

# Marianne Thoresen

## List of Publications by Year in descending order

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Version: 2024-02-01

172  
papers

16,814  
citations

28242

55  
h-index

15249

126  
g-index

180  
all docs

180  
docs citations

180  
times ranked

6612  
citing authors

#	ARTICLE	IF	CITATIONS
1	An Age-Specific Atlas for Delineation of White Matter Pathways in Children Aged 6â€“8 Years. <i>Brain Connectivity</i> , 2022, 12, 402-416.	0.8	4
2	The effects of Xenon gas inhalation on neuropathology in a placentalâ€“induced brain injury model in neonates: A pilot study. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2021, 110, 119-122.	0.7	2
3	MRI combined with early clinical variables are excellent outcome predictors for newborn infants undergoing therapeutic hypothermia after perinatal asphyxia. <i>EClinicalMedicine</i> , 2021, 36, 100885.	3.2	23
4	Morphine and fentanyl exposure during therapeutic hypothermia does not impair neurodevelopment. <i>EClinicalMedicine</i> , 2021, 36, 100892.	3.2	16
5	Unanswered questions regarding therapeutic hypothermia for neonates with neonatal encephalopathy. <i>Seminars in Fetal and Neonatal Medicine</i> , 2021, 26, 101257.	1.1	19
6	Prioritized Brain Circulation During Ergometer Cycling with Apnea and Face Immersion in Ice-Cold Water: A Case Report. <i>International Medical Case Reports Journal</i> , 2021, Volume 14, 675-681.	0.3	1
7	Disrupted brain connectivity in children treated with therapeutic hypothermia for neonatal encephalopathy. <i>NeuroImage: Clinical</i> , 2021, 30, 102582.	1.4	16
8	Motor function and white matter connectivity in children cooled for neonatal encephalopathy. <i>NeuroImage: Clinical</i> , 2021, 32, 102872.	1.4	9
9	Association of Birth Asphyxia With Regional White Matter Abnormalities Among Patients With Schizophrenia and Bipolar Disorders. <i>JAMA Network Open</i> , 2021, 4, e2139759.	2.8	5
10	Deleterious Effect of Crossfostering in Rat Pups on Hypoxic-Ischaemic Injury Tolerance and Hypothermic Neuroprotection. <i>Developmental Neuroscience</i> , 2021, , .	1.0	1
11	Physiological responses to cuddling babies with hypoxicâ€“ischaemic encephalopathy during therapeutic hypothermia: an observational study. <i>BMJ Paediatrics Open</i> , 2021, 5, e001280.	0.6	2
12	School-age outcomes of children without cerebral palsy cooled for neonatal hypoxicâ€“ischaemic encephalopathy in 2008â€“2010. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2020, 105, 8-13.	1.4	59
13	Variability and sex-dependence of hypothermic neuroprotection in a rat model of neonatal hypoxicâ€“ischaemic brain injury: a single laboratory meta-analysis. <i>Scientific Reports</i> , 2020, 10, 10833.	1.6	32
14	Closed circuit xenon delivery for 72h in neonatal piglets following hypoxic insult using an ambient pressure automated control system: Development, technical evaluation and pulmonary effects. <i>PLoS ONE</i> , 2020, 15, e0224447.	1.1	1
15	Neonatal encephalopathy and hypoxicâ€“ischemic encephalopathy. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2019, 162, 217-237.	1.0	65
16	Motor performance and cognitive correlates in children cooled for neonatal encephalopathy without cerebral palsy at school age. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2019, 108, 1773-1780.	0.7	30
17	Why results from Bayesian statistical analyses of clinical trials with a strong prior and small sample sizes may be misleading The case of the NICHD Neonatal Research Network Late Hypothermia Trial. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2019, 108, 1190-1191.	0.7	4
18	Attention and visuo-spatial function in children without cerebral palsy who were cooled for neonatal encephalopathy: a case-control study. <i>Brain Injury</i> , 2019, 33, 894-898.	0.6	21

