

Mats Blennow

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

4,296
citations

172457

29
h-index

206112

48
g-index

49
all docs

49
docs citations

49
times ranked

4840
citing authors

#	ARTICLE	IF	CITATIONS
1	Acute kidney injury in infants with hypothermia—treated hypoxic—ischaemic encephalopathy: An observational population—based study. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2022, 111, 86-92.	1.5	13
2	Neonatal Seizure Management: Is the Timing of Treatment Critical?. <i>Journal of Pediatrics</i> , 2022, 243, 61-68.e2.	1.8	27
3	Association of traction force and adverse neonatal outcome in vacuum—assisted vaginal delivery: A prospective cohort study. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2020, 99, 1710-1716.	2.8	1
4	Parental viewpoints and experiences of therapeutic hypothermia in a neonatal intensive care unit implemented with Family—Centred Care. <i>Journal of Clinical Nursing</i> , 2020, 29, 4194-4202.	3.0	5
5	A machine-learning algorithm for neonatal seizure recognition: a multicentre, randomised, controlled trial. <i>The Lancet Child and Adolescent Health</i> , 2020, 4, 740-749.	5.6	79
6	Accuracy of pulse oximetry in preterm and term infants is insufficient to determine arterial oxygen saturation and tension. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2020, 109, 2251-2257.	1.5	17
7	Characterisation of neonatal seizures and their treatment using continuous EEG monitoring: a multicentre experience. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2019, 104, F493-F501.	2.8	57
8	A Novel Scoring System for Term-Equivalent-Age Cranial Ultrasound in Extremely Preterm Infants. <i>Ultrasound in Medicine and Biology</i> , 2019, 45, 786-794.	1.5	20
9	A Novel Magnetic Resonance Imaging Score Predicts Neurodevelopmental Outcome After Perinatal Asphyxia and Therapeutic Hypothermia. <i>Journal of Pediatrics</i> , 2018, 192, 33-40.e2.	1.8	125
10	When Helping Babies Breathe Is Not Enough: Designing a Novel, Mid-Level Neonatal Resuscitation Algorithm for M—decins Sans Fronti—res Field Teams Working in Low-Resource Hospital Settings. <i>Neonatology</i> , 2018, 114, 112-123.	2.0	14
11	Effect of Needle Aspiration of Pneumothorax on Subsequent Chest Drain Insertion in Newborns. <i>JAMA Pediatrics</i> , 2018, 172, 664.	6.2	12
12	Navigating a Mid-Level Gap in Neonatal Resuscitation. <i>Neonatology</i> , 2018, 114, 362-363.	2.0	0
13	Swedish consensus reached on recording, interpretation and reporting of neonatal continuous simplified electroencephalography that is supported by amplitude—integrated trend analysis. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2018, 107, 1702-1709.	1.5	8
14	Pilot evaluation of the population pharmacokinetics of bumetanide in term newborn infants with seizures. <i>Journal of Clinical Pharmacology</i> , 2016, 56, 284-290.	2.0	13
15	Continuous subcutaneous glucose monitoring is accurate in term and near—term infants at risk of hypoglycaemia. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2016, 105, 917-923.	1.5	17
16	Role of EEG background activity, seizure burden and MRI in predicting neurodevelopmental outcome in full-term infants with hypoxic-ischaemic encephalopathy in the era of therapeutic hypothermia. <i>European Journal of Paediatric Neurology</i> , 2016, 20, 855-864.	1.6	55
17	Brain Growth Gains and Losses in Extremely Preterm Infants at Term. <i>Cerebral Cortex</i> , 2015, 25, 1897-1905.	2.9	124
18	Surfactant and Noninvasive Ventilation. <i>Neonatology</i> , 2015, 107, 330-336.	2.0	30

