. Pediatrics, 2021, 147, .	2.1	72
12	Bi-Level Noninvasive Ventilation in Neonatal Respiratory Distress Syndrome. A Systematic Review and Meta-Analysis. Neonatology, 2021, 118, 264-273.	2.0	10
13	Face mask versus nasal prong or nasopharyngeal tube for neonatal resuscitation in the delivery room: a systematic review and meta-analysis. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2021, 106, 561-567.	2.8	12
14	Return of Spontaneous Circulation Depends on Cardiac Rhythm During Neonatal Cardiac Arrest in Asphyxiated Newborn Animals. Frontiers in Pediatrics, 2021, 9, 641132.	1.9	2
15	Hemodynamic effects of high frequency oscillatory ventilation with volume guarantee in a piglet model of respiratory distress syndrome. PLoS ONE, 2021, 16, e0246996.	2.5	1
16	Umbilical Cord Management at Term and Late Preterm Birth: A Meta-analysis. Pediatrics, 2021, 147, .	2.1	39
17	Is Chest Compression Superimposed with Sustained Inflation during Cardiopulmonary Resuscitation an Alternative to 3:1 Compression to Ventilation Ratio in Newborn Infants?. Children, 2021, 8, 97.	1.5	2
18	Umbilical Cord Management for Newborns <34 Weeks' Gestation: A Meta-analysis. Pediatrics, 2021, 147, .	2.1	68

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19	Effects of varying chest compression depths on carotid blood flow and blood pressure in asphyxiated piglets. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2021, 106, 553-556.	2.8	10
20	Delayed cord clamping in healthy term infants: More harm or good?. <i>Seminars in Fetal and Neonatal Medicine</i> , 2021, 26, 101221.	2.3	6
21	Using eye-tracking augmented cognitive task analysis to explore healthcare professionals' cognition during neonatal resuscitation. <i>Resuscitation Plus</i> , 2021, 6, 100119.	1.7	7
22	Devices for Administering Ventilation at Birth: A Systematic Review. <i>Pediatrics</i> , 2021, 148, .	2.1	15
23	In Newborn Infants a New Intubation Method May Reduce the Number of Intubation Attempts: A Randomized Pilot Study. <i>Children</i> , 2021, 8, 553.	1.5	1
24	Impact of bradycardia and hypoxemia on oxygenation in preterm infants requiring respiratory support at birth. <i>Resuscitation</i> , 2021, 164, 62-69.	3.0	6
25	Impact of a Multifactorial Educational Training on the Management of Preterm Infants in the Central-Eastern European Region. <i>Frontiers in Pediatrics</i> , 2021, 9, 700226.	1.9	2
26	Sustained Inflation During Chest Compression: A New Technique of Pediatric Cardiopulmonary Resuscitation That Improves Recovery and Survival in a Pediatric Porcine Model. <i>Journal of the American Heart Association</i> , 2021, 10, e019136.	3.7	3
27	Hemodynamic optimization for neonates with neonatal encephalopathy caused by a hypoxic ischemic event: Physiological and therapeutic considerations. <i>Seminars in Fetal and Neonatal Medicine</i> , 2021, 26, 101277.	2.3	15
28	Sustained Inflation Versus Intermittent Positive Pressure Ventilation for Preterm Infants at Birth: Respiratory Function and Vital Sign Measurements. <i>Journal of Pediatrics</i> , 2021, 239, 150-154.e1.	1.8	2
29	Oxygen for the delivery room respiratory support of moderate-to-late preterm infants. An international survey of clinical practice from 21 countries. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2021, 110, 3261-3268.	1.5	6
30	Delivery Room Management of Asphyxiated Term and Near-Term Infants. <i>Neonatology</i> , 2021, 118, 487-499.	2.0	3
31	Sustained Lung Inflations During Neonatal Resuscitation at Birth: A Meta-analysis. <i>Pediatrics</i> , 2021, 147, e2020021204.	2.1	17
32	Delivery Room Care for Premature Infants Born after Less than 25 Weeksâ€™ Gestationâ€™A Narrative Review. <i>Children</i> , 2021, 8, 882.	1.5	5