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19	Should therapeutic hypothermia be offered to babies with mild neonatal encephalopathy in the first 6â€‰h after birth?. <i>Pediatric Research</i> , 2019, 85, 442-448.	1.1	46
20	Start cooling as soon as possible. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2019, 108, 771-771.	0.7	1
21	Major concerns about late hypothermia study. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2019, 108, 588-589.	0.7	7
22	Therapeutic Hypothermia in Neonatal Hypoxic-Ischemic Encephalopathy. <i>Current Neurology and Neuroscience Reports</i> , 2019, 19, 2.	2.0	91
23	Neonatal Systemic Inflammation Induces Inflammatory Reactions and Brain Apoptosis in a Pathogen-Specific Manner. <i>Neonatology</i> , 2018, 113, 212-220.	0.9	28
24	Rectal temperature in the first five hours after hypoxiaâ€‰ischemia critically affects neuropathological outcomes in neonatal rats. <i>Pediatric Research</i> , 2018, 83, 536-544.	1.1	23
25	Combining two good treatments makes it worse. <i>Brain, Behavior, and Immunity</i> , 2018, 71, 7-8.	2.0	2
26	Fentanyl Induces Cerebellar Internal Granular Cell Layer Apoptosis in Healthy Newborn Pigs. <i>Frontiers in Neurology</i> , 2018, 9, 294.	1.1	16
27	Hypothermia Is Neuroprotective after Severe Hypoxic-Ischaemic Brain Injury in Neonatal Rats Pre-Exposed to PAM3CSK4. <i>Developmental Neuroscience</i> , 2018, 40, 189-197.	1.0	18
28	Hypothermic Neuronal Rescue from Infection-Sensitised Hypoxic-Ischaemic Brain Injury Is Pathogen Dependent. <i>Developmental Neuroscience</i> , 2017, 39, 238-247.	1.0	42
29	Amplitude-Integrated Electroencephalography Improves the Identification of Infants with Encephalopathy for Therapeutic Hypothermia and Predicts Neurodevelopmental Outcomes at 2 Years of Age. <i>Journal of Pediatrics</i> , 2017, 187, 34-42.	0.9	49
30	Reduced infancy and childhood epilepsy following hypothermiaâ€‰treated neonatal encephalopathy. <i>Epilepsia</i> , 2017, 58, 1902-1911.	2.6	47
31	Therapeutic hypothermia translates from ancient history in to practice. <i>Pediatric Research</i> , 2017, 81, 202-209.	1.1	95
32	Neonatal Encephalopathy With Group B Streptococcal Disease Worldwide: Systematic Review, Investigator Group Datasets, and Meta-analysis. <i>Clinical Infectious Diseases</i> , 2017, 65, S173-S189.	2.9	51
33	Heart rate response to therapeutic hypothermia in infants with hypoxicâ€‰ischaemic encephalopathy. <i>Resuscitation</i> , 2016, 106, 53-57.	1.3	9
34	Monitoring of cerebral blood flow during hypoxia-ischemia and resuscitation in the neonatal rat using laser speckle imaging. <i>Physiological Reports</i> , 2016, 4, e12749.	0.7	13
35	Central Nervous System Injury and Temperature Management. <i>Therapeutic Hypothermia and Temperature Management</i> , 2016, 6, 112-115.	0.3	1
36	Treatment temperature and insult severity influence the neuroprotective effects of therapeutic hypothermia. <i>Scientific Reports</i> , 2016, 6, 23430.	1.6	79

