

# Calum Roberts

## List of Publications by Year in descending order

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Version: 2024-02-01

53  
papers

1,105  
citations

566801

15  
h-index

433756

31  
g-index

54  
all docs

54  
docs citations

54  
times ranked

843  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Nasal High-Flow Therapy for Primary Respiratory Support in Preterm Infants. <i>New England Journal of Medicine</i> , 2016, 375, 1142-1151.  | 13.9 | 177       |
| 2  | Videolaryngoscopy to Teach Neonatal Intubation: A Randomized Trial. <i>Pediatrics</i> , 2015, 136, 912-919.   | 1.0  | 121       |
| 3  | Interventions to Improve Rates of Successful Extubation in Preterm Infants. <i>JAMA Pediatrics</i> , 2017, 171, 165.  | 3.3  | 101       |
| 4  | Nursing perceptions of high-flow nasal cannulae treatment for very preterm infants. <i>Journal of Paediatrics and Child Health</i> , 2014, 50, 806-810.   | 0.4  | 62        |
| 5  | Nasal High-Flow Therapy for Newborn Infants in Special Care Nurseries. <i>New England Journal of Medicine</i> , 2019, 380, 2031-2040.   | 13.9 | 62        |
| 6  | Neonatal Non-Invasive Respiratory Support: Synchronised NIPPV, Non-Synchronised NIPPV or Bi-Level CPAP: What Is the Evidence in 2013. <i>Neonatology</i> , 2013, 104, 203-209.  | 0.9  | 50        |
| 7  | Nasal High-Flow Therapy during Neonatal Endotracheal Intubation. <i>New England Journal of Medicine</i> , 2022, 386, 1627-1637.   | 13.9 | 46        |
| 8  | Assessment of resistance of nasal continuous positive airway pressure interfaces. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2019, 104, F535-F539.   | 1.4  | 40        |
| 9  | Use of Intraosseous Needles in Neonates: A Systematic Review. <i>Neonatology</i> , 2019, 116, 305-314.  | 0.9  | 36        |
| 10 | Nasal high flow treatment in preterm infants. <i>Maternal Health, Neonatology and Perinatology</i> , 2017, 3, 15.   | 1.0  | 30        |
| 11 | Haemodynamic Instability and Brain Injury in Neonates Exposed to Hypoxia-Ischaemia. <i>Brain Sciences</i> , 2019, 9, 49.  | 1.1  | 30        |
| 12 | A multicentre, randomised controlled, non-inferiority trial, comparing high flow therapy with nasal continuous positive airway pressure as primary support for preterm infants with respiratory distress (the HIPSTER trial): study protocol. <i>BMJ Open</i> , 2015, 5, e008483. | 0.8  | 22        |
| 13 | Retrospective Consent in a Neonatal Randomized Controlled Trial. <i>Pediatrics</i> , 2018, 141, .   | 1.0  | 22        |
| 14 | High-flow support in very preterm infants in Australia and New Zealand. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2016, 101, F401-F403.   | 1.4  | 21        |
| 15 | Physiologically based cord clamping for infants <math>\geq 32+0</math> weeks gestation: A randomised clinical trial and reference percentiles for heart rate and oxygen saturation for infants <math>\geq 35+0</math> weeks gestation. <i>PLoS Medicine</i> , 2022, 19, e1004029. | 3.9  | 21        |
| 16 | Cardiopulmonary Resuscitation of Asystolic Newborn Lambs Prior to Umbilical Cord Clamping; the Timing of Cord Clamping Matters!. <i>Frontiers in Physiology</i> , 2020, 11, 902.  | 1.3  | 18        |
| 17 | Are high flow nasal cannulae noisier than bubble CPAP for preterm infants?. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2014, 99, F291-F296.  | 1.4  | 17        |
| 18 | The effects of non-invasive respiratory support on oropharyngeal temperature and humidity: a neonatal manikin study. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2016, 101, F248-F252.  | 1.4  | 16        |