33	Higher versus Lower Oxygen Concentration during Respiratory Support in the Delivery Room in Extremely Preterm Infants: A Pilot Feasibility Study. <i>Children</i> , 2021, 8, 942.	1.5	3
34	Normal regional tissue oxygen saturation in neonates: a systematic qualitative review. <i>Pediatric Research</i> , 2021, , .	2.3	10
35	Metabolomics to Diagnose Oxidative Stress in Perinatal Asphyxia: Towards a Non-Invasive Approach. <i>Antioxidants</i> , 2021, 10, 1753.	5.1	4
36	2021 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations. <i>Resuscitation</i> , 2021, 169, 229-311.	3.0	71

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37	Physiologic Changes during Neonatal Transition and the Influence of Respiratory Support. Clinics in Perinatology, 2021, 48, 697-709.	2.1	1
38	Effect of Minimally Invasive Surfactant Therapy vs Sham Treatment on Death or Bronchopulmonary Dysplasia in Preterm Infants With Respiratory Distress Syndrome. JAMA - Journal of the American Medical Association, 2021, 326, 2478.	7.4	78
39	Asynchronous ventilation at 120 compared with 90 or 100 compressions per minute improves haemodynamic recovery in asphyxiated newborn piglets. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2020, 105, 357-363.	2.8	16
40	Serious games, a game changer in teaching neonatal resuscitation? A review. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2020, 105, 98-107.	2.8	72
41	2019 American Heart Association Focused Update on Neonatal Resuscitation: An Update to the American Heart Association Guidelines for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care. Pediatrics, 2020, 145, .	2.1	15
42	The RETAIN Simulation-Based Serious Game—A Review of the Literature. Healthcare (Switzerland), 2020, 8, 3.	2.0	26
43	Ventilation with 18, 21, or 100% Oxygen during Cardiopulmonary Resuscitation of Asphyxiated Piglets: A Randomized Controlled Animal Trial. Neonatology, 2020, 117, 102-110.	2.0	10
44	Sustained inflation with 21% versus 100% oxygen during cardiopulmonary resuscitation of asphyxiated newborn piglets - A randomized controlled animal study. Resuscitation, 2020, 155, 39-47.	3.0	10
45	Unsupervised Machine Learning Algorithms Examine Healthcare Providers' Perceptions and Longitudinal Performance in a Digital Neonatal Resuscitation Simulator. Frontiers in Pediatrics, 2020, 8, 544.	1.9	6
46	Neonatal Life Support 2020 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations. Resuscitation, 2020, 156, A156-A187.	3.0	66
47	Neonatal Life Support: 2020 International Consensus on Cardiopulmonary Resuscitation and Emergency Cardiovascular Care Science With Treatment Recommendations. Circulation, 2020, 142, S185-S221.	1.6	185
48	Part 5: Neonatal Resuscitation: 2020 American Heart Association Guidelines for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care. Circulation, 2020, 142, S524-S550.	1.6	175
49	Excess cerebral oxygen delivery follows return of spontaneous circulation in near-term asphyxiated lambs. Scientific Reports, 2020, 10, 16443.	3.3	11
50	Review of guidelines and recommendations from 17 countries highlights the challenges that clinicians face caring for neonates born to mothers with COVID-19. Acta Paediatrica, International Journal of Paediatrics, 2020, 109, 2192-2207.	1.5	57
51	Blood Glucose and Lactate Levels and Cerebral Oxygenation in Preterm and Term Neonates—A Systematic Qualitative Review of the Literature. Frontiers in Pediatrics, 2020, 8, 361.	1.9	6
52	Cardiopulmonary Resuscitation of Asystolic Newborn Lambs Prior to Umbilical Cord Clamping; the Timing of Cord Clamping Matters!. Frontiers in Physiology, 2020, 11, 902.	2.8	18