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37	Xenon depresses aEEG background voltage activity whilst maintaining cardiovascular stability in sedated healthy newborn pigs. <i>Journal of the Neurological Sciences</i> , 2016, 363, 140-144.	0.3	6
38	Xenon Combined with Therapeutic Hypothermia Is Not Neuroprotective after Severe Hypoxia-Ischemia in Neonatal Rats. <i>PLoS ONE</i> , 2016, 11, e0156759.	1.1	31
39	Neuroprotection after infection-sensitized neonatal hypoxic-ischemic brain injury. <i>Molecular and Cellular Pediatrics</i> , 2015, 2, A11.	1.0	0
40	Less severe cerebral palsy outcomes in infants treated with therapeutic hypothermia. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2015, 104, 1241-1247.	0.7	30
41	Brain imaging in cooled encephalopathic neonates does not differ between four and 11 days after birth. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2015, 104, 752-758.	0.7	17
42	The Feasibility of Using a Portable Xenon Delivery Device to Permit Earlier Xenon Ventilation with Therapeutic Cooling of Neonates During Ambulance Retrieval. <i>Anesthesia and Analgesia</i> , 2015, 120, 1331-1336.	1.1	18
43	The effect of resuscitation in 100% oxygen on brain injury in a newborn rat model of severe hypoxic-ischaemic encephalopathy. <i>Resuscitation</i> , 2015, 96, 214-219.	1.3	8
44	Cooling neonates who do not fulfil the standard cooling criteria - short- and long-term outcomes. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2015, 104, 138-145.	0.7	41
45	Who should we cool after perinatal asphyxia?. <i>Seminars in Fetal and Neonatal Medicine</i> , 2015, 20, 66-71.	1.1	42
46	Respiratory sinus arrhythmia stabilizes mean arterial blood pressure at high-frequency interval in healthy humans. <i>European Journal of Applied Physiology</i> , 2015, 115, 521-530.	1.2	21
47	Hypothermia Does Not Reverse Cellular Responses Caused by Lipopolysaccharide in Neonatal Hypoxic-Ischaemic Brain Injury. <i>Developmental Neuroscience</i> , 2015, 37, 390-397.	1.0	45
48	Adding 5h delayed xenon to delayed hypothermia treatment improves long-term function in neonatal rats surviving to adulthood. <i>Pediatric Research</i> , 2015, 77, 779-783.	1.1	19
49	Neonatal seizures still lack safe and effective treatment. <i>Nature Reviews Neurology</i> , 2015, 11, 311-312.	4.9	22
50	Cooling after perinatal asphyxia. <i>Seminars in Fetal and Neonatal Medicine</i> , 2015, 20, 65.	1.1	6
51	Minimal systemic hypothermia combined with selective head cooling evaluated in a pig model of hypoxia-ischemia. <i>Pediatric Research</i> , 2015, 77, 674-680.	1.1	6
52	Animal studies of neonatal hypothermic neuroprotection have translated well in to practice. <i>Resuscitation</i> , 2015, 97, 88-90.	1.3	39
53	Physiological responses to hypothermia. <i>Seminars in Fetal and Neonatal Medicine</i> , 2015, 20, 87-96.	1.1	73
54	A Newborn Piglet Survival Model of Post-hemorrhagic Ventricular Dilatation (PHVD). <i>NeuroMethods</i> , 2015, , 143-157.	0.2	0

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55	Animal research has been essential to saving babies' lives. <i>BMJ</i> , The, 2014, 348, g4174-g4174.	3.0	4
56	Hypothermia Makes Cerebral Resistance Index a Poor Prognostic Tool in Encephalopathic Newborns. <i>Neonatology</i> , 2014, 106, 17-23.	0.9	27
57	Neonatal seizures: magnetic resonance imaging adds value in the diagnosis and prediction of neurodisability. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2014, 103, 820-826.	0.7	24
58	Effects of Hypothermia for Perinatal Asphyxia on Childhood Outcomes. <i>Obstetrical and Gynecological Survey</i> , 2014, 69, 639-641.	0.2	5
59	Secretions from placenta, after hypoxia/reoxygenation, can damage developing neurones of brain under experimental conditions. <i>Experimental Neurology</i> , 2014, 261, 386-395.	2.0	29
60	Hypothermia is not neuroprotective after infection-sensitized neonatal hypoxic-ischemic brain injury. <i>Resuscitation</i> , 2014, 85, 567-572.	1.3	101
61	Validation of a neuropathology score using quantitative methods to evaluate brain injury in a pig model of hypoxia ischaemia. <i>Journal of Neuroscience Methods</i> , 2014, 230, 30-36.	1.3	13
62	Xenon Ventilation During Therapeutic Hypothermia in Neonatal Encephalopathy: A Feasibility Study. <i>Pediatrics</i> , 2014, 133, 809-818.	1.0	90
63	Effects of Hypothermia for Perinatal Asphyxia on Childhood Outcomes. <i>New England Journal of Medicine</i> , 2014, 371, 140-149.	13.9	567
64	Therapeutic hypothermia delays the C-reactive protein response and suppresses white blood cell and platelet count in infants with neonatal encephalopathy. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2014, 99, F458-F463.	1.4	37
65	Sedation management during therapeutic hypothermia for neonatal encephalopathy: Atropine premedication for endotracheal intubation causes a prolonged increase in heart rate. <i>Resuscitation</i> , 2014, 85, 1394-1398.	1.3	14
66	Equipotent Subanesthetic Concentrations of Sevoflurane and Xenon Preventing Cold-stimulated Vocalization of Neonatal Rats. <i>Anesthesiology</i> , 2014, 121, 1194-1202.	1.3	2
67	Combined Treatment of Xenon and Hypothermia in Newborn Rats - Additive or Synergistic Effect?. <i>PLoS ONE</i> , 2014, 9, e109845.	1.1	23
68	Factors Associated with Permanent Hearing Impairment in Infants Treated with Therapeutic Hypothermia. <i>Journal of Pediatrics</i> , 2013, 163, 995-1000.	0.9	23
69	Comparison of Bayley-2 and Bayley-3 scores at 18 months in term infants following neonatal encephalopathy and therapeutic hypothermia. <i>Developmental Medicine and Child Neurology</i> , 2013, 55, 1053-1059.	1.1	78
70	Effect of cardiac compressions and hypothermia treatment on cardiac troponin I in newborns with perinatal asphyxia. <i>Resuscitation</i> , 2013, 84, 1562-1567.	1.3	25
71	Brain wave recovery predicts outcome after cardiac arrest. <i>Resuscitation</i> , 2013, 84, 145-146.	1.3	3
72	Effects of Xenon and Hypothermia on Cerebrovascular Pressure Reactivity in Newborn Global Hypoxic-ischemic Pig Model. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013, 33, 1752-1760.	2.4	14

