Marianne Thoresen

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6996557/publications.pdf

Version: 2024-02-01

172	16,814	28242 55	15249 126
papers	citations	h-index	g-index

180	180	180	6612
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Selective head cooling with mild systemic hypothermia after neonatal encephalopathy: multicentre randomised trial. Lancet, The, 2005, 365, 663-670.	6.3	1,827
2	Selective head cooling with mild systemic hypothermia after neonatal encephalopathy: multicentre randomised trial. Lancet, The, 2005, 365, 663-670.	6.3	1,569
3	Moderate Hypothermia to Treat Perinatal Asphyxial Encephalopathy. New England Journal of Medicine, 2009, 361, 1349-1358.	13.9	1,471
4	Neurological outcomes at 18 months of age after moderate hypothermia for perinatal hypoxic ischaemic encephalopathy: synthesis and meta-analysis of trial data. BMJ: British Medical Journal, 2010, 340, c363-c363.	2.4	765
5	Effects of Hypothermia for Perinatal Asphyxia on Childhood Outcomes. New England Journal of Medicine, 2014, 371, 140-149.	13.9	567
6	Assessment of brain tissue injury after moderate hypothermia in neonates with hypoxicâ€“ischaemic encephalopathy: a nested substudy of a randomised controlled trial. Lancet Neurology, The, 2010, 9, 39-45.	4.9	464
7	Effects of Hypothermia on Energy Metabolism in Mammalian Central Nervous System. Journal of Cerebral Blood Flow and Metabolism, 2003, 23, 513-530.	2.4	414
8	Mild Hypothermia after Severe Transient Hypoxia-Ischemia Ameliorates Delayed Cerebral Energy Failure in the Newborn Piglet. Pediatric Research, 1995, 37, 667-670.	1.1	368
9	Effect of Hypothermia on Amplitude-Integrated Electroencephalogram in Infants With Asphyxia. Pediatrics, 2010, 126, e131-e139.	1.0	352
10	Cardiovascular Changes During Mild Therapeutic Hypothermia and Rewarming in Infants With Hypoxicâ€“Ischemic Encephalopathy. Pediatrics, 2000, 106, 92-99.	1.0	316
11	Determinants of Outcomes After Head Cooling for Neonatal Encephalopathy. Pediatrics, 2007, 119, 912-921.	1.0	308
12	Protective Effects of Moderate Hypothermia after Neonatal Hypoxia-Ischemia: Short- and Long-Term Outcome. Pediatric Research, 1998, 43, 738-745.	1.1	301
13	The TOBY Study. Whole body hypothermia for the treatment of perinatal asphyxial encephalopathy: A randomised controlled trial. BMC Pediatrics, 2008, 8, 17.	0.7	278
14	Specific Inhibition of Apoptosis after Cerebral Hypoxia-Ischemia by Moderate Post-Insult Hypothermia. Biochemical and Biophysical Research Communications, 1995, 217, 1193-1199.	1.0	272
15	Xenon and Hypothermia Combine Additively, Offering Long-Term Functional and Histopathologic Neuroprotection After Neonatal Hypoxia/Ischemia. Stroke, 2008, 39, 1307-1313.	1.0	218
16	Posthypoxic cooling of neonatal rats provides protection against brain injury.. Archives of Disease in Childhood: Fetal and Neonatal Edition, 1996, 74, F3-F9.	1.4	215
17	Hypothermic neuroprotection. NeuroRx, 2006, 3, 154-169.	6.0	210
18	Xenon Provides Short-Term Neuroprotection in Neonatal Rats When Administered After Hypoxia-Ischemia. Stroke, 2006, 37, 501-506.	1.0	203

#	Article	IF	Citations
19	Time Is Brain: Starting Therapeutic Hypothermia within Three Hours after Birth Improves Motor Outcome in Asphyxiated Newborns. Neonatology, 2013, 104, 228-233.	0.9	193
20	Mild Hypothermia and the Distribution of Cerebral Lesions in Neonates With Hypoxic-Ischemic Encephalopathy. Pediatrics, 2005, 116, 1001-1006.	1.0	191
21	Hypothermia and Other Treatment Options for Neonatal Encephalopathy: An Executive Summary of the Eunice Kennedy Shriver NICHD Workshop. Journal of Pediatrics, 2011, 159, 851-858.e1.	0.9	189