53	Using technology to bridge the gap for remote healthcare education during COVID-19. BMJ Simulation and Technology Enhanced Learning, 2020, 7, bmjstel-2020-000733.	0.7	0
54	Analysis of visual attention and team communications during neonatal endotracheal intubations using eye-tracking: An observational study. Resuscitation, 2020, 153, 176-182.	3.0	16

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55	Respiratory Support of the Preterm Neonate: Lessons About Ventilation-Induced Brain Injury From Large Animal Models. <i>Frontiers in Neurology</i> , 2020, 11, 862.	2.4	5
56	Response to letter to the editor regarding article "Randomised simulation trial found an association between rescuers' height and weight and chest compression quality during paediatric resuscitation". <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2020, 109, 1910-1911.	1.5	0
57	Effect of COVID-19 Precautions on Neonatal Resuscitation Practice: A Balance Between Healthcare Provider Safety, Infection Control, and Effective Neonatal Care. <i>Frontiers in Pediatrics</i> , 2020, 8, 478.	1.9	2
58	The Route, Dose, and Interval of Epinephrine for Neonatal Resuscitation: A Systematic Review. <i>Pediatrics</i> , 2020, 146, .	2.1	24
59	Asphyxiated Female and Male Newborn Piglets Have Similar Outcomes With Different Cardiopulmonary Resuscitation Interventions. <i>Frontiers in Pediatrics</i> , 2020, 8, 602228.	1.9	1
60	Assessment of Healthcare Provider Workload in Neonatal Resuscitation. <i>Frontiers in Pediatrics</i> , 2020, 8, 598475.	1.9	3
61	Magnetic Non-invasive Auricular Acupuncture During Eye-Exam for Retinopathy of Prematurity in Preterm Infants: A Multicentre Randomized Controlled Trial. <i>Frontiers in Pediatrics</i> , 2020, 8, 615008.	1.9	7
62	Reply to: Differences in intubators' visual attention during neonatal endotracheal intubation. <i>Resuscitation</i> , 2020, 156, 279.	3.0	0
63	Using the RETAIN Tabletop Simulator as a Summative Assessment Tool for Neonatal Resuscitation Healthcare Professionals: A Pilot Study. <i>Frontiers in Pediatrics</i> , 2020, 8, 569776.	1.9	2
64	A call for a streamlined ethics review process for multijurisdictional, child health research studies. <i>Paediatrics and Child Health</i> , 2020, 25, 406-408.	0.6	1
65	Perinatal Outcomes of Subjects Enrolled in a Multicenter Trial with a Waiver of Antenatal Consent. <i>American Journal of Perinatology</i> , 2020, , .	1.4	4
66	Association of Umbilical Cord Milking vs Delayed Umbilical Cord Clamping With Death or Severe Intraventricular Hemorrhage Among Preterm Infants. <i>Obstetrical and Gynecological Survey</i> , 2020, 75, 212-214.	0.4	0
67	Table-top exercises to prepare for neonatal resuscitation in the Era of COVID-19. <i>Resuscitation</i> , 2020, 151, 85-86.	3.0	2
68	Early Cardiac and Cerebral Hemodynamics with Umbilical Cord Milking Compared with Delayed Cord Clamping in Infants Born Preterm. <i>Journal of Pediatrics</i> , 2020, 223, 51-56.e1.	1.8	12
69	Efficacy of Intravenous, Endotracheal, or Nasal Adrenaline Administration During Resuscitation of Near-Term Asphyxiated Lambs. <i>Frontiers in Pediatrics</i> , 2020, 8, 262.	1.9	5
70	Does parental presence affect workload during neonatal resuscitation?. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2020, 105, 559-561.	2.8	8
71	Chest Compression in Neonatal Cardiac Arrest: Cerebral Blood Flow Measurements in Experimental Models. <i>Healthcare (Switzerland)</i> , 2020, 8, 17.	2.0	1
72	Heart Rate Assessment during Neonatal Resuscitation. <i>Healthcare (Switzerland)</i> , 2020, 8, 43.	2.0	21