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73	Time Is Brain: Starting Therapeutic Hypothermia within Three Hours after Birth Improves Motor Outcome in Asphyxiated Newborns. <i>Neonatology</i> , 2013, 104, 228-233.	0.9	193
74	Minimum alveolar concentration (MAC) for sevoflurane and xenon at normothermia and hypothermia in newborn pigs. <i>Acta Anaesthesiologica Scandinavica</i> , 2013, 57, 646-653.	0.7	14
75	G172 Neonatal Seizures: The Utility of Magnetic Resonance Imaging in Diagnosis and Prediction of Neurodisability. <i>Archives of Disease in Childhood</i> , 2013, 98, A79-A79.	1.0	0
76	Neither Xenon nor Fentanyl Induces Neuroapoptosis in the Newborn Pig Brain. <i>Anesthesiology</i> , 2013, 119, 345-357.	1.3	33
77	Cardiac stroke volume predicts progressive central hypovolemia by three different non-invasive methods. <i>FASEB Journal</i> , 2013, 27, 1193.1.	0.2	0
78	Resuscitation with 100% oxygen increases injury and counteracts the neuroprotective effect of therapeutic hypothermia in the neonatal rat. <i>Pediatric Research</i> , 2012, 71, 247-252.	1.1	33
79	Combined effect of hypothermia and caspase-2 gene deficiency on neonatal hypoxic-ischemic brain injury. <i>Pediatric Research</i> , 2012, 71, 566-572.	1.1	28
80	Seven- to eight-year follow-up of the CoolCap trial of head cooling for neonatal encephalopathy. <i>Pediatric Research</i> , 2012, 71, 205-209.	1.1	151
81	Early deterioration of cerebrospinal fluid dynamics in a neonatal piglet model of intraventricular hemorrhage and posthemorrhagic ventricular dilation. <i>Journal of Neurosurgery: Pediatrics</i> , 2012, 10, 529-537.	0.8	18
82	Lactate dehydrogenase in hypothermia-treated newborn infants with hypoxic-ischaemic encephalopathy. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2012, 101, 1038-1044.	0.7	32
83	Immediate Hypothermia Is Not Neuroprotective After Severe Hypoxia-Ischemia and Is Deleterious When Delayed by 12 Hours in Neonatal Rats. <i>Stroke</i> , 2012, 43, 3364-3370.	1.0	119
84	Increased Inspired Oxygen in the First Hours of Life is Associated with Adverse Outcome in Newborns Treated for Perinatal Asphyxia with Therapeutic Hypothermia. <i>Journal of Pediatrics</i> , 2012, 161, 409-416.	0.9	32
85	Xenon offers stable haemodynamics independent of induced hypothermia after hypoxia-ischaemia in newborn pigs. <i>Intensive Care Medicine</i> , 2012, 38, 316-323.	3.9	25
86	Xenon offers stable haemodynamics after global hypoxic-ischaemia in newborn pigs. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2011, 96, Fa6-Fa6.	1.4	0
87	Comparison of Conventional Cerebral MRI (CMRI) at Day 4 and 10 after Perinatal Hypoxic-Ischemic Encephalopathy Treated with Hypothermia. <i>Pediatric Research</i> , 2011, 70, 213-213.	1.1	2
88	Hypocarbia Soon after Birth is not Associated with Poor Outcome in Infants Treated with Therapeutic Hypothermia after Perinatal Asphyxia. <i>Pediatric Research</i> , 2011, 70, 347-347.	1.1	0
89	Neonatal rat model of intraventricular haemorrhage and post-haemorrhagic ventricular dilatation with long-term survival into adulthood. <i>Neuropathology and Applied Neurobiology</i> , 2011, 37, 156-165.	1.8	23
90	Environmental cooling of the newborn pig brain during whole-body cooling. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2011, 100, 29-35.	0.7	2