22	Post-hypoxic hypothermia reduces cerebrocortical release of NO and excitotoxins. NeuroReport, 1997, 8, 3359-3362.	0.6	180
23	Hypothermia and perinatal asphyxia: Executive summary of the National Institute of Child Health and Human Development workshop. Journal of Pediatrics, 2006, 148, 170-175.e1.	0.9	173
24	Twenty-Four Hours of Mild Hypothermia in Unsedated Newborn Pigs Starting after a Severe Global Hypoxic-Ischemic Insult Is Not Neuroprotective. Pediatric Research, 2001, 50, 405-411.	1.1	170
25	Head cooling with mild systemic hypothermia in anesthetized piglets is neuroprotective. Annals of Neurology, 2003, 53, 65-72.	2.8	162
26	Seven- to eight-year follow-up of the CoolCap trial of head cooling for neonatal encephalopathy. Pediatric Research, 2012, 71, 205-209.	1.1	151
27	Randomized Clinical Trial of Prevention of Hydrocephalus After Intraventricular Hemorrhage in Preterm Infants: Brain-Washing Versus Tapping Fluid. Pediatrics, 2007, 119, e1071-e1078.	1.0	150
28	Cooling Combined with Immediate or Delayed Xenon Inhalation Provides Equivalent Long-Term Neuroprotection after Neonatal Hypoxiaâ€"Ischemia. Journal of Cerebral Blood Flow and Metabolism, 2009, 29, 707-714.	2.4	146
29	Acute effects of acetazolamide on cerbral blood flow in man. Acta Physiologica Scandinavica, 1983, 117, 233-239.	2.3	145
30	Therapeutic Hypothermia Changes the Prognostic Value of Clinical Evaluation of Neonatal Encephalopathy. Journal of Pediatrics, 2008, 152, 55-58.e1.	0.9	144
31	A Piglet Survival Model of Posthypoxic Encephalopathy. Pediatric Research, 1996, 40, 738-748.	1.1	137
32	Posthypoxic Hypothermia in Newborn Piglets. Pediatric Research, 1997, 41, 505-512.	1.1	134
33	Xenon enhances hypothermic neuroprotection in asphyxiated newborn pigs. Annals of Neurology, 2010, 68, 330-341.	2.8	130
34	Immediate Hypothermia Is Not Neuroprotective After Severe Hypoxia-Ischemia and Is Deleterious When Delayed by 12 Hours in Neonatal Rats. Stroke, 2012, 43, 3364-3370.	1.0	119
35	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
36	Treatment of asphyxiated newborns with moderate hypothermia in routine clinical practice: how cooling is managed in the UK outside a clinical trial. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2009, 94, F260-F264.	1.4	105

#	Article	IF	Citations
37	Hypothermia is not neuroprotective after infection-sensitized neonatal hypoxicâ€“ischemic brain injury. Resuscitation, 2014, 85, 567-572.	1.3	101
38	Changes in cerebral blood flow during hyperventilation and CO‹sub›2â€‹/sub›breathing measured transcutaneously in humans by a bidirectional, pulsed, ultrasound doppler blood velocitymeter. Acta Physiologica Scandinavica, 1980, 110, 167-173.	2.3	99
39	Brainâ€specific proteins in the cerebrospinal fluid of severely asphyxiated newborn infants. Acta Paediatrica, International Journal of Paediatrics, 2001, 90, 1171-1175.	0.7	95
40	Therapeutic hypothermia translates from ancient history in to practice. Pediatric Research, 2017, 81, 202-209.	1.1	95
41	Therapeutic Hypothermia in Neonatal Hypoxic-Ischemic Encephalopathy. Current Neurology and Neuroscience Reports, 2019, 19, 2.	2.0	91
42	Xenon Ventilation During Therapeutic Hypothermia in Neonatal Encephalopathy: A Feasibility Study. Pediatrics, 2014, 133, 809-818.	1.0	90
43	Skin blood flow in humans as a function of environmental temperature measured by ultrasound. Acta Physiologica Scandinavica, 1980, 109, 333-341.	2.3	85