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73	Incidence and Risk Factors for Hypoglycemia During Fetal-to-Neonatal Transition in Premature Infants. <i>Frontiers in Pediatrics</i> , 2020, 8, 34.	1.9	31
74	Effect of Fentanyl Boluses on Cerebral Oxygenation and Hemodynamics in Preterm Infants: A Prospective Observational Study. <i>Neonatology</i> , 2020, 117, 480-487.	2.0	1
75	Effects of sustained inflation pressure during neonatal cardiopulmonary resuscitation of asphyxiated piglets. <i>PLoS ONE</i> , 2020, 15, e0228693.	2.5	12
76	Hypoxia " Reoxygenation in neonatal cardiac arrest: Results from experimental models. <i>Seminars in Fetal and Neonatal Medicine</i> , 2020, 25, 101085.	2.3	2
77	Randomised simulation trial found an association between rescuers' height and weight and chest compression quality during paediatric resuscitation. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2020, 109, 1831-1837.	1.5	4
78	Doppler Ultrasound for Heart Rate Assessment in a Porcine Model of Neonatal Asphyxia. <i>Frontiers in Pediatrics</i> , 2020, 8, 18.	1.9	3
79	Pediatric Critical Care"Current Controversies. <i>Anesthesia and Analgesia</i> , 2020, 130, e81.	2.2	0
80	Simulation-Based Summative Assessment of Neonatal Resuscitation Providers Using the RETAIN Serious Board Game"A Pilot Study. <i>Frontiers in Pediatrics</i> , 2020, 8, 14.	1.9	12
81	Sustained Inflation vs Standard Resuscitation for Preterm Infants. <i>JAMA Pediatrics</i> , 2020, 174, e195897.	6.2	28
82	Cerebral Doppler Resistance Index (RI) is associated with regional cerebral oxygenation. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2020, 109, 2299-2301.	1.5	2
83	Effect of monitor positioning on visual attention and situation awareness during neonatal resuscitation: a randomised simulation study. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2020, 105, 285-291.	2.8	6
84	Mindset Moderates Healthcare Providers' Longitudinal Performance in a Digital Neonatal Resuscitation Simulator. <i>Frontiers in Pediatrics</i> , 2020, 8, 594690.	1.9	2
85	Digital Simulation Improves, Maintains, and Helps Transfer Health-Care Providers' Neonatal Resuscitation Knowledge. <i>Frontiers in Pediatrics</i> , 2020, 8, 599638.	1.9	7
86	Health Care Providers"™ Performance, Mindset, and Attitudes Toward a Neonatal Resuscitation Computer-Based Simulator: Empirical Study. <i>JMIR Serious Games</i> , 2020, 8, e21855.	3.1	7
87	Abstract 132: Cardiopulmonary Resuscitation with Chest Compressions During Sustained Inflation in a Pediatric Porcine Model - A Randomized Control Animal Trial. <i>Circulation</i> , 2020, 142, .	1.6	0
88	Abstract 324: Assessment of Optimal Chest Compression Depth to Optimize Cardiopulmonary Resuscitation: A Randomized Controlled Trial. <i>Circulation</i> , 2020, 142, .	1.6	0
89	Title is missing!. , 2020, 15, e0228693.		0
90	Title is missing!. , 2020, 15, e0228693.		0

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91	Title is missing!. , 2020, 15, e0228693.		0
92	Title is missing!. , 2020, 15, e0228693.		0
93	Pulseless electrical activity: a misdiagnosed entity during asphyxia in newborn infants?. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2019, 104, F215-F217.	2.8	26
94	Heart rate changes during positive pressure ventilation after asphyxia-induced bradycardia in a porcine model of neonatal resuscitation. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2019, 104, F98-F101.	2.8	9
95	Enhanced monitoring during neonatal resuscitation. Seminars in Perinatology, 2019, 43, 151177.	2.5	16
96	Sex Differences Between Female and Male Newborn Piglets During Asphyxia, Resuscitation, and Recovery. Frontiers in Pediatrics, 2019, 7, 290.	1.9	4