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91	Cerebral Resistance Index is less predictive in hypothermic encephalopathic newborns. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2011, 100, 1344-1349.	0.7	57
92	Hypothermia after Perinatal Asphyxia: Selection for Treatment and Cooling Protocol. <i>Journal of Pediatrics</i> , 2011, 158, e45-e49.	0.9	47
93	Hypothermia and Other Treatment Options for Neonatal Encephalopathy: An Executive Summary of the Eunice Kennedy Shriver NICHD Workshop. <i>Journal of Pediatrics</i> , 2011, 159, 851-858.e1.	0.9	189
94	Preliminary evaluation of a novel intraparenchymal capacitive intracranial pressure monitor. <i>Journal of Neurosurgery</i> , 2011, 115, 561-569.	0.9	14
95	Immediate Hypothermia Reduces Cardiac Troponin I After Hypoxic-Ischemic Encephalopathy in Newborn Pigs. <i>Pediatric Research</i> , 2011, 70, 352-356.	1.1	29
96	Decorin and Colchicine as Potential Treatments for Post-Haemorrhagic Ventricular Dilatation in a Neonatal Rat Model. <i>Neonatology</i> , 2011, 100, 271-276.	0.9	9
97	Moderate Hypothermia to Treat Perinatal Asphyxial Encephalopathy. <i>Obstetric Anesthesia Digest</i> , 2010, 30, 169-170.	0.0	29
98	Assessment of brain tissue injury after moderate hypothermia in neonates with hypoxic ischaemic encephalopathy: a nested substudy of a randomised controlled trial. <i>Lancet Neurology</i> , The, 2010, 9, 39-45.	4.9	464
99	Lactate dehydrogenase predicts hypoxic ischaemic encephalopathy in newborn infants: a preliminary study. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2010, 99, 1139-1144.	0.7	51
100	Xenon enhances hypothermic neuroprotection in asphyxiated newborn pigs. <i>Annals of Neurology</i> , 2010, 68, 330-341.	2.8	130
101	Effect of Hypothermia on Amplitude-Integrated Electroencephalogram in Infants With Asphyxia. <i>Pediatrics</i> , 2010, 126, e131-e139.	1.0	352
102	A Comparison of Cooling Methods Used in Therapeutic Hypothermia for Perinatal Asphyxia. <i>Pediatrics</i> , 2010, 126, e124-e130.	1.0	47
103	Patient selection and prognostication with hypothermia treatment. <i>Seminars in Fetal and Neonatal Medicine</i> , 2010, 15, 247-252.	1.1	24
104	Neurological outcomes at 18 months of age after moderate hypothermia for perinatal hypoxic ischaemic encephalopathy: synthesis and meta-analysis of trial data. <i>BMJ: British Medical Journal</i> , 2010, 340, c363-c363.	2.4	765
105	Treatment of asphyxiated newborns with moderate hypothermia in routine clinical practice: how cooling is managed in the UK outside a clinical trial. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2009, 94, F260-F264.	1.4	105
106	Liver Enzymes Cannot Be Used to Predict Liver Damage after Global Hypoxia-Ischemia in a Neonatal Pig Model. <i>Neonatology</i> , 2009, 96, 211-218.	0.9	8
107	Development of Amplitude-Integrated Electroencephalography and Interburst Interval in the Rat. <i>Pediatric Research</i> , 2009, 65, 62-66.	1.1	47
108	Does Head Cooling With Mild Systemic Hypothermia Affect Requirement for Blood Pressure Support?. <i>Pediatrics</i> , 2009, 123, 1031-1036.	1.0	46