44	Effective Selective Head Cooling during Posthypoxic Hypothermia in Newborn Piglets. Pediatric Research, 2001, 49, 594-599.	1.1	85
45	Mild Hypothermia after Severe Transient Hypoxia-Ischemia Reduces the Delayed Rise in Cerebral Lactate in the Newborn Piglet. Pediatric Research, 1997, 41, 803-808.	1.1	82
46	Treatment temperature and insult severity influence the neuroprotective effects of therapeutic hypothermia. Scientific Reports, 2016, 6, 23430.	1.6	79
47	Comparison of ‹scp›B‹/scp›ayleyâ€2 and ‹scp›B‹/scp›ayleyâ€3 scores at 18Âmonths in term infants following neonatal encephalopathy and therapeutic hypothermia. Developmental Medicine and Child Neurology, 2013, 55, 1053-1059.	1.1	78
48	Physiological responses to hypothermia. Seminars in Fetal and Neonatal Medicine, 2015, 20, 87-96.	1.1	73
49	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
50	Supportive Care During Neuroprotective Hypothermia in the Term Newborn: Adverse Effects and Their Prevention. Clinics in Perinatology, 2008, 35, 749-763.	0.8	70
51	Keeping a cool head, post-hypoxic hypothermiaâ€an old idea revisited. Acta Paediatrica, International Journal of Paediatrics, 1997, 86, 1029-1033.	0.7	69
52	Therapeutic hypothermia for hypoxicâ€ischaemic encephalopathy in the newborn infant: review. Current Opinion in Neurology, 2005, 18, 111-116.	1.8	65
53	Neonatal encephalopathy and hypoxicâ€ischemic encephalopathy. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2019, 162, 217-237.	1.0	65
54	Posthemorrhagic Ventricular Dilation in the Neonate: Development and Characterization of a Rat Model. Journal of Neuropathology and Experimental Neurology, 2003, 62, 292-303.	0.9	59

#	Article	IF	Citations
55	Serum Gentamicin Concentrations in Encephalopathic Infants are Not Affected by Therapeutic Hypothermia. Pediatrics, 2009, 124, 310-315.	1.0	59
56	School-age outcomes of children without cerebral palsy cooled for neonatal hypoxicâ€“ischaemic encephalopathy in 2008â€“2010. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2020, 105, 8-13.	1.4	59
57	Delayed Hypothermia as Selective Head Cooling or Whole Body Cooling Does Not Protect Brain or Body in Newborn Pig Subjected to Hypoxia-Ischemia. Pediatric Research, 2008, 64, 74-80.	1.1	58
58	Cerebral Resistance Index is less predictive in hypothermic encephalopathic newborns. Acta Paediatrica, International Journal of Paediatrics, 2011, 100, 1344-1349.	0.7	57
59	Blood flow in arteries determined transcutaneously by an ultrasonic doppler velocitymeter as compared to electromagnetic measurements on the exposed vessels. Acta Physiologica Scandinavica, 1980, 109, 211-216.	2.3	53
60	Lactate dehydrogenase predicts hypoxic ischaemic encephalopathy in newborn infants: a preliminary study. Acta Paediatrica, International Journal of Paediatrics, 2010, 99, 1139-1144.	0.7	51
61	Neonatal Encephalopathy With Group B Streptococcal Disease Worldwide: Systematic Review, Investigator Group Datasets, and Meta-analysis. Clinical Infectious Diseases, 2017, 65, S173-S189.	2.9	51
62	Amplitude-Integrated Electroencephalography Improves the Identification of Infants with Encephalopathy for Therapeutic Hypothermia and Predicts Neurodevelopmental Outcomes at 2 Years of Age. Journal of Pediatrics, 2017, 187, 34-42.	0.9	49
63	A Closed-Circuit Neonatal Xenon Delivery System: A Technical and Practical Neuroprotection Feasibility Study in Newborn Pigs. Anesthesia and Analgesia, 2009, 109, 451-460.	1.1	48
64	Development of Amplitude-Integrated Electroencephalography and Interburst Interval in the Rat. Pediatric Research, 2009, 65, 62-66.	1.1	47