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19	Bumetanide for the treatment of seizures in newborn babies with hypoxic ischaemic encephalopathy (NEMO): an open-label, dose finding, and feasibility phase 1/2 trial. <i>Lancet Neurology</i> , The, 2015, 14, 469-477.	10.2	208
20	Intensity of Perinatal Care for Extremely Preterm Infants: Outcomes at 2.5 Years. <i>Pediatrics</i> , 2015, 135, e1163-e1172.	2.1	75
21	Bumetanide for neonatal seizures—back from the cotside. <i>Nature Reviews Neurology</i> , 2015, 11, 724-724.	10.1	18
22	White matter microstructure is influenced by extremely preterm birth and neonatal respiratory factors. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2014, 103, 48-56.	1.5	37
23	<scp>EXPRESS</scp> study shows significant regional differences in 1-year outcome of extremely preterm infants in <scp>S</scp>weden. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2014, 103, 27-37.	1.5	79
24	Sex Differences in Outcome and Associations with Neonatal Brain Morphology in Extremely Preterm Children. <i>Journal of Pediatrics</i> , 2014, 164, 1012-1018.	1.8	85
25	The European Database for Subspecialist Training in Neonatology — Transparency Achieved. <i>Neonatology</i> , 2013, 103, 74-82.	2.0	7
26	Experiences of Parents Whose Newborns Undergo Hypothermia Treatment Following Perinatal Asphyxia. <i>JOGNN - Journal of Obstetric, Gynecologic, and Neonatal Nursing</i> , 2013, 42, 38-47.	0.5	29
27	Neurodevelopmental Outcome in Extremely Preterm Infants at 2.5 Years After Active Perinatal Care in Sweden. <i>JAMA - Journal of the American Medical Association</i> , 2013, 309, 1810.	7.4	440
28	Early Development of Spatial Patterns of Power-Law Frequency Scaling in fMRI Resting-State and EEG Data in the Newborn Brain. <i>Cerebral Cortex</i> , 2013, 23, 638-646.	2.9	85
29	Neonatal Magnetic Resonance Imaging and Outcome at Age 30 Months in Extremely Preterm Infants. <i>Journal of Pediatrics</i> , 2012, 160, 559-566.e1.	1.8	103
30	The Functional Architecture of the Infant Brain as Revealed by Resting-State fMRI. <i>Cerebral Cortex</i> , 2011, 21, 145-154.	2.9	447
31	White matter changes in extremely preterm infants, a population-based diffusion tensor imaging study. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2010, 99, 842-849.	1.5	80
32	Lactate dehydrogenase predicts hypoxic ischaemic encephalopathy in newborn infants: a preliminary study. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2010, 99, 1139-1144.	1.5	51
33	Cochrane review: Early surfactant administration with brief ventilation vs. selective surfactant and continued mechanical ventilation for preterm infants with or at risk for respiratory distress syndrome. <i>Evidence-Based Child Health: A Cochrane Review Journal</i> , 2010, 5, 82-115.	2.0	3
34	Spontaneous Brain Activity in the Newborn Brain During Natural Sleep—An fMRI Study in Infants Born at Full Term. <i>Pediatric Research</i> , 2009, 66, 301-305.	2.3	201
35	Passive induction of hypothermia during transport of asphyxiated infants: a risk of excessive cooling. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2009, 98, 942-946.	1.5	85
36	The acoustic hood: a patient-independent device improving acoustic noise protection during neonatal magnetic resonance imaging. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2009, 98, 1278-1283.	1.5	26

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37	Lateral Ventricular Size in Extremely Premature Infants: 3D MRI Confirms 2D Ultrasound Measurements. <i>Ultrasound in Medicine and Biology</i> , 2009, 35, 360-366.	1.5	29
38	Aortic dissection in pregnancy: A life-threatening disease and a diagnosis of worth considering. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2009, 88, 1167-1170.	2.8	26
39	Early surfactant administration with brief ventilation vs. selective surfactant and continued mechanical ventilation for preterm infants with or at risk for respiratory distress syndrome. <i>The Cochrane Library</i> , 2008, 2008, CD003063.	2.8	350
40	Moderate neonatal encephalopathy: Pre- and perinatal risk factors and long-term outcome. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2008, 87, 503-509.	2.8	56
41	Continuous Positive Airway Pressure and Surfactant. <i>Neonatology</i> , 2008, 93, 309-315.	2.0	65
42	Resting-state networks in the infant brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 15531-15536.	7.1	586
43	Brain abnormalities in extremely low gestational age infants: a Swedish population based MRI study. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2007, 96, 979-984.	1.5	45
44	Dynamics of hepatic enzyme activity following birth asphyxia. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2006, 95, 1405-1411.	1.5	37
45	A pilot study of inhaled nitric oxide in preterm infants treated with nasal continuous positive airway pressure for respiratory distress syndrome. <i>Intensive Care Medicine</i> , 2005, 31, 959-964.	8.2	30
46	Spontaneous Breathing or Mechanical Ventilation Alters Lung Compliance and Tissue Association of Exogenous Surfactant in Preterm Newborn Rabbits. <i>Pediatric Research</i> , 2005, 57, 624-630.	2.3	62
47	Transport of Methylmercury and Inorganic Mercury to the Fetus and Breast-Fed Infant. <i>Environmental Health Perspectives</i> , 2005, 113, 1381-1385.	6.0	136
48	Continuous Feeding Promotes Gastrointestinal Tolerance and Growth in Very Low Birth Weight Infants. <i>Journal of Pediatrics</i> , 2005, 147, 43-49.	1.8	77
49	Excitatory amino acids in the cerebrospinal fluid of asphyxiated infants: relationship to hypoxic-ischemic encephalopathy. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 1993, 82, 925-929.	1.5	121