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109	Serum Gentamicin Concentrations in Encephalopathic Infants are Not Affected by Therapeutic Hypothermia. <i>Pediatrics</i> , 2009, 124, 310-315.	1.0	59
110	Therapeutic hypothermia: surgical infant with neonatal encephalopathy. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2009, 98, 1844-1846.	0.7	5
111	Cooling Combined with Immediate or Delayed Xenon Inhalation Provides Equivalent Long-Term Neuroprotection after Neonatal Hypoxia-Ischemia. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2009, 29, 707-714.	2.4	146
112	Moderate Hypothermia to Treat Perinatal Asphyxial Encephalopathy. <i>New England Journal of Medicine</i> , 2009, 361, 1349-1358.	13.9	1,471
113	A Closed-Circuit Neonatal Xenon Delivery System: A Technical and Practical Neuroprotection Feasibility Study in Newborn Pigs. <i>Anesthesia and Analgesia</i> , 2009, 109, 451-460.	1.1	48
114	Analysis of Neuronal, Glial, Endothelial, Axonal and Apoptotic Markers Following Moderate Therapeutic Hypothermia and Anesthesia in the Developing Piglet Brain. <i>Brain Pathology</i> , 2008, 18, 10-20.	2.1	43
115	The TOBY Study. Whole body hypothermia for the treatment of perinatal asphyxial encephalopathy: A randomised controlled trial. <i>BMC Pediatrics</i> , 2008, 8, 17.	0.7	278
116	Do drugs that block transforming growth factor beta reduce posthaemorrhagic ventricular dilatation in a neonatal rat model?. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2008, 97, 1181-1186.	0.7	27
117	Therapeutic Hypothermia Changes the Prognostic Value of Clinical Evaluation of Neonatal Encephalopathy. <i>Journal of Pediatrics</i> , 2008, 152, 55-58.e1.	0.9	144
118	Supportive Care During Neuroprotective Hypothermia in the Term Newborn: Adverse Effects and Their Prevention. <i>Clinics in Perinatology</i> , 2008, 35, 749-763.	0.8	70
119	Xenon and Hypothermia Combine Additively, Offering Long-Term Functional and Histopathologic Neuroprotection After Neonatal Hypoxia/Ischemia. <i>Stroke</i> , 2008, 39, 1307-1313.	1.0	218
120	Delayed Hypothermia as Selective Head Cooling or Whole Body Cooling Does Not Protect Brain or Body in Newborn Pig Subjected to Hypoxia-Ischemia. <i>Pediatric Research</i> , 2008, 64, 74-80.	1.1	58
121	Xenon/Hypothermia Neuroprotection Regimes in Spontaneously Breathing Neonatal Rats After Hypoxic-Ischemic Insult: The Respiratory and Sedative Effects. <i>Anesthesia and Analgesia</i> , 2008, 106, 916-923.	1.1	28
122	A neonatal piglet model of intraventricular hemorrhage and posthemorrhagic ventricular dilation. <i>Journal of Neurosurgery: Pediatrics</i> , 2007, 107, 126-136.	0.8	26
123	Randomized Clinical Trial of Prevention of Hydrocephalus After Intraventricular Hemorrhage in Preterm Infants: Brain-Washing Versus Tapping Fluid. <i>Pediatrics</i> , 2007, 119, e1071-e1078.	1.0	150
124	Determinants of Outcomes After Head Cooling for Neonatal Encephalopathy. <i>Pediatrics</i> , 2007, 119, 912-921.	1.0	308
125	Hypothermia and perinatal asphyxia: Executive summary of the National Institute of Child Health and Human Development workshop. <i>Journal of Pediatrics</i> , 2006, 148, 170-175.e1.	0.9	173
126	Translational Stroke Research in the Developing Brain. <i>Pediatric Neurology</i> , 2006, 34, 459-463.	1.0	16