65	A Comparison of Cooling Methods Used in Therapeutic Hypothermia for Perinatal Asphyxia. Pediatrics, 2010, 126, e124-e130.	1.0	47
66	Hypothermia after Perinatal Asphyxia: Selection for Treatment and Cooling Protocol. Journal of Pediatrics, 2011, 158, e45-e49.	0.9	47
67	Reduced infancy and childhood epilepsy following hypothermiaâ€treated neonatal encephalopathy. Epilepsia, 2017, 58, 1902-1911.	2.6	47
68	Significant Selective Head Cooling Can be Maintained Long-Term After Global Hypoxia Ischemia in Newborn Piglets. Pediatrics, 2002, 109, 643-649.	1.0	46
69	Does Head Cooling With Mild Systemic Hypothermia Affect Requirement for Blood Pressure Support?. Pediatrics, 2009, 123, 1031-1036.	1.0	46
70	Should therapeutic hypothermia be offered to babies with mild neonatal encephalopathy in the first 6â€‰h after birth?. Pediatric Research, 2019, 85, 442-448.	1.1	46
71	Hypothermia Does Not Reverse Cellular Responses Caused by Lipopolysaccharide in Neonatal Hypoxic-Ischaemic Brain Injury. Developmental Neuroscience, 2015, 37, 390-397.	1.0	45
72	The stress of being restrained reduces brain damage after a hypoxic-ischaemic insult in the 7-day-old rat. NeuroReport, 1996, 7, 481-484.	0.6	43

#	Article	IF	Citations
73	Analysis of Neuronal, Glial, Endothelial, Axonal and Apoptotic Markers Following Moderate Therapeutic Hypothermia and Anesthesia in the Developing Piglet Brain. Brain Pathology, 2008, 18, 10-20.	2.1	43
74	Who should we cool after perinatal asphyxia?. Seminars in Fetal and Neonatal Medicine, 2015, 20, 66-71.	1.1	42
75	Hypothermic Neuronal Rescue from Infection-Sensitised Hypoxic-Ischaemic Brain Injury Is Pathogen Dependent. Developmental Neuroscience, 2017, 39, 238-247.	1.0	42
76	Cooling neonates who do not fulfil the standard cooling criteria - short- and long-term outcomes. Acta Paediatrica, International Journal of Paediatrics, 2015, 104, 138-145.	0.7	41
77	Animal studies of neonatal hypothermic neuroprotection have translated well in to practice. Resuscitation, 2015, 97, 88-90.	1.3	39
78	Significant head cooling can be achieved while maintaining normothermia in the newborn piglet. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2005, 90, F262-f266.	1.4	37
79	Therapeutic hypothermia delays the C-reactive protein response and suppresses white blood cell and platelet count in infants with neonatal encephalopathy. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2014, 99, F458-F463.	1.4	37
80	Resuscitation with 100% oxygen increases injury and counteracts the neuroprotective effect of therapeutic hypothermia in the neonatal rat. Pediatric Research, 2012, 71, 247-252.	1.1	33
81	Neither Xenon nor Fentanyl Induces Neuroapoptosis in the Newborn Pig Brain. Anesthesiology, 2013, 119, 345-357.	1.3	33
82	Lactate and Pyruvate Changes in the Cerebral Gray and White Matter during Posthypoxic Seizures in Newborn Pigs. Pediatric Research, 1998, 44, 746-754.	1.1	33
83	Lactate dehydrogenase in hypothermiaâ€treated newborn infants with hypoxicâ€ischaemic encephalopathy. Acta Paediatrica, International Journal of Paediatrics, 2012, 101, 1038-1044.	0.7	32
84	Increased Inspired Oxygen in the First Hours of Life is Associated with Adverse Outcome in Newborns Treated for Perinatal Asphyxia with Therapeutic Hypothermia. Journal of Pediatrics, 2012, 161, 409-416.	0.9	32
85	Variability and sex-dependence of hypothermic neuroprotection in a rat model of neonatal hypoxicâ€“ischaemic brain injury: a single laboratory meta-analysis. Scientific Reports, 2020, 10, 10833.	1.6	32