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|----|---|-----|-----------|
| 19 | Refining the Use of Nasal High-Flow Therapy as Primary Respiratory Support for Preterm Infants. <i>Journal of Pediatrics</i> , 2018, 196, 65-70.e1.   | 0.9 | 15        |
| 20 | Outcomes after Introduction of Minimally Invasive Surfactant Therapy in Two Australian Tertiary Neonatal Units. <i>Journal of Pediatrics</i> , 2021, 229, 141-146.  | 0.9 | 15        |
| 21 | Predictors and Outcomes of Early Intubation in Infants Born at 28-36 Weeks of Gestation Receiving Noninvasive Respiratory Support. <i>Journal of Pediatrics</i> , 2020, 216, 109-116.e1.  | 0.9 | 14        |
| 22 | Cost-Effectiveness Analysis of Nasal Continuous Positive Airway Pressure Versus Nasal High Flow Therapy as Primary Support for Infants Born Preterm. <i>Journal of Pediatrics</i> , 2018, 196, 58-64.e2.  | 0.9 | 13        |
| 23 | Issues in cardiopulmonary transition at birth. <i>Seminars in Fetal and Neonatal Medicine</i> , 2019, 24, 101033.   | 1.1 | 12        |
| 24 | A multicentre, randomised trial of stabilisation with nasal high flow during neonatal endotracheal intubation (the SHINE trial): a study protocol. <i>BMJ Open</i> , 2020, 10, e039230.   | 0.8 | 12        |
| 25 | Cardiovascular response and sequelae after minimally invasive surfactant therapy in growth-restricted preterm infants. <i>Journal of Perinatology</i> , 2020, 40, 1178-1184.  | 0.9 | 12        |
| 26 | Cardiorespiratory Physiology following Minimally Invasive Surfactant Therapy in Preterm Infants. <i>Neonatology</i> , 2019, 116, 278-285.   | 0.9 | 11        |
| 27 | Excess cerebral oxygen delivery follows return of spontaneous circulation in near-term asphyxiated lambs. <i>Scientific Reports</i> , 2020, 10, 16443.  | 1.6 | 11        |
| 28 | Supraglottic airway devices for administration of surfactant to newborn infants with respiratory distress syndrome: a narrative review. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2021, 106, 336-341.   | 1.4 | 11        |
| 29 | Cognitive and academic outcomes of children born extremely preterm. <i>Seminars in Perinatology</i> , 2021, 45, 151480.   | 1.1 | 10        |
| 30 | A multicentre, randomised controlled, non-inferiority trial, comparing nasal high flow with nasal continuous positive airway pressure as primary support for newborn infants with early respiratory distress born in Australian non-tertiary special care nurseries (the HUNTER trial): study protocol. <i>BMJ Open</i> , 2017, 7, e016746. | 0.8 | 9         |
| 31 | Earlier Initiation of Therapeutic Hypothermia by Non-Tertiary Neonatal Units in Victoria, Australia. <i>Neonatology</i> , 2016, 110, 33-39.   | 0.9 | 7         |
| 32 | Physiological-based cord clamping versus immediate cord clamping for infants born with a congenital diaphragmatic hernia (PinC): study protocol for a multicentre, randomised controlled trial. <i>BMJ Open</i> , 2022, 12, e054808.  | 0.8 | 7         |
| 33 | Comparison of intraosseous and intravenous epinephrine administration during resuscitation of asphyxiated newborn lambs. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2022, 107, 311-316.  | 1.4 | 6         |
| 34 | High-CPAP Does Not Impede Cardiovascular Changes at Birth in Preterm Sheep. <i>Frontiers in Pediatrics</i> , 2020, 8, 584138.   | 0.9 | 6         |
| 35 | The newborn delivery room of tomorrow: emerging and future technologies. <i>Pediatric Research</i> , 2022, , .  | 1.1 | 6         |
| 36 | Assessing pulmonary circulation in severe bronchopulmonary dysplasia using functional echocardiography. <i>Physiological Reports</i> , 2021, 9, e14690.   | 0.7 | 5         |

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|----|---|-----|-----------|
| 37 | Effect of maternal oxytocin on umbilical venous and arterial blood flows during physiological-based cord clamping in preterm lambs. PLoS ONE, 2021, 16, e0253306.   | 1.1 | 5         |
| 38 | Introduction of a Quality Improvement Bundle Is Associated with Reduced Exposure to Mechanical Ventilation in Very Preterm Infants. Neonatology, 2021, 118, 578-585.  | 0.9 | 5         |
| 39 | Nasal high-flow during neonatal and infant transport in Victoria, Australia. Acta Paediatrica, International Journal of Paediatrics, 2019, 108, 768-769.  | 0.7 | 4         |
| 40 | Predicting Nasal High-Flow Treatment Success in Newborn Infants with Respiratory Distress Cared for in Nontertiary Hospitals. Journal of Pediatrics, 2020, 227, 135-141.e1.   | 0.9 | 4         |
| 41 | Rapid centralised randomisation in emergency setting trials using a smartphone. European Journal of Pediatrics, 2022, 181, 3207-3210.   | 1.3 | 4         |
| 42 | Chicken or egg? Dangers in the interpretation of retrospective studies. Journal of Pediatrics, 2016, 178, 309.  | 0.9 | 2         |
| 43 | Impact of early respiratory care for extremely preterm infants. Seminars in Perinatology, 2021, 45, 151-178.  | 1.1 | 2         |
| 44 | 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. | 1.4 | 2         |
| 45 | Lost in Transition: Is Early Respiratory Support in Newborn Infants the Best Option?. Neonatology, 2020, 117, 517-521.  | 0.9 | 1         |
| 46 | The SHINE trial (a multicentre, randomised trial of stabilisation with nasal high flow during neonatal) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5   | 0.7 | 1         |
| 47 | Trends in the use of non-invasive respiratory support for term infants in tertiary neonatal units in Australia and New Zealand. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2022, 107, 572-576.   | 1.4 | 1         |
| 48 | Oral ibuprofen for the treatment of patent ductus arteriosus: further clarification. Journal of Pediatrics, 2012, 160, 179-180.   | 0.9 | 0         |
| 49 | PS-149â€¦Initiation Of Therapeutic Hypothermia By Referring Hospitals During Neonatal Transport â€œ Experience In Victoria, Australia. Archives of Disease in Childhood, 2014, 99, A165.1-A165.                     | 1.0 | 0         |
| 50 | The Art of Trial Design. Neonatology, 2015, 108, 266-268.   | 0.9 | 0         |
| 51 | Smith's Recognizable Patterns of Human Deformation. Seminars in Fetal and Neonatal Medicine, 2016, 21, 365.   | 1.1 | 0         |
| 52 | Nucleated Red Blood Cells as Markers of Perinatal Adaptation in Preterm Neonates Receiving Minimally Invasive Surfactant Therapy. American Journal of Perinatology, 2021, , .                                       | 0.6 | 0         |
| 53 | Inherent device: Are neonatologists cool with the face mask for resuscitation at birth, or is further investigation required?. Resuscitation, 2020, 156, 270-272.   | 1.3 | 0         |