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127	Hypothermic neuroprotection. <i>NeuroRx</i> , 2006, 3, 154-169.	6.0	210
128	Xenon Provides Short-Term Neuroprotection in Neonatal Rats When Administered After Hypoxia-Ischemia. <i>Stroke</i> , 2006, 37, 501-506.	1.0	203
129	Does Oxygen Concentration Used for Resuscitation Influence Outcome of Asphyxiated Newly Born Infants Treated With Hypothermia?: In Reply. <i>Pediatrics</i> , 2006, 117, 2328-2328.	1.0	0
130	Hypothermic neuroprotection. <i>Neurotherapeutics</i> , 2006, 3, 154-169.	2.1	1
131	Therapeutic hypothermia for hypoxic-ischaemic encephalopathy in the newborn infant: review. <i>Current Opinion in Neurology</i> , 2005, 18, 111-116.	1.8	65
132	Significant head cooling can be achieved while maintaining normothermia in the newborn piglet. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2005, 90, F262-f266.	1.4	37
133	Selective head cooling with mild systemic hypothermia after neonatal encephalopathy: multicentre randomised trial. <i>Lancet, The</i> , 2005, 365, 663-670.	6.3	1,827
134	Mild Hypothermia and the Distribution of Cerebral Lesions in Neonates With Hypoxic-Ischemic Encephalopathy. <i>Pediatrics</i> , 2005, 116, 1001-1006.	1.0	191
135	Selective head cooling with mild systemic hypothermia after neonatal encephalopathy: multicentre randomised trial. <i>Lancet, The</i> , 2005, 365, 663-670.	6.3	1,569
136	Head cooling with mild systemic hypothermia in anesthetized piglets is neuroprotective. <i>Annals of Neurology</i> , 2003, 53, 65-72.	2.8	162
137	Effects of Hypothermia on Energy Metabolism in Mammalian Central Nervous System. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2003, 23, 513-530.	2.4	414
138	Cardiac output, pulmonary artery pressure, and patent ductus arteriosus during therapeutic cooling after global hypoxia-ischaemia. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2003, 88, 223F-228.	1.4	14
139	Posthemorrhagic Ventricular Dilation in the Neonate: Development and Characterization of a Rat Model. <i>Journal of Neuropathology and Experimental Neurology</i> , 2003, 62, 292-303.	0.9	59
140	Significant Selective Head Cooling Can be Maintained Long-Term After Global Hypoxia Ischemia in Newborn Piglets. <i>Pediatrics</i> , 2002, 109, 643-649.	1.0	46
141	Twenty-Four Hours of Mild Hypothermia in Unsedated Newborn Pigs Starting after a Severe Global Hypoxic-Ischemic Insult Is Not Neuroprotective. <i>Pediatric Research</i> , 2001, 50, 405-411.	1.1	170
142	Effective Selective Head Cooling during Posthypoxic Hypothermia in Newborn Piglets. <i>Pediatric Research</i> , 2001, 49, 594-599.	1.1	85
143	Brain-specific proteins in the cerebrospinal fluid of severely asphyxiated newborn infants. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2001, 90, 1171-1175.	0.7	95
144	Clinical experience with therapeutic hypothermia in asphyxiated infants. <i>Developmental Medicine and Child Neurology</i> , 2001, 43, 30-31.	1.1	1