86	Xenon Combined with Therapeutic Hypothermia Is Not Neuroprotective after Severe Hypoxia-Ischemia in Neonatal Rats. PLoS ONE, 2016, 11, e0156759.	1.1	31
87	Less severe cerebral palsy outcomes in infants treated with therapeutic hypothermia. Acta Paediatrica, International Journal of Paediatrics, 2015, 104, 1241-1247.	0.7	30
88	Motor performance and cognitive correlates in children cooled for neonatal encephalopathy without cerebral palsy at school age. Acta Paediatrica, International Journal of Paediatrics, 2019, 108, 1773-1780.	0.7	30
89	Moderate Hypothermia to Treat Perinatal Asphyxial Encephalopathy. Obstetric Anesthesia Digest, 2010, 30, 169-170.	0.0	29
90	Immediate Hypothermia Reduces Cardiac Troponin I After Hypoxic-Ischemic Encephalopathy in Newborn Pigs. Pediatric Research, 2011, 70, 352-356.	1.1	29

#	Article	IF	Citations
91	Secretions from placenta, after hypoxia/reoxygenation, can damage developing neurones of brain under experimental conditions. Experimental Neurology, 2014, 261, 386-395.	2.0	29
92	Xenon/Hypothermia Neuroprotection Regimes in Spontaneously Breathing Neonatal Rats After Hypoxic-Ischemic Insult: The Respiratory and Sedative Effects. Anesthesia and Analgesia, 2008, 106, 916-923.	1.1	28
93	Combined effect of hypothermia and caspase-2 gene deficiency on neonatal hypoxicâ€“ischemic brain injury. Pediatric Research, 2012, 71, 566-572.	1.1	28
94	Neonatal Systemic Inflammation Induces Inflammatory Reactions and Brain Apoptosis in a Pathogen-Specific Manner. Neonatology, 2018, 113, 212-220.	0.9	28
95	Ultrasound study of the cranial venous system in the human newâ€born infant and the adult. Acta Physiologica Scandinavica, 1983, 117, 131-137.	2.3	27
96	Do drugs that block transforming growth factor beta reduce posthaemorrhagic ventricular dilatation in a neonatal rat model?. Acta Paediatrica, International Journal of Paediatrics, 2008, 97, 1181-1186.	0.7	27
97	Hypothermia Makes Cerebral Resistance Index a Poor Prognostic Tool in Encephalopathic Newborns. Neonatology, 2014, 106, 17-23.	0.9	27
98	A neonatal piglet model of intraventricular hemorrhage and posthemorrhagic ventricular dilation. Journal of Neurosurgery: Pediatrics, 2007, 107, 126-136.	0.8	26
99	Xenon offers stable haemodynamics independent of induced hypothermia after hypoxiaâ€“ischaemia in newborn pigs. Intensive Care Medicine, 2012, 38, 316-323.	3.9	25
100	Effect of cardiac compressions and hypothermia treatment on cardiac troponin I in newborns with perinatal asphyxia. Resuscitation, 2013, 84, 1562-1567.	1.3	25
101	Patient selection and prognostication with hypothermia treatment. Seminars in Fetal and Neonatal Medicine, 2010, 15, 247-252.	1.1	24
102	Neonatal seizures: magnetic resonance imaging adds value in the diagnosis and prediction of neurodisability. Acta Paediatrica, International Journal of Paediatrics, 2014, 103, 820-826.	0.7	24
103	Neonatal rat model of intraventricular haemorrhage and post-haemorrhagic ventricular dilatation with long-term survival into adulthood. Neuropathology and Applied Neurobiology, 2011, 37, 156-165.	1.8	23
104	Factors Associated with Permanent Hearing Impairment in Infants Treated with Therapeutic Hypothermia. Journal of Pediatrics, 2013, 163, 995-1000.	0.9	23
105	Rectal temperature in the first five hours after hypoxiaâ€“ischemia critically affects neuropathological outcomes in neonatal rats. Pediatric Research, 2018, 83, 536-544.	1.1	23
106	MRI combined with early clinical variables are excellent outcome predictors for newborn infants undergoing therapeutic hypothermia after perinatal asphyxia. EClinicalMedicine, 2021, 36, 100885.	3.2	23