97	Novel technologies for heart rate assessment during neonatal resuscitation at birth – A systematic review. Resuscitation, 2019, 143, 196-207.	3.0	31
98	Invasive and non-invasive acupuncture techniques for pain management in neonates: a systematic review. Acupuncture in Medicine, 2019, 37, 201-210.	1.0	5
99	An Opportunity for Cognitive Task Analysis in Neonatal Resuscitation. Frontiers in Pediatrics, 2019, 7, 356.	1.9	4
100	A randomized trial of oropharyngeal airways to assist stabilization of preterm infants in the delivery room. Resuscitation, 2019, 144, 106-114.	3.0	17
101	LB 1: Premature Infants Receiving Cord Milking or Delayed Cord Clamping: A Randomized Controlled Non-inferiority Trial. American Journal of Obstetrics and Gynecology, 2019, 220, S682.	1.3	4
102	Effects of Feedback on Chest Compression Quality: A Randomized Simulation Study. Pediatrics, 2019, 143, e20182441.	2.1	34
103	Pharmacological and non-pharmacological treatments for the Neonatal Abstinence Syndrome (NAS). Seminars in Fetal and Neonatal Medicine, 2019, 24, 133-141.	2.3	43
104	The Relationship Between Heart Rate and Left Ventricular Isovolumic Relaxation During Normoxia and Hypoxia-Asphyxia in Newborn Piglets. Frontiers in Physiology, 2019, 10, 525.	2.8	4
105	Deferred consent for the enrolment of neonates in delivery room studies: strengthening the approach. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2019, 104, fetalneonatal-2018-316461.	2.8	7
106	Novel interventions to reduce oxidative-stress related brain injury in neonatal asphyxia. Free Radical Biology and Medicine, 2019, 142, 113-122.	2.9	63
107	Cerebral regional tissue Oxygen Saturation to Guide Oxygen Delivery in preterm neonates during immediate transition after birth (COSGOD III): an investigator-initiated, randomized, multi-center, multi-national, clinical trial on additional cerebral tissue oxygen saturation monitoring combined with defined treatment guidelines versus standard monitoring and treatment as usual in premature infants during immediate transition: study protocol for a randomized controlled trial. Trials. 2019, 20, 178.	1.6	29
108	Attenuation of Acute Renal Injury After the Post-resuscitation Administration of Doxycycline in Surviving Newborn Piglets With Severe Hypoxia-Reoxygenation. Frontiers in Pediatrics, 2019, 7, 75.	1.9	3

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109	Effect of Sustained Inflations vs Intermittent Positive Pressure Ventilation on Bronchopulmonary Dysplasia or Death Among Extremely Preterm Infants. <i>JAMA - Journal of the American Medical Association</i> , 2019, 321, 1165.	7.4	137
110	Chest Compressions During Sustained Inflation During Cardiopulmonary Resuscitation in Newborn Infants Translating Evidence From Animal Studies to the Bedside. <i>JACC Basic To Translational Science</i> , 2019, 4, 116-121.	4.1	18
111	Non-perfusing cardiac rhythms in asphyxiated newborn piglets. <i>PLoS ONE</i> , 2019, 14, e0214506.	2.5	11
112	Cardiac arrest with pulseless electrical activity rhythm in newborn infants: a case series. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2019, 104, F572-F574.	2.8	34
113	RETAIN: A Board Game That Improves Neonatal Resuscitation Knowledge Retention. <i>Frontiers in Pediatrics</i> , 2019, 7, 13.	1.9	24
114	The SURVIVE trial – sustained inflation and chest compression versus 3:1 chest compression-to-ventilation ratio during cardiopulmonary resuscitation of asphyxiated newborns: study protocol for a cluster randomized controlled trial. <i>Trials</i> , 2019, 20, 139.	1.6	16