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145	Cardiovascular Changes During Mild Therapeutic Hypothermia and Rewarming in Infants With Hypoxic-Ischemic Encephalopathy. <i>Pediatrics</i> , 2000, 106, 92-99.	1.0	316
146	Cooling the asphyxiated brain – ready for clinical trials?. <i>European Journal of Pediatrics</i> , 1999, 158, S5-S8.	1.3	11
147	Cardiac function and morphology studied by two-dimensional doppler echocardiography in unsedated newborn pigs. <i>Experimental Physiology</i> , 1999, 84, 69-78.	0.9	22
148	Protective Effects of Moderate Hypothermia after Neonatal Hypoxia-Ischemia: Short- and Long-Term Outcome. <i>Pediatric Research</i> , 1998, 43, 738-745.	1.1	301
149	Post-Hypoxic-Ischemic (H-I) Hypothermia (Ht) Reduces Necrosis and Apoptosis Correspondingly in the Newborn Rat However Restraint Stress Ameliorates Neuroprotection. <i>Pediatric Research</i> , 1998, 44, 421-421.	1.1	3
150	Lactate and Pyruvate Changes in the Cerebral Gray and White Matter during Posthypoxic Seizures in Newborn Pigs. <i>Pediatric Research</i> , 1998, 44, 746-754.	1.1	33
151	Post-hypoxic hypothermia reduces cerebrocortical release of NO and excitotoxins. <i>NeuroReport</i> , 1997, 8, 3359-3362.	0.6	180
152	Keeping a cool head, post-hypoxic hypothermia – an old idea revisited. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 1997, 86, 1029-1033.	0.7	69
153	Posthypoxic Hypothermia in Newborn Piglets. <i>Pediatric Research</i> , 1997, 41, 505-512.	1.1	134
154	Mild Hypothermia after Severe Transient Hypoxia-Ischemia Reduces the Delayed Rise in Cerebral Lactate in the Newborn Piglet. <i>Pediatric Research</i> , 1997, 41, 803-808.	1.1	82
155	The stress of being restrained reduces brain damage after a hypoxic-ischaemic insult in the 7-day-old rat. <i>NeuroReport</i> , 1996, 7, 481-484.	0.6	43
156	Posthypoxic cooling of neonatal rats provides protection against brain injury.. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 1996, 74, F3-F9.	1.4	215
157	Cerebral, tympanic and colonic thermometry in the piglet. <i>Reproduction, Fertility and Development</i> , 1996, 8, 125.	0.1	19
158	A Piglet Survival Model of Posthypoxic Encephalopathy. <i>Pediatric Research</i> , 1996, 40, 738-748.	1.1	137
159	Postnatal development of the cerebral blood flow velocity response to changes in CO <sub>2</sub> and mean arterial blood pressure in the piglet. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 1995, 84, 1414-1420.	0.7	18
160	Mild Hypothermia after Severe Transient Hypoxia-Ischemia Ameliorates Delayed Cerebral Energy Failure in the Newborn Piglet. <i>Pediatric Research</i> , 1995, 37, 667-670.	1.1	368
161	Specific Inhibition of Apoptosis after Cerebral Hypoxia-Ischemia by Moderate Post-Insult Hypothermia. <i>Biochemical and Biophysical Research Communications</i> , 1995, 217, 1193-1199.	1.0	272
162	Cerebral Doppler and misrepresentation of flow changes. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 1994, 71, F103-F106.	1.4	19

#	ARTICLE	IF	CITATIONS
163	Arm and leg blood pressures " are they really so different in newborns?. Early Human Development, 1991, 26, 203-211.	0.8	9
164	Changes in human cerebral blood flow due to step changes in $P_{AO2}$ and $P_{ACO2}$ . Acta Physiologica Scandinavica, 1987, 129, 157-163.	2.3	108
165	Changes in Superior Sagittal Sinus Blood Velocities Due to Postural Alterations and Pressure on the Head of the Newborn Infant. Pediatrics, 1985, 75, 1038-1047.	1.0	72
166	Ultrasound study of the cranial venous system in the human newborn infant and the adult. Acta Physiologica Scandinavica, 1983, 117, 131-137.	2.3	27
167	Acute effects of acetazolamide on cerebral blood flow in man. Acta Physiologica Scandinavica, 1983, 117, 233-239.	2.3	145
168	Blood flow in arteries determined transcutaneously by an ultrasonic doppler velocimeter as compared to electromagnetic measurements on the exposed vessels. Acta Physiologica Scandinavica, 1980, 109, 211-216.	2.3	53
169	Skin blood flow in humans as a function of environmental temperature measured by ultrasound. Acta Physiologica Scandinavica, 1980, 109, 333-341.	2.3	85
170	Changes in cerebral blood flow during hyperventilation and $CO_2$ breathing measured transcutaneously in humans by a bidirectional, pulsed, ultrasound doppler blood velocimeter. Acta Physiologica Scandinavica, 1980, 110, 167-173.	2.3	99
171	Clinical assessment and therapeutic interventions for hypoxic-ischemic encephalopathy in the full-term infant. , 0, , 281-300.		1
172	Protein Intake and the Risk of Pre-Frailty and Frailty in Norwegian Older Adults. The TromsÅ, Study 1994-2016. Journal of Frailty & Aging,the, 0, , 1.	0.8	1