107	Combined Treatment of Xenon and Hypothermia in Newborn Rats - Additive or Synergistic Effect?. PLoS ONE, 2014, 9, e109845.	1.1	23
108	Cardiac function and morphology studied by two-dimensional doppler echocardiography in unsedated newborn pigs. Experimental Physiology, 1999, 84, 69-78.	0.9	22

#	Article	IF	Citations
109	Neonatal seizures still lack safe and effective treatment. Nature Reviews Neurology, 2015, 11, 311-312.	4.9	22
110	Respiratory sinus arrhythmia stabilizes mean arterial blood pressure at high-frequency interval in healthy humans. European Journal of Applied Physiology, 2015, 115, 521-530.	1.2	21
111	Attention and visuo-spatial function in children without cerebral palsy who were cooled for neonatal encephalopathy: a case-control study. Brain Injury, 2019, 33, 894-898.	0.6	21
112	Cerebral Doppler and misrepresentation of flow changes. Archives of Disease in Childhood: Fetal and Neonatal Edition, 1994, 71, F103-F106.	1.4	19
113	Adding 5â€‰h delayed xenon to delayed hypothermia treatment improves long-term function in neonatal rats surviving to adulthood. Pediatric Research, 2015, 77, 779-783.	1.1	19
114	Unanswered questions regarding therapeutic hypothermia for neonates with neonatal encephalopathy. Seminars in Fetal and Neonatal Medicine, 2021, 26, 101257.	1.1	19
115	Cerebral, tympanic and colonic thermometry in the piglet. Reproduction, Fertility and Development, 1996, 8, 125.	0.1	19
116	Postnatal development of the cerebral blood flow velocity response to changes in CO2and mean arterial blood pressure in the piglet. Acta Paediatrica, International Journal of Paediatrics, 1995, 84, 1414-1420.	0.7	18
117	Early deterioration of cerebrospinal fluid dynamics in a neonatal piglet model of intraventricular hemorrhage and posthemorrhagic ventricular dilation. Journal of Neurosurgery: Pediatrics, 2012, 10, 529-537.	0.8	18
118	The Feasibility of Using a Portable Xenon Delivery Device to Permit Earlier Xenon Ventilation with Therapeutic Cooling of Neonates During Ambulance Retrieval. Anesthesia and Analgesia, 2015, 120, 1331-1336.	1.1	18
119	Hypothermia Is Neuroprotective after Severe Hypoxic-Ischaemic Brain Injury in Neonatal Rats Pre-Exposed to PAM3CSK4. Developmental Neuroscience, 2018, 40, 189-197.	1.0	18
120	Brain imaging in cooled encephalopathic neonates does not differ between four and 11Âdays after birth. Acta Paediatrica, International Journal of Paediatrics, 2015, 104, 752-758.	0.7	17
121	Translational Stroke Research in the Developing Brain. Pediatric Neurology, 2006, 34, 459-463.	1.0	16
122	Fentanyl Induces Cerebellar Internal Granular Cell Layer Apoptosis in Healthy Newborn Pigs. Frontiers in Neurology, 2018, 9, 294.	1.1	16
123	Morphine and fentanyl exposure during therapeutic hypothermia does not impair neurodevelopment. EClinicalMedicine, 2021, 36, 100892.	3.2	16
124	Disrupted brain connectivity in children treated with therapeutic hypothermia for neonatal encephalopathy. NeuroImage: Clinical, 2021, 30, 102582.	1.4	16
125	Cardiac output, pulmonary artery pressure, and patent ductus arteriosus during therapeutic cooling after global hypoxia-ischaemia. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2003, 88, 223F-228.	1.4	14
126	Preliminary evaluation of a novel intraparenchymal capacitive intracranial pressure monitor. Journal of Neurosurgery, 2011, 115, 561-569.	0.9	14

#	Article	IF	Citations
127	Effects of Xenon and Hypothermia on Cerebrovascular Pressure Reactivity in Newborn Global Hypoxicâ€"ischemic Pig Model. Journal of Cerebral Blood Flow and Metabolism, 2013, 33, 1752-1760.	2.4	14