115	Delivery room interventions to prevent bronchopulmonary dysplasia in preterm infants: a protocol for a systematic review and network meta-analysis. <i>BMJ Open</i> , 2019, 9, e028066.	1.9	5
116	2019 American Heart Association Focused Update on Neonatal Resuscitation: An Update to the American Heart Association Guidelines for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care. <i>Circulation</i> , 2019, 140, e922-e930.	1.6	24
117	Association of Umbilical Cord Milking vs Delayed Umbilical Cord Clamping With Death or Severe Intraventricular Hemorrhage Among Preterm Infants. <i>JAMA - Journal of the American Medical Association</i> , 2019, 322, 1877.	7.4	182
118	Evaluation of a Tap-Based Smartphone App for Heart Rate Assessment During Asphyxia in a Porcine Model of Neonatal Resuscitation. <i>Frontiers in Pediatrics</i> , 2019, 7, 453.	1.9	5
119	Is Supplemental Oxygen Needed in Cardiac Compression? – The Influence of Oxygen on Cerebral Perfusion in Severely Asphyxiated Neonates With Bradycardia or Cardiac Asystole. <i>Frontiers in Pediatrics</i> , 2019, 7, 486.	1.9	3
120	Chest Compressions in the Delivery Room. <i>Children</i> , 2019, 6, 4.	1.5	8
121	Impact of delivered tidal volume on the occurrence of intraventricular haemorrhage in preterm infants during positive pressure ventilation in the delivery room. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2019, 104, F57-F62.	2.8	58
122	Evidence for vasopressors during cardiopulmonary resuscitation in newborn infants. <i>Minerva Pediatrica</i> , 2019, 71, 159-173.	2.7	1
123	A Review on Acupuncture as a Non-Pharmacological Treatment for Neonatal Abstinence Syndrome (NAS). <i>OBM Integrative and Complementary Medicine</i> , 2019, 4, 1-1.	0.2	1
124	Comparison of Different Compression to Ventilation Ratios (2: 1, 3: 1, and 4: 1) during Cardiopulmonary Resuscitation in a Porcine Model of Neonatal Asphyxia. <i>Neonatology</i> , 2018, 114, 37-45.	2.0	33
125	Review of Routes to Administer Medication During Prolonged Neonatal Resuscitation. <i>Pediatric Critical Care Medicine</i> , 2018, 19, 332-338.	0.5	29
126	Tactile stimulation during neonatal transition and its effect on vital parameters in neonates during neonatal transition. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2018, 107, 952-957.	1.5	26

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127	Golden hour management practices for infants <32 weeks gestational age in Canada. Paediatrics and Child Health, 2018, 23, e70-e76.	0.6	13
128	Chest compression during sustained inflation versus 3:1 chest compression:ventilation ratio during neonatal cardiopulmonary resuscitation: a randomised feasibility trial. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2018, 103, F455-F460.	2.8	44
129	Analysis of neonatal resuscitation using eye tracking: a pilot study. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2018, 103, F82-F84.	2.8	38
130	Effects of epinephrine on hemodynamic changes during cardiopulmonary resuscitation in a neonatal piglet model. Pediatric Research, 2018, 83, 897-903.	2.3	11
131	A Review of Oxygen Use During Chest Compressions in Newborns – A Meta-Analysis of Animal Data. Frontiers in Pediatrics, 2018, 6, 400.	1.9	27
132	Chest Compression Quality in a Newborn Manikin: A Randomized Crossover Trial (August 2016). IEEE Journal of Translational Engineering in Health and Medicine, 2018, 6, 1-5.	3.7	5
133	Respiratory Distress Syndrome Management in Delivery Room. , 2018, , .		0
134	Review of Biomedical Applications of Contactless Imaging of Neonates Using Infrared Thermography and Beyond. Methods and Protocols, 2018, 1, 39.	2.0	13