128	<scp>M</scp>inimum alveolar concentration (<scp>MAC</scp>) for sevoflurane and xenon at normothermia and hypothermia in newborn pigs. Acta Anaesthesiologica Scandinavica, 2013, 57, 646-653.	0.7	14
129	Sedation management during therapeutic hypothermia for neonatal encephalopathy: Atropine premedication for endotracheal intubation causes a prolonged increase in heart rate. Resuscitation, 2014, 85, 1394-1398.	1.3	14
130	Validation of a neuropathology score using quantitative methods to evaluate brain injury in a pig model of hypoxia ischaemia. Journal of Neuroscience Methods, 2014, 230, 30-36.	1.3	13
131	Monitoring of cerebral blood flow during hypoxia-ischemia and resuscitation in the neonatal rat using laser speckle imaging. Physiological Reports, 2016, 4, e12749.	0.7	13
132	Cooling the asphyxiated brain â€“ ready for clinical trials?. European Journal of Pediatrics, 1999, 158, S5-S8.	1.3	11
133	Arm and leg blood pressures â€" are they really so different in newborns?. Early Human Development, 1991, 26, 203-211.	0.8	9
134	Decorin and Colchicine as Potential Treatments for Post-Haemorrhagic Ventricular Dilatation in a Neonatal Rat Model. Neonatology, 2011, 100, 271-276.	0.9	9
135	Heart rate response to therapeutic hypothermia in infants with hypoxicâ€"ischaemic encephalopathy. Resuscitation, 2016, 106, 53-57.	1.3	9
136	Motor function and white matter connectivity in children cooled for neonatal encephalopathy. NeuroImage: Clinical, 2021, 32, 102872.	1.4	9
137	Liver Enzymes Cannot Be Used to Predict Liver Damage after Global Hypoxia-Ischemia in a Neonatal Pig Model. Neonatology, 2009, 96, 211-218.	0.9	8
138	The effect of resuscitation in 100% oxygen on brain injury in a newborn rat model of severe hypoxic-ischaemic encephalopathy. Resuscitation, 2015, 96, 214-219.	1.3	8
139	Major concerns about late hypothermia study. Acta Paediatrica, International Journal of Paediatrics, 2019, 108, 588-589.	0.7	7
140	Cooling after perinatal asphyxia. Seminars in Fetal and Neonatal Medicine, 2015, 20, 65.	1.1	6
141	Minimal systemic hypothermia combined with selective head cooling evaluated in a pig model of hypoxia-ischemia. Pediatric Research, 2015, 77, 674-680.	1.1	6
142	Xenon depresses aEEG background voltage activity whilst maintaining cardiovascular stability in sedated healthy newborn pigs. Journal of the Neurological Sciences, 2016, 363, 140-144.	0.3	6
143	Therapeutic hypothermia: surgical infant with neonatal encephalopathy. Acta Paediatrica, International Journal of Paediatrics, 2009, 98, 1844-1846.	0.7	5
144	Effects of Hypothermia for Perinatal Asphyxia on Childhood Outcomes. Obstetrical and Gynecological Survey, 2014, 69, 639-641.	0.2	5

#	Article	IF	Citations
145	Association of Birth Asphyxia With Regional White Matter Abnormalities Among Patients With Schizophrenia and Bipolar Disorders. JAMA Network Open, 2021, 4, e2139759.	2.8	5
146	Animal research has been essential to saving babies' lives. BMJ, The, 2014, 348, g4174-g4174.	3.0	4
147	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. Acta Paediatrica, International Journal of Paediatrics, 2019, 108, 1190-1191.	0.7	4
148	An Age-Specific Atlas for Delineation of White Matter Pathways in Children Aged 6â€“8 Years. Brain Connectivity, 2022, 12, 402-416.	0.8	4
149	Brain wave recovery predicts outcome after cardiac arrest. Resuscitation, 2013, 84, 145-146.	1.3	3