135	Sustained inflations and avoiding mechanical ventilation to prevent death or bronchopulmonary dysplasia: a meta-analysis. European Respiratory Review, 2018, 27, 180083.	7.1	19
136	Electrocardiography vs. Auscultation to Assess Heart Rate During Cardiac Arrest With Pulseless Electrical Activity in Newborn Infants. Frontiers in Pediatrics, 2018, 6, 366.	1.9	20
137	A Review of Non-Pharmacological Treatments for Pain Management in Newborn Infants. Children, 2018, 5, 130.	1.5	58
138	Does the Number of Fingers on the Bag Influence Volume Delivery? A Randomized Model Study of Bag-Valve-Mask Ventilation in Infants. Children, 2018, 5, 132.	1.5	0
139	Implementation and Evaluation of Training for Ultrasound-Guided Vascular Access to Small Vessels Using a Low-Cost Cadaver Model. Pediatric Critical Care Medicine, 2018, 19, e611-e617.	0.5	10
140	Resuscitation of Term Infants in the Delivery Room. , 2018, , .		0
141	Effect of Monitor Placement on Situational Awareness and Visual Attention in Simulated Neonatal Resuscitations. Paediatrics and Child Health, 2018, 23, e28-e29.	0.6	1
142	Reducing Brain Injury of Preterm Infants in the Delivery Room. Frontiers in Pediatrics, 2018, 6, 290.	1.9	9
143	Techniques to ascertain correct endotracheal tube placement in neonates. The Cochrane Library, 2018, 7, CD010221.	2.8	2
144	Blood Glucose and Cerebral Tissue Oxygenation Immediately after Birth – An Observational Study. Journal of Pediatrics, 2018, 200, 19-23.	1.8	18

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145	Effects of different durations of sustained inflation during cardiopulmonary resuscitation on return of spontaneous circulation and hemodynamic recovery in severely asphyxiated piglets. Resuscitation, 2018, 129, 82-89.	3.0	35
146	Ventilation Strategies during Neonatal Cardiopulmonary Resuscitation. Frontiers in Pediatrics, 2018, 6, 18.	1.9	6
147	Growth Mindset Moderates the Effect of the Neonatal Resuscitation Program on Performance in a Computer-Based Game Training Simulation. Frontiers in Pediatrics, 2018, 6, 195.	1.9	24
148	Comparison of positive pressure ventilation devices in a newborn manikin. Journal of Maternal-Fetal and Neonatal Medicine, 2017, 30, 595-599.	1.5	7
149	Student peer teaching in paediatric simulation training is a feasible low-cost alternative for education. Acta Paediatrica, International Journal of Paediatrics, 2017, 106, 995-1000.	1.5	19
150	Blood Pressure during the Immediate Neonatal Transition: Is the Mean Arterial Blood Pressure Relevant for the Cerebral Regional Oxygenation?. Neonatology, 2017, 112, 97-102.	2.0	15
151	Cerebral hypoxia during immediate transition after birth and short term neurological outcome. Early Human Development, 2017, 110, 13-15.	1.8	10
152	Early warning- and track and trigger systems for newborn infants. Journal of Child Health Care, 2017, 21, 112-120.	1.4	19
153	Using exhaled CO ₂ to guide initial respiratory support at birth: a randomised controlled trial. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2017, 102, F525-F531.	2.8	31
154	Association between Brain and Kidney Near-Infrared Spectroscopy and Early Postresuscitation Mortality in Asphyxiated Newborn Piglets. Neonatology, 2017, 112, 80-86.	2.0	2
155	Management of Extremely Low Birth Weight Infants in Delivery Room. Clinics in Perinatology, 2017, 44, 361-375.	2.1	5
156	Oxygen Saturation and Heart Rate Ranges in Very Preterm Infants Requiring Respiratory Support at Birth. Journal of Pediatrics, 2017, 182, 41-46.e2.	1.8	18
157	Is 100% oxygen a sticking plaster for sore neonatal ventilation skills?. Acta Paediatrica, International Journal of Paediatrics, 2017, 106, 1548-1549.	1.5	1
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