150	Post-Hypoxic-Ischemic (H-I) Hypothermia (Ht) Reduces Necrosis and Apoptosis Correspondingly in the Newborn Rat However Restraint Stress Ameliorates Neuroprotection. Pediatric Research, 1998, 44, 421-421.	1.1	3
151	Comparison of Conventional Cerebral MRI (CMRI) at Day 4 and 10 after Perinatal Hypoxic-Ischemic Encephalopathy Treated with Hypothermia. Pediatric Research, 2011, 70, 213-213.	1.1	2
152	Environmental cooling of the newborn pig brain during wholeâ€body cooling. Acta Paediatrica, International Journal of Paediatrics, 2011, 100, 29-35.	0.7	2
153	Combining two good treatments makes it worse. Brain, Behavior, and Immunity, 2018, 71, 7-8.	2.0	2
154	The effects of Xenon gas inhalation on neuropathology in a placentalâ€induced brain injury model in neonates: A pilot study. Acta Paediatrica, International Journal of Paediatrics, 2021, 110, 119-122.	0.7	2
155	Equipotent Subanesthetic Concentrations of Sevoflurane and Xenon Preventing Cold-stimulated Vocalization of Neonatal Rats. Anesthesiology, 2014, 121, 1194-1202.	1.3	2
156	Physiological responses to cuddling babies with hypoxicâ€“ischaemic encephalopathy during therapeutic hypothermia: an observational study. BMJ Paediatrics Open, 2021, 5, e001280.	0.6	2
157	Clinical experience with therapeutic hypothermia in asphyxiated infants. Developmental Medicine and Child Neurology, 2001, 43, 30-31.	1.1	1
158	Clinical assessment and therapeutic interventions for hypoxicâ€“ischemic encephalopathy in the full-term infant. , 0, , 281-300.		1
159	Central Nervous System Injury and Temperature Management. Therapeutic Hypothermia and Temperature Management, 2016, 6, 112-115.	0.3	1
160	Start cooling as soon as possible. Acta Paediatrica, International Journal of Paediatrics, 2019, 108, 771-771.	0.7	1
161	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. PLoS ONE, 2020, 15, e0224447.	1.1	1
162	Prioritized Brain Circulation During Ergometer Cycling with Apnea and Face Immersion in Ice-Cold Water: A Case Report. International Medical Case Reports Journal, 2021, Volume 14, 675-681.	0.3	1

#	Article	IF	Citations
163	Hypothermic neuroprotection. Neurotherapeutics, 2006, 3, 154-169.	2.1	1
164	Protein Intake and the Risk of Pre-Frailty and Frailty in Norwegian Older Adults. The TromsÃ¸ Study 1994â€“2016. Journal of Frailty & Aging,the, 0, , 1.	0.8	1
165	Deleterious Effect of Crossfostering in Rat Pups on Hypoxic-Ischaemic Injury Tolerance and Hypothermic Neuroprotection. Developmental Neuroscience, 2021, , .	1.0	1
166	Does Oxygen Concentration Used for Resuscitation Influence Outcome of Asphyxiated Newly Born Infants Treated With Hypothermia?: In Reply. Pediatrics, 2006, 117, 2328-2328.	1.0	0
167	Xenon offers stable haemodynamics after global hypoxic-ischaemia in newborn pigs. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2011, 96, Fa6-Fa6.	1.4	0
168	Hypocarbia Soon after Birth is not Associated with Poor Outcome in Infants Treated with Therapeutic Hypothermia after Perinatal Asphyxia. Pediatric Research, 2011, 70, 347-347.	1.1	0
169	G172 Neonatal Seizures: The Utility of Magnetic Resonance Imaging in Diagnosis and Prediction of Neurodisability. Archives of Disease in Childhood, 2013, 98, A79-A79.	1.0	0
170	Neuroprotection after infection-sensitized neonatal hypoxic-ischemic brain injury. Molecular and Cellular Pediatrics, 2015, 2, A11.	1.0	0
171	Cardiac stroke volume predicts progressive central hypovolemia by three different nonâ€invasive methods. FASEB Journal, 2013, 27, 1193.1.	0.2	0
172	A Newborn Piglet Survival Model of Post-hemorrhagic Ventricular Dilatation (PHVD). Neuromethods, 2015, , 143-157.	0.2	0